



ILLINOIS

UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN

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

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**July 24, 1968**



The July meeting of The Board of Trustees of the University of Illinois was held in the Illini Union Building, Urbana, Illinois, on Wednesday, July 24, 1968, beginning at 9:30 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, Mr. Kenney E. Williamson. Mr. Ray Page, Governor Samuel Shapiro, and Dr. James A. Weatherly 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 J. 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; 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 July 26, 1967, press proof copies of which had previously been sent to the Board.

On motion of Mr. Grimes, the minutes were approved as printed on pages 651 to 688 inclusive.

**BUSINESS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY**

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

**PRESIDENT'S REPORT**

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.

**OAKLEY DAM**

At the request of the President of the University, the Vice President and Comptroller and Mr. Walter W. Keith, Director of Robert Allerton Park, reported on the recent discussions with the Chicago district Corps of Engineers concerning alternatives for the Oakley Reservoir Project. A written report of their comments 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>
MICHAEL NICHOLAS CHETKOVICH	Greenwich, Connecticut	California
CHARLES HAMILTON DAVISON	Winnetka, Illinois	Rhode Island
LLOYD E. DORAN	Park Forest, Illinois	Ohio
CHARLES LEE GILLIAM	Macomb, Illinois	Missouri
RAYMOND EDGAR HALE, JR.	Hammond, Indiana	Indiana
RAYMOND JOSEPH MOHRING	Cary, Illinois	New York
HARRY J. NEINER	St. Louis, Missouri	Missouri
JOHN JAMES O'CONNELL, JR.	St. Paul, Minnesota	Minnesota
JOHN HART WALKER, JR.	Hannibal, Missouri	Missouri
JAMES DANIEL WILLIAMS	Monmouth, Illinois	Kansas
RONALD G. YOUNG	Macomb, Illinois	Iowa

I concur.

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

**APPOINTMENT TO BOARD OF EXAMINERS IN ACCOUNTANCY**

(2) The Committee on Accountancy recommends the appointment of Glenn Ingram, Sr., a partner in the firm of Glenn Ingram & Company, Certified Public Accountants, Chicago, to the Board of Examiners in Accountancy for a three-year term beginning July 1, 1968, to succeed Mr. Lewis E. Rossiter whose term expired June 30, 1968.

I concur.

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

**ADVISORY COMMITTEE FOR THE DIVISION  
OF UNIVERSITY EXTENSION**

(3) The Dean of the Division of University Extension recommends the following appointments to the Advisory Committee for the Division for two years beginning September 1, 1968.

**University Representatives**

PAUL M. VAN ARSDELL, Professor of Finance and Head of Department  
LAWRENCE W. OLSON, Associate Professor of Speech and Assistant Dean, Liberal Arts and Sciences  
ALLEN G. FRIEDERICH, Associate Professor of Mechanical Engineering

**Non-University Representatives**

HERMAN J. NEBEL, M.D., Librarian and Secretary, East St. Louis Public Library, 405 North Ninth Street, East St. Louis 62201  
EDWARD J. SABOL, President, Sauk Valley College, Rural Route 1, Dixon 61021  
I concur.

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

**ADVISORY COMMITTEES FOR COLLEGE OF AGRICULTURE**

(4) The Dean of the College of Agriculture recommends the following new appointments and reappointments to Advisory Committees for the College of Agriculture and the Agricultural Experiment Station effective September 1, 1968, for three-year terms, unless otherwise specified:

*Agricultural Economics*

ROBERT D. ARMSTRONG, Monmouth  
W. ROSS HOSTETTER, Vice President, First National Bank of Freeport, Freeport

*Agricultural Engineering*

ROBERT W. FRUDEGER, President, Frigidome Corporation, 2335 West Altorfer Drive, Peoria  
OTTO JOHNSON, Chief Engineer, Farm Equipment Division, Research and Engineering Center, International Harvester Company, 7 South 600 County Line Road, Hinsdale

*Agronomy*

ROBERT COPPER, Rural Route 1, Mason City  
OLLIE MYERS, Myers, Inc., Lexington

*Animal Science*

HARRY C. EATON, Research Department, Moorman Manufacturing Company, 100 North Thirtieth, Quincy  
LEROY E. HATCH, Deers Road, Rural Route 3, Urbana

*Cooperative Extension*

MRS. WAYNE BATES, Rural Route 1, Carlinville  
WILLIAM GOSSETT, Roseville  
EUGENE HUFFMAN, 3616 Twenty-sixth Street, Moline  
MRS. MILFORD JONTZ, 225 North Main, Princeton  
WILLIAM RANGLES, 1305 Glenwood, Joliet  
HAROLD STAHL, Enfield  
MRS. INGLIS WOODARD, Catlin

*Forestry*

OWEN T. JAMISON, Supervisor, Shawnee National Forest, Harrisburg National Bank Building, Harrisburg  
JAMES R. LYON, Technical Director, Alton Box Board Company, Alton

*Horticulture (Food Crops)*

MORRIS BELL, Chandlerville  
H. J. HORTIK, Director of Agriculture Research, Libby, McNeill & Libby, 200 South Michigan Avenue, Chicago

*General*

Members of this committee, composed of representatives from the departmental



committees, act in an advisory capacity to the college administration, and are asked to serve only one year :

HARRY C. EATON, Animal Science  
CURT E. ECKERT, Horticulture  
EMMETT G. FRUIN, Agricultural Economics  
WARREN W. JONES, Agronomy  
A. FLETCHER MARSH, Forestry  
ELMER J. OLSON, Cooperative Extension  
A. STEPHEN PAYDON, Agricultural Engineering  
AVERY A. VOSE, Dairy Science

I concur.

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

#### HEAD OF DEPARTMENT OF PHYSICS, CHICAGO CIRCLE

(5) The Dean of the College of Liberal Arts and Sciences recommends the appointment of Dr. Swaminatha Sundaram, presently Professor of Physics, on indefinite tenure, and Acting Head of the Department, as Head of the Department of Physics beginning September 1, 1968, at an annual salary of \$22,400 divided as follows: \$21,400 as Professor of Physics and \$1,000 as Head of the Department, on an academic-year service basis.

Dr. Sundaram has been serving as Acting Head of the Department since July 1, 1967.

This recommendation is submitted after consultation with all members of the department of the rank of assistant professor and above and with the approval of the Chancellor at the Chicago Circle campus, the Dean of the Graduate College, and the Executive Vice President and Provost.

I concur.

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

#### HEAD OF DEPARTMENT OF SLAVIC LANGUAGES, CHICAGO CIRCLE

(6) The Dean of the College of Liberal Arts and Sciences recommends the appointment of Dr. Nicholas Moravcevic, presently Associate Professor of Speech, as Associate Professor of Slavic Languages on indefinite tenure, and Head of the Department of Slavic Languages beginning September 1, 1968, at an annual salary of \$15,000 on an academic-year service basis, divided as follows: \$14,000 as Associate Professor of Slavic Languages and \$1,000 as Head of the Department.

The Department of Slavic Languages was authorized by the Board of Trustees on February 16, 1966.

The nomination was initiated by a search committee<sup>1</sup> and is made after consultation with all members of the faculty of the department of the rank of assistant professor and above. The Chancellor at the Chicago Circle campus, the Dean of the Graduate College, and the Executive Vice President and Provost endorse this recommendation.

I recommend approval.

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

#### APPOINTMENTS TO THE FACULTY

(7) 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; W — one-year appointment subject to special written agreement; 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.

<sup>1</sup> Robert R. Heitner, Professor and Head of the Department of German, *Chairman*; Wilma Hoffman, Assistant Professor of Russian; Clayton Dawson, Professor of Russian and of Linguistics, Head of the Department of Slavic Languages and Literatures, Urbana; Adam Makkaï, Assistant Professor of English.

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. ADELAIDE DINWOODIE, Associate Professor in the Jane Addams Graduate School of Social Work, beginning September 1, 1968, on four-fifths time (Q80), at an annual salary of \$12,800.
2. BRIAN GLUSS, Associate Professor of Quantitative Methods, College of Business Administration, for the academic year 1968-69 (Q), at a salary of \$18,000.
3. ROBERT L. HALL, Associate Professor of Anthropology, beginning September 1, 1968 (A), at an annual salary of \$15,500.
4. LOUISE HAY, Associate Professor of Mathematics, beginning September 1, 1968 (A), at an annual salary of \$15,000.
5. ROBERT L. KNIGHTEN, Assistant Professor of Mathematics, beginning September 1, 1968 (3), at an annual salary of \$9,600.
6. PER MARTIN-LOF, Visiting Assistant Professor of Mathematics, beginning September 16, 1968 (E), at an annual salary of \$10,000.
7. NEIL W. RICKERT, Associate Professor of Mathematics, beginning September 1, 1968 (A), at an annual salary of \$13,500.
8. JOHN ANTHONY SCHEY, Professor of Metallurgical Engineering, Department of Materials Engineering, beginning September 1, 1968 (A), at an annual salary of \$18,000.
9. DAVID S. SCHREIBER, Associate Professor of Physics, beginning September 1, 1968 (A), at an annual salary of \$15,000.
10. RAM R. SHARMA, Associate Professor of Physics, for the summer quarter 1968, at a salary of \$3,734, and beginning September 1, 1968 (Q), at an annual salary of \$11,200.
11. FRANK TACHAU, Associate Professor of Political Science, beginning September 1, 1968 (A), at an annual salary of \$13,500.
12. JOHN A. WEBSTER, Associate Professor of Criminal Justice, College of Liberal Arts and Sciences, beginning September 1, 1968 (A), at an annual salary of \$18,000.

#### Medical Center

13. RICHARD E. BEHRMAN, Professor of Pediatrics, College of Medicine, beginning July 1, 1968 (AY), at an annual salary of \$25,000.

#### Urbana-Champaign

14. PAUL PETER BERNARD, Professor of History, beginning September 1, 1968 (A), at an annual salary of \$16,400.
15. SIDNEY D. BROWN, Visiting Professor of History, for the academic year 1968-69 (E), at a salary of \$16,300.
16. ROBERT E. BUTTS, Visiting Professor of Philosophy, for the first semester 1968-69 (E), at a salary of \$11,000.
17. MOHAMED I. DESSOUKY, Visiting Associate Professor of Industrial Engineering, Department of Mechanical and Industrial Engineering, beginning September 1, 1968 (D), at an annual salary of \$13,000.
18. MARY ELIZABETH EDWARDS, Associate Professor of Social Work, Jane Addams Graduate School of Social Work, beginning September 1, 1968 (Q), at an annual salary of \$12,500.
19. NOA ESHKOL, Visiting Research Assistant Professor, Physical Education for Women, beginning September 1, 1968 (DY), at an annual salary of \$10,500.
20. CLYDE W. FORREST, JR., Associate Professor of Community and Urban Planning, Bureau of Community Planning, beginning June 1, 1968 (QY), at an annual salary of \$15,000.
21. KETAYUN H. GOULD, Assistant Professor of Social Work, Jane Addams Graduate School of Social Work, beginning September 1, 1968 (1), at an annual salary of \$9,200.
22. WILLIAM H. HEILES, Assistant Professor of Music, beginning September 1, 1968 (1), at an annual salary of \$10,000.
23. JIMMIE R. MONHOLON, Visiting Associate Professor of Economics, for the academic year 1968-69 (D), at a salary of \$15,400.
24. ANDREA L. PAGENKOPF, Assistant Professor of Foods, Department of Home Economics, for the academic year 1968-69, at a salary of \$9,000.

25. PAUL S. RIEGEL, Associate Dean of Student Personnel and Assistant Professor of Higher Education, beginning August 1, 1968 (DY), at an annual salary of \$16,000.
26. MICHAEL S. SHER, Research Assistant Professor of Computer Science, beginning September 15, 1968 (WY), at an annual salary of \$13,000.
27. SEYMOUR SUDMAN, Associate Professor of Marketing, of Sociology, and in the Survey Research Laboratory, beginning September 1, 1968 (AY), at an annual salary of \$20,000.
28. MANFRED WILLMS, Visiting Assistant Professor of Economics, for the academic year 1968-69 (D), at a salary of \$13,000.
29. HAROLD B. WILLSON, Visiting Professor of Germanic Languages and Literatures, for the academic year 1968-69 (D), at a salary of \$17,000.

#### Administrative Appointments

30. JOSEPH S. CARLSON, Director of Chicago Circle Personnel Services Office, beginning August 1, 1968 (DY), at an annual salary of \$22,500.
31. LEONARD E. GOODALL, Associate Dean of Faculties and Associate Professor of Political Science, Chicago Circle, beginning September 1, 1968 (DY), at an annual salary of \$19,000.
32. L. G. HERNECHECK, Superintendent of Buildings and Grounds, Physical Plant, Urbana campus, beginning September 1, 1968 (DY), at an annual salary of \$20,500.

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

#### SABBATICAL LEAVE OF ABSENCE, 1968-69

(8) In accordance with the provisions of the University of Illinois *Statutes*, I recommend that Professor Alvin S. Boyarsky, Professor of Architecture and Associate Dean of the College of Architecture and Art at Chicago Circle, be given a sabbatical leave of absence on one-half pay for the fall quarter, 1968.

Professor Boyarsky has a contract with the Studio Vista/Reinhold Publishing Company to write a book in a series by internationally known authorities. The title of his book will be "The New Urbanism: A Study of the Recent Past."

This recommendation is supplementary to the applications recommended to the Board of Trustees on March 20, April 17, and May 15, 1968.

On motion of Mr. Hahn, this leave was granted as recommended.

#### RECOMMENDATION OF THE ALL-UNIVERSITY COMMITTEE ON ADMISSIONS REGARDING EVALUATION OF TRANSFER CREDIT

(9) The three Senates and the Senate Coordinating Council have approved a recommendation from the All-University Committee on Admissions regarding the evaluation of transfer credit as follows:

It is recommended that, effective September, 1970, admission of transfer students to the University of Illinois be based only on the transfer course work which is of such a nature as to prepare students to continue on to baccalaureate degree programs (or equivalent programs). Such courses are normally referred to as transfer or college parallel work. Other course work completed, such as technical courses similar in content and level to courses taught at the University, will be used in evaluation for admission only upon the request of the college where the work was completed and the recommendation of the dean of the college to which the student seeks admission.

The three Chancellors and the Executive Vice President and Provost have approved this recommendation.

I concur.

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

#### TUITION WAIVERS FOR DISADVANTAGED STUDENTS

(10) Each campus of the University is making a determined effort to increase the number of "disadvantaged" students—those whose class/cultural characteristics and lack of money place them at a disadvantage in competition with the majority of the students. One of the serious limitations on this effort is the lack of adequate funds to meet the financial need of these students.

To assist the University in its efforts to increase its number of disadvantaged

students, the Department of Health, Education, and Welfare has awarded an increase of \$490,000 in EOG funds to the University for 1968-69. For each student receiving an Educational Opportunity Grant, certain matching funds must be provided.

Illinois State Scholarship Commission Grants, which cover tuition and fees for undergraduate students, are available and are being counted as a part of the matching funds. However, some disadvantaged students will be admitted after the July 1 deadline for application for the Illinois State Scholarship Commission Grants. In addition, some students at the Medical Center will have completed their period of eligibility for the grants.

In order to help match the federal funds for disadvantaged students who will not be eligible for the Illinois State Scholarship Commission Grants, the Chancellors have recommended the establishment of a total of 150 (including all campuses) waivers of tuition for disadvantaged students, in the amount equal to resident tuition, to be awarded annually by the appropriate financial aid officers on each campus, effective in September, 1968. Allocation of the waivers would be made among the three campuses in accordance with relative need as recommended by the University Committee on Financial Aid to Students.

I concur.

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

#### NON-REFUNDABLE APPLICATION FEE

(11) The Executive Vice President and Provost, as Chairman of the University Committee on Fees, recommends the establishment of a non-refundable application fee of \$15, effective with applications for admission to terms beginning in September, 1970. This fee would be required of each applicant for admission or readmission to the University at the time he submits his application, with the exception of extramural non-degree applicants and members of the University faculty and staff, and would not be applicable on tuition and/or other fees. Graduate degree students who register in consecutive summers would be subject to the application fee only one time since they are not required to reapply each summer. It would help to discourage multiple applications and to offset in part the constantly increasing costs of processing applications. Since 1963, total applications for admission to the fall term on the three campuses have increased 58 per cent — from 26,452 to 41,730.

All of the universities operating under the jurisdiction of the Board of Governors of State Colleges and Universities and the Board of Regents now require a \$15 non-refundable application fee which may not be applied on tuition and fees. Of the state-supported universities, only Southern Illinois University and the University of Illinois presently do not require an application fee.

Among the Big Ten Universities, non-refundable undergraduate application fees which may not be applied on tuition and fees are now assessed by all institutions except the University of Michigan and the University of Illinois. Seventeen of twenty-three graduate colleges surveyed have application fees.

Procedures to identify qualified applicants who, because of extreme financial hardship could not meet the cost of the application fee — and to waive the fee in such cases — would be established by the Office of Admissions and Records and Business Office on each campus.

I recommend approval.

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

#### DOCTOR OF PHILOSOPHY DEGREES IN BIOLOGICAL SCIENCES, GERMAN, PHYSICS, AND PSYCHOLOGY, CHICAGO CIRCLE

(12) The Chancellor at the Chicago Circle campus recommends approval of programs leading to the degree of Doctor of Philosophy in the following fields: Biological Sciences, German, Physics, and Psychology.

The programs, in common with the doctoral proposals for Chicago Circle approved by the Board on July 26, 1967, will facilitate the accommodation of the campus to increasing demands for expanded enrollment capacity and production of college teachers. The degree candidate will be required to meet the admission standards and degree requirements set forth in catalog statements which are being filed with the Secretary of the Board for record.

The Executive Vice President and Provost concurs in 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. Jones, this recommendation was approved.

#### **ESTABLISHMENT OF MAJOR IN CLASSICS, CHICAGO CIRCLE**

(13) The Board of Trustees, on April 17, 1968, approved the establishment of a Department of Classics within the College of Liberal Arts and Sciences at Chicago Circle and the transfer of existing undergraduate degree programs from the Department of English to the new department, effective September 1, 1969.

The Chicago Circle Senate has now approved programs for the degree of Bachelor of Arts with a major in Classics and specialization in Latin language and literature or Greek language and literature.

This proposal has been approved by the Chancellor at the Chicago Circle campus and by the Executive Vice President and Provost.

The Senate Coordinating Council advises that no further Senate jurisdiction is involved.

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

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

#### **ESTABLISHMENT OF CURRICULUM FOR THE TEACHER EDUCATION MAJOR IN ART EDUCATION, CHICAGO CIRCLE**

(14) The Chicago Circle Senate has approved a recommendation of the Department of Art, College of Architecture and Art, for the establishment of a curriculum for the teacher education major in art education leading to the Bachelor of Arts degree in Art Education.

This program is intended to prepare students as artists and teachers. It provides a broad background of courses for the general education of the student, a strong concentration in the major field of art, and the professional education courses necessary to preparing to teach.

General Education .....	63 hours
(Language Arts and Humanities, Science/Mathematics, Social Science, Health and Physical Education)	
Professional Education .....	28 hours
(Education courses, including Educational Practice in the Public Schools)	
Art Field of Specialization	
Architecture and Art courses in the first two years.....	45 hours
In a major field of Design or Plastic and Graphic Arts.....	50 hours
Art Education .....	8 hours
Supporting areas of Art History, Design, or Plastic and Graphic Arts.....	15 hours
Total Hours Required.....	209 <sup>1</sup>

The Chancellor at the Chicago Circle 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. Clement, this recommendation was approved.

#### **ESTABLISHMENT OF DEPARTMENT OF DANCE, COLLEGE OF FINE AND APPLIED ARTS, URBANA**

(15) The Urbana-Champaign Senate has approved a proposal that the staff and programs in dance, presently a part of the College of Physical Education, be transferred to the College of Fine and Applied Arts as a Department of Dance, effective September 1, 1968.

<sup>1</sup> Including Physical Education (exclusive of Military Science).

Under the proposed transfer, both the degree of Bachelor of Arts in Dance (concerned with dance as a performing art) and the degree of Bachelor of Science in Dance (concerned with public school teaching) would be transferred to the new department.

The Senate Coordinating Council has indicated that no other Senate jurisdiction is involved.

The Chancellor at the Urbana-Champaign campus and the Executive Vice President and Provost concur in this recommendation.

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

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

**MERGER OF THE DEPARTMENTS OF INDUSTRIAL ADMINISTRATION,  
MARKETING, AND THE GRADUATE SCHOOL OF  
BUSINESS ADMINISTRATION, URBANA**

(16) The Urbana-Champaign Senate has approved a recommendation from the College of Commerce and Business Administration for the merging of the Department of Industrial Administration, the Department of Marketing, and the Graduate School of Business Administration into the Department of Business Administration, effective September 1, 1968.

The recommendation, originally proposed by a committee appointed to explore the possible reorganization of the College, was approved unanimously by the faculty of the College and was approved by the faculty members of the units concerned and by the Dean of the College.

The Chancellor at the Urbana-Champaign campus, the Dean of the Graduate College, and the Executive Vice President and Provost concur in this proposal.

The Senate Coordinating Council has indicated that no further Senate jurisdiction is involved.

I recommend approval.

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

**REVISION OF THE CURRICULA IN ARCHITECTURE, URBANA**

(17) The Urbana-Champaign Senate has approved a recommendation from the Department of Architecture, College of Fine and Applied Arts, that the current five-year undergraduate curriculum (leading to the degree of Bachelor of Architecture) and the graduate curricula (leading to the degrees of Master of Architecture and Master of Science in Architectural Engineering) be replaced by a four-year undergraduate curriculum in architectural studies leading to the degree of Bachelor of Science in Architectural Studies and a two-year graduate curriculum leading to the degree of Master of Architecture.

The proposed revision recognizes the rapidly changing role of the architect in the urban complexes of today and is designed to accomplish three major objectives:

1. To provide a better and more extensive background of general education as a basis for understanding the enlarged role of the architect and urban designer in today's society.
2. To provide a basic four-year education in architectural studies which would provide a sound foundation for those who are qualified and desire to continue with professional study or equip students not wishing to continue with architecture as a profession to enter several avenues of activity in the general domain of architecture, urban planning, and the building industry at the semi-professional level.
3. To enable students who are qualified and interested to continue with two additional years of professional study in architecture and urban design at the graduate level and to provide for a large degree of flexibility in the selection of special fields of concentration such as architectural design, urban design, architectural administration and building construction, architectural structures, environmental technology, architectural history and the preservation of historic monuments.

The degree, Master of Architecture, granted upon satisfactory completion of this curriculum, will be the professional degree in architecture.

These proposed revisions, which are the result of several years of study by the department, are similar to those being implemented in numerous other schools of architecture and parallel the general attitude of architectural educators in this country.

The date proposed for the beginning of the new curriculum is September, 1969. However, it is intended that the necessary changes in curricula, staff, and space will be spread over a period of approximately six years.

The Chancellor at the Urbana-Champaign campus, the Dean of the Graduate College, and the Executive Vice President and Provost concur in this recommendation.

The Senate Coordinating Council has indicated that no further Senate jurisdiction is involved.

I recommend approval.

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

#### **FOREIGN LANGUAGE REQUIREMENT FOR THE PH.D. DEGREE, URBANA**

(18) The Urbana-Champaign Senate has approved a recommendation for change in the foreign language requirement for the Ph.D. degree as follows:

Any foreign language requirement for the degree of Doctor of Philosophy shall be determined by the individual department, division, or faculty jointly administering a program. Departments, divisions, and faculty jointly administering a program shall report changes in the language requirement to the Graduate College. Changes will be effective for students taking preliminary examinations after final approval by the Board of Trustees and report of the change to the Graduate College.

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

The Senate Coordinating Council has indicated that no other Senate jurisdiction is involved.

I recommend approval.

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

#### **RECOMMENDATIONS CONCERNING COURSE AND CURRICULUM MODIFICATION AND PROFICIENCY EXAMINATION, URBANA**

(19) The Urbana-Champaign Senate has adopted two proposals of its Committee on Educational Policy which are reported to the Board as a matter of record. They consist, in part, of recommendations designed to promote flexibility and responsiveness on the part of colleges and departments in meeting students' special requirements.

##### **Course and Curriculum Modification**

Discussions between faculty members and students, especially in the areas of increased freedom of choice for students in curriculum management and increased flexibility to meet special needs of students, have led to the following proposals:

1. The faculty of each department is urged to establish a special course for independent study, for experimentation, or for seminar on topics not treated by regularly scheduled courses. Requests for initiation of the course and suggestions for areas of study may be made by students; the course may also be initiated by faculty members. It may be offered with approval of the faculty member involved and the department head.
2. The colleges are urged to treat formal curriculum requirements with sufficient latitude to permit the development of individualized programs while maintaining those aspects of the curriculum which are indispensable to the area of specialization being pursued. No prior approval of the Senate shall be required for such modifications. Faculties may establish a modified curriculum for special groups of students or a student may initiate a request for curriculum modification.

##### **Proficiency Examinations**

After study of the present use of proficiency examinations and consideration of extension of their use, the Committee found that such examinations, under proper safeguards, are a valid and desirable part of the total educational program of a university, that the present program for entering freshmen appears sound and adequate, and that present problems with the program stem from inconsistent and uneven execution. However, since the Committee feels that the wide variance in opportunity for use of proficiency examinations make it important that administra-

tion of such examinations reside primarily within the department, it recommends that the dean of each college request a faculty group to study this matter. In those colleges and departments in which expansion of use of such examinations seems desirable and possible, appropriate mechanism for administration and evaluation should be developed. The Committee on Educational Policy would consider adoption of campus-wide policies and procedures upon receiving reports from each dean concerning present and proposed practices of the colleges.

These recommendations have the endorsement of the Chancellor at the Urbana-Champaign campus. The Senate Coordinating Council has indicated that no other Senate jurisdiction is involved.

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

#### CHANGE IN TITLE OF LEGAL COUNSEL

(20) Section 46 of the University *Statutes* reads as follows:

"The Legal Counsel shall be appointed biennially by the Board of Trustees on the nomination of the President. He shall serve as legal adviser to the Board of Trustees, to the President, and to other administrative officers of the University. He shall represent the University and the Board of Trustees in all legal proceedings, unless otherwise provided."

To meet increasing demands and to accommodate the transition to the chancellorship system, members of the Legal Counsel staff are now located at each campus on a full-time basis. They perform the day-to-day functions of the Office and are directly available to advise the Chancellor and other officers of the campus in legal matters. With the concurrence of the Legal Counsel and the Chancellors, I am proposing the following to be effective immediately (with the substance to be later incorporated into formal amendments of the Statutes and General Rules):

1. The present title "Legal Counsel" will be changed to "University Counsel."
2. For each campus the University Counsel, after consultation with the Chancellor, may designate a Legal Counsel who will also be an Associate University Counsel. Each campus Legal Counsel will report to the University Counsel and be his representative on the designated campus in legal matters. Under the general direction of the University Counsel, the campus Legal Counsel will serve as legal adviser to the Chancellor and to other administrative officers of the campus.

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

#### REORGANIZATION OF THE STATISTICAL SERVICE UNIT

##### (Modification of *The General Rules Concerning University Organization and Procedure*)

(21) With the concurrence of the three Chancellors, the Executive Vice President and Provost has recommended that the name of the Statistical Service Unit and the organization of its functions be changed, effective July 1, 1968, through the establishment of the following offices:

University Office of Administrative Data Processing  
Chicago Circle Office of Administrative Data Processing  
Medical Center Office of Administrative Data Processing  
Urbana-Champaign Office of Administrative Data Processing

The present Director of the Statistical Service Unit, Mr. John F. Chaney, will continue as Director of the University Office of Administrative Data Processing. He will report to the Executive Vice President and Provost and will continue to have responsibility for administrative data processing for the entire University. In general, the University Office of Administrative Data Processing will be concerned with University-wide policies and procedures relative to methodology in information processing, the development of program statements for University-wide data processing systems, standards and procedures for the utilization of data processing services, and systems and program documentation.

Each of the campus Offices of Administrative Data Processing will be headed by a director who will report to the Director of the University Office and will be the latter's campus representative in data-processing affairs. It will be the responsibility of the campus director and his office to provide the data-processing services required for administrative purposes by the Chancellor, in accordance with priorities to be determined by the Chancellor. The campus office will also provide such



data-processing services related to campus operations as might be required for University-wide administrative purposes.

The foregoing changes constitute a modification of *The General Rules Concerning University Organization and Procedure* which currently contains the following statement concerning the Statistical Service Unit:

"Sec. 4. The Statistical Service Unit shall supervise, operate, and maintain data-processing equipment for the benefit of the University. The primary responsibility of this Unit shall be to serve the Business Office, the Office of the Dean of Admissions and Records, and the Bureau of Institutional Research. When possible, it shall serve other operational units within the University and shall provide facilities and technical assistance in the prosecution of various University research projects.

"On recommendation of the Vice-President and Provost, and on nomination of the President, the Board of Trustees shall appoint the Director of the Statistical Service Unit."

I have approved these administrative changes, designed to reorganize the Statistical Service Unit in the light of the establishment of the chancellorship system, and recommend approval of appropriate modifications in the *General Rules* by the Board of Trustees.

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

#### MODIFICATION OF GENERAL RULES RELATING TO PAYMENT OF TEACHING ASSISTANTS

(22) Section 26(j) of *The General Rules Concerning University Organization and Procedure* provides that teaching assistants "shall be compensated for each academic year of service in ten installments, of which the first and last shall be one-half installments, and the other eight shall be full installments equal to one-ninth of the annual rate." This method was developed because a large percentage of teaching assistants was employed during the summer as research assistants. However, because of the budgetary situation with respect to research grants and contracts, fewer teaching assistants will be employed during the summer as research assistants. Hence, in the future, it is proposed to offer teaching assistants an option — to receive their compensation in ten installments, as in the past, or in twelve equal installments.

The President recommends, with the concurrence of the appropriate administrative officers, that the rules relating to the payment of teaching assistants be modified to read as follows:

"Teaching assistants may be compensated for each academic year of service in ten installments of which the first and last shall be one-half installments and the other eight shall be full installments equal to one-ninth of the annual rate. Teaching assistants may elect to receive their compensation for each academic year of service in twelve equal installments."

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

#### REVISION OF STATUTORY PROVISIONS RELATING TO THE ADMINISTRATION OF GRADUATE EDUCATION AND RESEARCH

(23) On January 17, 1968, the Board of Trustees provisionally approved a proposal for the reorganization of the administration of graduate education and research which involved revision of Sections 16, 17, 18; 25(e), (f), and (g); and 20(c) of the *University Statutes*.

The Medical Center, Chicago Circle, and Urbana-Champaign Senates have now concurred in the proposed amendments, subject to a change in Section 18(b) which was recommended by the Senate Coordinating Council and has now been ratified by the three Senates.

As revised by the Senate Coordinating Council, Section 18(b) would read as follows. (New language is underlined; language to be deleted is in parentheses.)

(b) (Staff members of such units) Persons shall be appointed to the staff of such special units by the Board of Trustees on the recommendation of the Executive Committee, (and) the Dean of the Graduate College, and the Chancellor, and on the nomination of the President. Appointments (which

carry) of persons who already have academic rank and title indicative of departmental association shall be made only after consultation with the department concerned. Appointments which carry academic rank and title indicative of departmental association of persons who do not already have departmental association shall be made only after concurrence of the department concerned.

The remainder of the suggested amendments to Section 18 as well as the suggested amendments to Sections 16, 17; 25(e), (f), and (g); and 20(c) remain as they appear in the statement which accompanied the January 17, 1968, Board item, minutes pages 885-887.

I recommend the final approval of the amendments as revised.

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

#### APPROPRIATIONS FOR NONRECURRING EXPENDITURES

(24) After review by the Committees on Nonrecurring Appropriations at the Urbana-Champaign and the Chicago Circle campuses, the respective Chancellors recommend the following appropriations from the funds indicated:

##### *Urbana-Champaign General Reserve*

##### College of Liberal Arts and Sciences:

Department of Chemistry and Chemical Engineering — equipment to match funds received for a grant from the National Science Foundation under the Instructional Scientific Equipment Program.....	\$ 19 270 00
Library — equipment for the Commerce Library and the Special Languages Library .....	85 946 00
Renovation and remodeling for which funds are assigned to the Physical Plant Department:	
Balance of the cost for the construction of the Nursery Building (a part of the development of the Swine Research Center for the Department of Animal Science).....	100 000 00
Balance of the cost to remodel Engineering Hall for the Engineering Library .....	45 540 00
Balance of the cost to remodel the Television Studio to provide color television studio.....	140 000 00
<i>Total, Urbana-Champaign General Reserve.....</i>	<i>\$390 756 00</i>

##### *Chicago Circle General Reserve*

Assignments to match funds received for grants from the National Science Foundation under the Instructional Scientific Equipment Program:

College of Engineering:	
Department of Materials Engineering.....	17 100 00
Department of Physics.....	9 600 00
College of Liberal Arts and Sciences:	
Department of Chemistry.....	10 100 00
Graduate College:	
Research Board — to supplement funds to support organized research .....	12 500 00
Renovation and remodeling for which funds are assigned to the Physical Plant Department:	
Remodeling in the Science and Engineering Laboratories for the Department of Biological Sciences.....	13 000 00
<i>Total, Chicago Circle General Reserve.....</i>	<i>\$ 62 300 00</i>
<i>Grand Total.....</i>	<i>\$453 056 00</i>

The Executive Vice President and Provost and the Vice President and Comptroller concur.

I recommend approval.

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

**CONTRACT FOR PHASE II, SITE LANDSCAPE WORK,  
CHICAGO CIRCLE**

(25) The President of the University, with the concurrence of appropriate administrative officers, recommends award of a contract to Lawrence & Ahlman Inc., Arlington Heights, the low base bidder, for the sum of \$216,520 for furnishing material and labor for landscape work which is a part of Phase II construction at the Chicago Circle campus.

Funds are available in the Universities Building Fund.

Submitted herewith is a report from the Physical Plant Department, 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, this contract was awarded by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Pogue, Mr. Swain, Mr. Williamson; no, none; absent, Mr. Page, Governor Shapiro, Dr. Weatherly.

**CONTRACT FOR RADIATION SAFETY CONSULTING SERVICES,  
CHICAGO CIRCLE**

(26) The Chancellor at Chicago Circle and the Vice President and Comptroller recommend the award of a contract to Health Physics Associates Ltd., Highland Park, consultants in radiation safety, for radiation consulting service to include the following functions:

Review of all proposals for new uses of radiation or radioactive material from the viewpoint of safe working conditions according to current regulations and recommendations; to assure suitable storage areas in accordance with existing license held by the University; to conduct routine radiation surveys and source leak tests; supervise receipt, shipment, and storage of radioactive materials; supervise decontamination of all spills or personal contamination; disposal of radioactive wastes and monitoring pertinent records; also to assure compliance with "Laser Safety Regulations" of the State of Illinois Department of Public Health; review all present and establish all subsequent operating and record keeping procedures in compliance with regulations and recommendations of the Atomic Energy Commission, State of Illinois Department of Public Health, United States Public Health Service, National Committee on Radiation Protection and any other regulations pertinent to radiation safety applicable to the University of Illinois.

The fee will be based on \$175 per day for each day of consultation; emergency calls required to be compensated on the basis of \$25 per hour with a \$50 minimum charge; special reports or research will be based on a fee of \$25 per hour. The estimated total expenditure is \$9,100 for the period August 1, 1968, through June 30, 1969, with an option to renew on an annual basis, subject to availability of funds.

I concur.

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

**AWARD OF CONTRACT FOR REPAIR OF SIDEWALKS, STREETS,  
CURBS, AND GUTTERS, MEDICAL CENTER**

(27) The President of the University, with the concurrence of appropriate administrative officers, recommends the award of a contract, subject to release of funds, in the amount of \$22,879.50 to Chas. H. Myers, doing business as Chas. A. Myers & Sons, Chicago, the low bidder, for repair of sidewalks, streets, curbs, and gutters at the Medical Center campus.

Funds are available in state capital appropriations to the University for 1967-69 subject to release by the Governor.

Submitted herewith is a report from the Physical Plant Department, 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, this contract was awarded by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Pogue, Mr. Swain, Mr. Williamson; no, none; absent, Mr. Page, Governor Shapiro, Dr. Weatherly.

**CONTRACTS FOR REMODELING IN RESEARCH AND LIBRARY UNIT  
DENTISTRY-MEDICINE-PHARMACY BUILDING, MEDICAL CENTER**

(28) The President of the University, with the concurrence of appropriate administrative officers, recommends the award of the following contracts for remodeling Rooms 256 and 258 in the Research and Library Unit, Dentistry-Medicine-Pharmacy Building at the Medical Center campus, the award in each case being to the low bidder:

General — Mutual Contracting Company, Chicago.....	\$ 9 029 00
Plumbing — Peter H. Smith Company, Chicago.....	1 880 00
Heating and Process Piping — Crown Temperature Engineers, Inc., Chicago.....	1 697 00
Ventilation — Crone Associates, Inc., Chicago.....	2 222 00
Electrical — Divane Bros. Electric Co., Chicago.....	2 750 00
Laboratory Equipment — J. J. Lane Equipment Co., Chicago.....	6 400 00
<i>Total</i> .....	<u>\$23 978 00</u>

The work will consist of minor demolition; installation of new metal partitions, new laboratory furniture, new lighting and air conditioning to provide clinic and research laboratory space for the Center for Craniofacial Anomalies.

Funds for this work are available from the Center's trust accounts.

Submitted herewith is a report from the Physical Plant Department, 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. Hughes, Mr. Jones, Mr. Pogue, Mr. Swain, Mr. Williamson; no, none; absent, Mr. Page, Governor Shapiro, Dr. Weatherly.

**CONTRACT FOR CONSTRUCTION OF WATER DISTRIBUTION  
SYSTEM IMPROVEMENTS, URBANA**

(29) The President of the University, with the concurrence of appropriate administrative officers, recommends award of a contract, subject to release of funds, to Illini Plumbing and Heating Inc., Champaign, the low bidder, for the sum of \$38,418 for the base bid (\$30,702) plus alternate W-3 (\$7,716). The work will consist of construction of water mains for water service and fire protection to the State Geological and Natural History Survey Complex and Metal Building Area, which is located south of St. Mary's Road and west of First Street Road, Champaign.

Funds are available in state capital appropriations to the University for 1967-69, subject to release by the Governor.

Submitted herewith is a report from the Physical Plant Department, 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. Hahn, this contract was awarded by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Pogue, Mr. Swain, Mr. Williamson; no, none; absent, Mr. Page, Governor Shapiro, Dr. Weatherly.

**CONTRACTS FOR CONSTRUCTION OF TELEVISION  
STUDIO ADDITION, URBANA**

(30) The President of the University, with the concurrence of appropriate administrative officers, recommends award of the following contracts for construction of

an addition to the Television Studio, Urbana, the award in each case being to the low bidder for base work and deductive alternates:

General Work — C. A. Petry & Sons, Inc., Champaign.....	\$132 200 00
Plumbing Work — David W. Reichard Plumbing & Heating Co., Inc., Urbana .....	8 155 00
Heating and Air Conditioning Work — David W. Reichard Plumbing & Heating Co., Inc., Urbana.....	43 110 00
Ventilating Work — Petry Roofing and Sheet Metal Co., Champaign	29 896 00
Electrical Work — Downtown Electric, Urbana.....	67 500 00

Since David W. Reichard Plumbing & Heating Co., Inc., Urbana, is the low bidder for both plumbing work and for heating and air conditioning work, it is also recommended that these awards be combined in a single contract.

It is further recommended that \$140,000 be assigned from the Urbana-Champaign General Reserve. The balance of the funds are available in state capital appropriations to the University for 1967-69 and have been released 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. Jones, these contracts were awarded by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Pogue, Mr. Swain, Mr. Williamson; no, none; absent, Mr. Page, Governor Shapiro, Dr. Weatherly.

#### **CONTRACTS FOR RELOCATION OF OPTICAL TELESCOPE, URBANA**

(31) The President of the University, with the concurrence of appropriate administrative officers, recommends that construction contracts be awarded to the following low bidders for the relocation of the South Observatory on a site approximately thirty-five miles southeast of the Urbana-Champaign campus in Douglas County:

General — M. L. Meneley, Pesotum.....	\$20 404 00
Electrical — Fred Biggs Electric, Mattoon.....	2 470 00

Funds are available in state capital appropriations to the University and have been released by the Governor.

Submitted herewith is a report from the Physical Plant Department, 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. Hughes, Mr. Jones, Mr. Pogue, Mr. Swain, Mr. Williamson; no, none; absent, Mr. Page, Governor Shapiro, Dr. Weatherly.

#### **CHANGES IN FINANCING CONSTRUCTION OF THE INTRAMURAL- PHYSICAL EDUCATION BUILDING, URBANA**

(32) The President of the University, with the concurrence of the appropriate administrative officers, recommends that the Illinois Building Authority be relieved of the responsibility for financing and constructing the Intramural-Physical Education Building.

On June 18, 1968, the Illinois Building Authority received bids for the construction of this project, and the schedule of the bids received is being filed with the Secretary of the Board for record.

The low bidder is Kuhne-Simmons Co., Inc., Champaign, with a net bid, including recommended alternates, of \$8,760,000 (the total of the base bid of \$8,976,000 less deductive Alternates 1 through 16, which total \$216,000). Proposals were also received from:

George A. Fuller Company, Inc., Chicago  
McCarthy Brothers Construction Company, St. Louis, Missouri  
Turner Construction Company, Chicago  
C. Iber and Sons, Inc., Peoria

While the bids received on the Intramural-Physical Education Building exceeded the cost consultant's estimate, the previously announced proposed increase

in student fees of \$18 per semester per student will still be adequate to finance both this project and the Women's Gymnasium Addition. This is possible because of receipt of a federal grant. However, as the funds to be borrowed on the Intramural-Physical Education Building will exceed the amount which has been declared in the public interest for Illinois Building Authority financing, and in view of the desire to curtail the expenditure of state appropriations, it is proposed that the project be financed and constructed other than by the Illinois Building Authority. It is desired to arrange for financing through the Foundation or through University revenue bonds, whichever is feasible. In either event, approval of the State Board of Higher Education will be required for financing the project as a "noninstructional facility."

Accordingly, it is recommended that:

1. Approval be requested from the State Board of Higher Education for treatment of the Intramural-Physical Education Building as a "noninstructional facility." A copy of the application required by the Board of Higher Education is being filed for record in the Office of the Secretary.
2. The Illinois Building Authority be requested to:
  - a. Terminate the interim lease dated December 1, 1967, on project IBA-75-15.
  - b. Assign to the University of Illinois Foundation, or to the University (as determined by the financing), all contracts relating to this project which were previously assigned to the Illinois Building Authority by the University.
  - c. Assign the bids for this project received on June 18, 1968, to the University of Illinois Foundation or to the University (as determined by the financing).
3. The University of Illinois Foundation be requested to finance and construct this project and lease it to the University at a rental in an amount sufficient to liquidate the debt service payments. Concurrently, the University will explore the feasibility of financing the project through revenue bonds. When the preferred method of financing is identified, further action by the Board or the Executive Committee may be necessary.
4. A student service charge for use of the Intramural-Physical Education Building and the Women's Gymnasium Addition projects be assessed at the rate of \$18 per student per semester beginning with the semester following the date of substantial completion of the Intramural-Physical Education Building, which is presently estimated to be September, 1970.

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

#### **REQUEST TO ILLINOIS BUILDING AUTHORITY TO TRANSFER TITLE TO LAND FOR PARKING STRUCTURE, URBANA**

(33) In accord with the approval of the Committee on Buildings and Grounds on April 17, 1968, the University is planning the construction of a parking structure at the Urbana campus to be located on a portion of the block bounded by Sixth, Daniel, Fifth, and John Streets. This structure will be financed by income from the parking program at the Urbana campus and by the sale of revenue bonds by the University.

Within this site, the Illinois Building Authority in 1964 purchased 507 East John Street, Champaign, for \$65,000 and 509 East John Street, Champaign, for \$53,500 (total cost, \$118,500). Under the lease dated March 20, 1964, between the Illinois Building Authority and the University, land costs for the Urbana campus totaling \$1,000,200 (including the purchase of 507 and 509 East John Street) were financed by the Authority. The University is scheduled to make rental payments totaling \$1,857,856. Through September 1, 1967, the University has paid \$331,681 in rentals.

Before construction can begin, it will be necessary to have title to the land owned by the Authority transferred to the University. In accordance with Paragraph 9 of the lease, sufficient rental payments have been made to request transfer at this time.

Accordingly, the President of the University, with the concurrence of appropriate administrative officers, recommends that The Board of Trustees of the University of Illinois request the Illinois Building Authority to transfer title to 507 and 509 East John Street, Champaign, Illinois, to the University.

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

**RELEASE AND GRANT OF EASEMENTS TO MEDICAL CENTER  
STEAM COMPANY, MEDICAL CENTER**

(34) The site for the Administrative Office Building on the Medical Center campus is presently traversed by two easements held by the Medical Center Steam Company, for a steam distribution tunnel and certain conduits and pipes.

In order to permit construction of this building, it will be necessary to secure the release of these easements and to grant to the Medical Center Steam Company an alternate easement adjacent to Wood and Polk Streets for relocating the existing underground steam distribution facilities. The Medical Center Steam Company has agreed to the release of the present easements and the granting of the new easement. The construction of the new facilities will be financed through the Medical Center Steam Company.

The President of the University, with the concurrence of the appropriate administrative officers, recommends that the Comptroller and the Secretary be authorized to execute, acknowledge, and deliver such agreement, grant instruments, and other documents as may be necessary to effectuate release of the existing easements and conveyance of the alternate easement, and further recommends adoption of the following resolution.

**Resolution**

*Be It, and It Is Hereby, Resolved* by The Board of Trustees of the University of Illinois that the Comptroller and the Secretary of this public corporation be, and they hereby are, authorized and empowered, for and on behalf of, and in the name of, this public corporation, to make, execute, acknowledge and deliver an Agreement and Grant of Easement to and in favor of Medical Center Steam Company granting said Grantee and easement through, in, under and across the following described premises, to wit:

That part of the block bounded by Polk Street, Taylor Street, Wood Street, and Hermitage Avenue as follows:

That part lying West of a line drawn 3 feet 0 inches East of and parallel to the East line of Wood Street, from the North wall of the existing valve chamber, said point being 150 feet 6½ inches South of the South line of Polk Street, to a point 61 feet 0 inches South of the South line of Polk Street; also that part lying Northwesterly of a line drawn from a point 3 feet 0 inches East of the East line of Wood Street and 61 feet 0 inches South of the South line of Polk Street to a point 5 feet 6 inches South of the South line of Polk Street and 35 feet 0 inches East of the East line of Wood Street, excepting therefrom that part now occupied by the Electric manhole and electric duct lines; also that part lying North of a line drawn 5 feet 6 inches South of and parallel to the South line of Polk Street, from a point 35 feet 0 inches East of the East line of Wood Street, to a point 100 feet 0 inches West of the West line of Hermitage Avenue; also that part lying North of a line drawn 4 feet ½ inch South of and parallel to the South line of Polk Street, from a point 100 feet 0 inches West of the West line of Hermitage Avenue to a point 7 feet 6 inches West of the West line of Hermitage Avenue; also that part lying East of a line drawn 7 feet 6 inches West of and parallel to the West line of Hermitage Avenue from a point 4 feet ½ inch South of the South line of Polk Street, to a point 22 feet 6 inches South of the South line of Polk Street; all in the City of Chicago, County of Cook, and State of Illinois;

for use by said Grantee to construct, install, prepare, equip, operate, maintain, repair and use a steam distribution tunnel and valve chamber and the necessary appurtenant facilities thereto; for so long as said easement shall be used by said Grantee for said purposes; in consideration of said Grantee releasing all right, title and interest, including any easement rights, it may have in and to the site upon which the Administrative Office Building at the Medical Center Campus will be constructed; and to make, execute, acknowledge and deliver, with the approval of the Legal Counsel, any and all such documents and instruments as may be necessary to accomplish such purposes.

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

#### **AGREEMENT WITH CITY OF CHAMPAIGN FOR CAMPUS DISTRICT LIGHTING IMPROVEMENTS, CHAMPAIGN**

(35) The President of the University, with the concurrence of appropriate administrative officers, recommends that the Board authorize the Comptroller and Secretary to execute an agreement with the city of Champaign, subject to release of funds, to share in the cost of lighting improvements for: Armory Avenue from Fourth Street to Sixth Street; Chalmers Street from Fourth Street to Sixth Street; Daniel Street from Fourth Street to Sixth Street; John Street from Fourth Street to Sixth Street; and Fifth Street from Green Street to Armory Avenue, Champaign.

The City plans to finance this work by creating a local improvement district through which all of the costs are to be assessed to abutting properties' frontage. The total cost of the improvement is estimated to be \$66,000. Based on the University ownership of property in the five streets involved, the cost to the University will be approximately \$35,000.

Funds are available in state capital appropriations to the University for 1967-69, subject to release by the Governor.

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

#### **AGREEMENT FOR FURNISHING SERVICES AND COMMODITIES TO THE CHAMPAIGN REGIONAL STATE OFFICE BUILDING, CHAMPAIGN**

(36) The Champaign Regional State Office Building, now being constructed through the Department of Children and Family Services of the State of Illinois, will be ready for occupancy about September 1, 1968. In view of its location on the Urbana-Champaign campus<sup>1</sup> and in an effort to promote efficiency within state operations, the Director of the Department of Children and Family Services has requested that certain services and commodities be furnished to the Champaign Regional State Office Building on a fee basis.

The services to be rendered include building and grounds maintenance, fire protection, security and watch services, and automotive services. Commodity service would include purchases from the Physical Plant, Chemistry, Office Supply, Central Foods, and South Garage Stores. All services and commodities furnished by the University will be billed to the Department of Children and Family Services on the basis of cost plus established mark-ups to cover overhead and administrative costs.

Accordingly, the President of the University, with the concurrence of appropriate administrative officers, requests authorization to enter into an agreement with the Department of Children and Family Services, State of Illinois, as outlined above.

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

#### **PURCHASES**

(37) The President submitted, with his concurrence, a list of purchases recommended by the Directors of Purchases and the Vice President and Comptroller; also a purchase authorized by the President.

The list of purchases was presented in two categories: purchases from appropriated funds (i.e., from state appropriations to the University) and purchases from institutional funds. The latter term designates funds received by the

<sup>1</sup> The building will be located on First Street Road south of St. Mary's Road.



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*

Recommended ..... \$ 231 349 78

*From Institutional Funds*

Authorized..... 8 114 00

Recommended ..... 897 695 96

*Total*..... \$ 905 809 96

*Grand Total*..... \$1 137 159 74

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

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

**COMPTROLLER'S REPORT OF PURCHASES APPROVED**

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

This report was received for record.

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

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

**New Contracts**

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
Chicago City College, Woodrow Wilson Campus	Strengthening student personnel services and curricula in two-year developing institutions	\$ 17 469 00
Educational Products Information Exchange Institute	Development of techniques for gathering information about school settings	40 675 00
Penn Central Transportation System	Development of a model to describe stresses in rail under a moving load to investigate rail shells	8 500 00
	A simulation model of ballast support and the modulus of track elasticity	8 000 00
State of Illinois, Constitution Study Commission	Holding and organizing of a constitutional convention	25 000 00
State of Illinois, Department of Mental Health	Neurochemical correlates of early brain damage and alterations in early experience	54 086 00
State of Illinois, Department of Public Health	Nurses training program	9 104 00
The United Nations Educational, Scientific, and Cultural Organization	International summer seminar for hydrology professors	8 000 00
United States Air Force:		
AFOSR-68-1584	Electrostatic — inertial containment diagnostics	80 273 00
AFOSR-68-1585	Detonative mach stems	27 221 00
AFOSR-68-1599	Point defects in cesium chloride ordered alloys and other intermetallic compounds	42 430 00
United States Department of Health, Education, and Welfare:		
OEG-0-8-051319-3626 (085)	Development of aptitude and achievement measures for trade and technical education	99 998 00
OEG-0-8-081612-4257 (042)	NDEA institute for advanced study for teachers of disadvantaged youth	60 642 00
United States Department of Transportation, Federal Railroad Administration	Design of tunnel liners for high speed ground transportation	60 000 00
<b>Total</b>		<b>\$541 398 00</b>

## Change Orders

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
National Aeronautics and Space Administration NGR-14-005-103	Physiological and engineering study of advanced thermoregulatory systems for extra vehicular space suits	\$ 33 735 00
State of Illinois, Department of Mental Health	Teaching and learning of psychiatric interviewing	17 658 00
United States Air Force F 19628-67-C-0028-P002	Theoretical study to investigate the response of the ionosphere to a solar eclipse	20 733 00
United States Atomic Energy Commission:		
AT (11-1)-1199	Rainout of radioactivity in Illinois	6 007 00
AT (11-1)-1601	Mobilization of radioactive emitters from bone	99 463 00
United States Department of Agriculture 12-14-100-5665 (81)	Plant pest control	6 000 00
United States Navy:		
Nonr-3985 (06)	Micromechanical mechanisms in organic solids	62 080 00
Nonr-3985 (09)	Engineering properties of deep sea sediments	91 600 00
<b>Total</b>		<b>\$337 276 00</b>

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>
Barber and DeAtley, Inc.	Cost-plus contracts: general	Armory 1107 West Green Street Library Music Building 12 500 00 6 000 00 12 151 00
Cool-Rite Refrigeration	Cost-plus contract: heating and ventilation	Electrical Engineering Building 8 200 00
Fries Walters Co.	Cost-plus contract: electrical	Medical Center parking lot 15 000 00
George S. Grimmer & Co.	Cost-plus contract: acoustical tile work	Engineering Hall 12 000 00
The Nu-Way Contracting Corp.	Cost-plus contract: plumbing	First Unit Dentistry-Medicine-Pharmacy Building Parking Lot #E 1 5 801 00 5 000 00
Simpson Construction Co.	Cost-plus contract: general	First Unit Dentistry-Medicine-Pharmacy Building 6 100 00
<b>Total</b>		<b>\$87 752 00</b>

## Summary

Amount to be paid to the University.....	\$878 674 00
Amount to be paid by the University.....	87 752 00

This report was received for record.

## EMPLOYMENT OF AUDITORS

(40) The Board of Trustees, on February 16, 1966, approved the employment of Arthur Andersen & Co. for the audit of the year ended June 30, 1966, with the intention that the employment would be continued for a total of five years. The audit report is made jointly with the Board of Trustees and the Auditor General who must approve the arrangements. The Auditor General pays one-half of the cost of the audit of the University and its allied organizations out of funds appropriated to his office for that purpose.

Arthur Andersen & Co. has indicated its willingness to undertake the appointment with the understanding that the charges will be made at the prevailing hourly rates for audits for colleges and universities, plus cash expenses, and with the further understanding that the aggregate charges will not exceed the following amounts, one-half of which will be paid by the Auditor General:

	<i>Proposed Maximum</i>
University of Illinois (including reports on revenue bond funds).....	\$37 860 00
State Universities Retirement System of Illinois.....	3 540 00
University of Illinois Foundation.....	3 822 00
University of Illinois Alumni Association.....	2 380 00
University of Illinois Athletic Association including Retirement System	3 415 00
	<b>\$51 017 00</b>

The maxima are the same as those which were in effect for the audits of the year ended June 30, 1967.

The Auditor General concurs in these recommendations.

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

### INVESTMENT REPORT For the Month of May, 1968

#### Report of the Finance Committee

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

##### *Miller*

##### *Sales:*

\$44 000 Commercial Credit demand notes.....	\$ 44 000 00
25 000 Ford Motor Credit demand notes.....	25 000 00
25 000 General Motors Acceptance demand notes.....	25 000 00
20 000 International Harvester demand notes.....	20 000 00
43 000 Sears Roebuck demand notes.....	43 000 00
20 000 Transamerica Financial demand notes.....	20 000 00
1,000 shares Chrysler Corporation common stock.....	64 888 28
800 shares Gulf Oil Company common stock.....	57 436 46
1,000 shares Household Finance Corporation common stock....	35 827 97
1,071 shares Standard Oil Company of California common stock	64 921 10
600 shares Union Carbide common stock.....	26 282 68

##### *Purchases:*

\$41 000 Commercial Credit demand notes.....	\$ 41 000 00
91 000 Ford Motor demand notes.....	91 000 00
25 000 General Motors Acceptance Corp. demand notes.....	25 000 00
25 000 International Harvester demand notes.....	25 000 00
43 000 Sears Roebuck demand notes.....	43 000 00
25 000 Transamerica Financial demand notes.....	25 000 00
500 shares First National City Bank of New York common stock	32 750 00

#### Report of the Comptroller

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

##### *Current Funds*

##### *Ford Foundation Nonwestern Programs*

##### *Purchase:*

\$100 000 U.S. Treasury 6 per cent notes due 8/15/69.....	\$ 100 000 00
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##### *Restricted (Chicago Circle)*

##### *Purchases:*

\$ 69 000 General Motors Acceptance notes due 10/2/68.....	69 000 00
250 000 First National Bank of Chicago Certificate of Deposit due 12/31/68.....	250 000 00

##### *Restricted Group*

##### *Purchases:*

\$ 500 000 Continental Illinois National Bank Certificate of Deposit due 8/16/68.....	500 000 00
250 000 Hallmark Cards notes due 8/16/68.....	246 041 67
1 000 000 Beneficial Finance notes due 9/3/68.....	980 666 67
1 000 000 Commercial Credit notes due 9/3/68.....	981 770 83
500 000 Federal National Mortgage Association notes due 12/16/68.....	482 147 92
1 000 000 Northern Trust Certificate of Deposit due 2/17/69....	1 000 000 00
1 500 000 First National Bank of Chicago Certificate of Deposit due 3/4/69.....	1 500 000 00

*Construction Funds**Bonds of 1964 Auxiliary (Medical Center)*

Purchase:  
 \$130 000 U.S. Treasury bills due 5/23/68..... 129 601 88

*Dentistry-Medicine-Pharmacy Auxiliary (Medical Center)*

Purchase:  
 \$20 000 U.S. Treasury bills due 5/23/68..... 19 938 75

*Orchard Apartments*

Sale:  
 \$55 000 U.S. Treasury bills due 11/30/68..... 53 205 75

*Union (Chicago Circle)*

Purchase:  
 \$10 000 U.S. Treasury bills due 7/11/68..... 9 916 31

*Sinking Funds**Dentistry-Medicine-Pharmacy Reserve (Medical Center)*

Purchase:  
 \$19 000 U.S. Treasury bills due 9/26/68..... 18 588 55

*Illini Union and Health Center*

Purchase:  
 \$18 000 U.S. Treasury 6 per cent notes due 8/15/69..... 18 000 00

This report was received for record.

**PUBLICITY SERVICES FOR ASSEMBLY HALL, URBANA**

(42) The President of the University, with the concurrence of appropriate administrative officers, recommends continuation of the services of Herbert J. Dotten, Promotional Manager, Park Forest, for preparation of promotional material and for professional counsel for programs in the Assembly Hall during the period from August 19, 1968, through June 18, 1969, for a total fee of \$13,000.

The costs of these services will be charged to the operating budget of the Assembly Hall.

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

**ANTI-TRUST LITIGATION**

(43) The University has purchased substantial amounts of enameled cast iron plumbing fixtures and vitreous china plumbing fixtures, manufactured or distributed by firms against whom the United States Government has instituted anti-trust proceedings. The University has also purchased substantial amounts of gypsum wallboard, manufactured or distributed by firms who may have been engaged in an unlawful combination or conspiracy or in an unreasonable restraint of interstate trade or commerce in violation of federal statutes. Under the applicable anti-trust laws, the University may be entitled to recover damages on account of such purchases.

The Vice President and Comptroller and the Legal Counsel recommend that they be authorized to take necessary and appropriate action on behalf of the University to preserve and enforce any rights of the University which may have arisen from violations of federal anti-trust laws by said manufacturers or distributors, including authority to institute and prosecute, in the name and on behalf of The Board of Trustees of the University of Illinois, such proceedings in a court of competent jurisdiction, and to employ such special legal counsel and others as may be deemed necessary or desirable.

I concur.

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

#### **AUTHORIZATION FOR EXECUTIVE COMMITTEE TO ACT**

(44) The University is now negotiating for the acquisition of various parcels of real estate needed for the University's educational purposes. The necessity for action on such acquisitions may become urgent, and, hence, it may not be possible to postpone action to the next regular meeting of the Board of Trustees (presently set for September 18, 1968).

In addition, the Illinois Building Authority may ask the University to make specific requests for award of contracts on bids to be received by the Authority on University projects. The Authority may also require the University to adopt specific resolutions transferring jurisdiction of land to and leasing facilities from the Illinois Building Authority, prior to the Authority entering into construction contracts.

Accordingly, the President of the University, with the concurrence of appropriate administrative officers, recommends that, pursuant to Article IV, Section 3, of the By-Laws, the Board of Trustees authorize the Executive Committee of the Board to take action at any time prior to the next regular meeting of the Board on transfers of jurisdiction to and leases from the Illinois Building Authority and any other matter relating to the lease, sale, purchase, or other acquisition, by or for the University, of real estate, including authority to exercise the right of eminent domain and to institute condemnation proceedings.

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

#### **PROVISIONAL CODE OF CONDUCT FOR PERSONS EMPLOYED ON THE STAFFS OF STATE OPERATED INSTITUTIONS OF HIGHER LEARNING**

(45) On February 21, 1968, the Board of Trustees received for record a *Provisional Code of Conduct for Persons Employed on the Staffs of State Operated Institutions of Higher Learning* promulgated by the Board of Higher Education under Article 5 of the Illinois Governmental Ethics Act and referred it to the Senates and nonacademic representatives on each campus for advice. That advice has now been received and a report follows. There being no objection to the final adoption of the Code, I recommend concurrence in the *Provisional Code of Conduct* in the form submitted.

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

A copy of the Provisional Code of Conduct and a copy of the report on the advice from the University Senates and nonacademic representatives on each campus follow.

(Note: The Code defined by state law as "a detailed code of conduct for persons employed on the staffs of State-operated institutions of higher learning" must be promulgated by the Illinois Board of Higher Education. The text upon which the Board of Trustees acted was approved by the Board of Higher Education provisionally and submitted to the governing boards of the institutions of higher learning for approval. On July 29, the Secretary of the Board of Trustees reported to the Board of Higher Education the action referred to above and the earlier action of the Trustees in designating certain officers to file disclosure statements. See Board of Trustees Minutes, March 20, 1968, pages 970-71.)

#### **PROVISIONAL CODE OF CONDUCT FOR PERSONS EMPLOYED ON THE STAFFS OF STATE-OPERATED INSTITUTIONS OF HIGHER LEARNING IN ACCORDANCE WITH SENATE BILL 506 APPROVED AUGUST 26, 1967**

##### **I. Application**

This provisional code applies to all persons employed on the staffs of State-operated institutions of higher learning. It supplements the laws of Illinois, and rules, regulations and procedures established by the Merit Board of the Universities Civil Service System and by the respective governing boards of State-operated institutions of higher learning concerning conduct of persons so employed.

## II. Standards of Conduct Relative to Economic Interests

### A. The following standards of conduct are established by this Code :

1. No employee, in order to further his own economic interests or those of any other person, shall disclose or use confidential information acquired by reason of his employment. The term "confidential information" means information not publicly announced or released concerning the following matters at the employing institution, and such other matters as the respective governing boards may designate from time to time: anticipated material requirements or price actions; possible new sites for institutional operations; forthcoming programs and enrollment changes; and contract awards.

2. An employee shall not seek or accept any offer of personal advantage which might reasonably be interpreted as an attempt to influence his official conduct. Such personal advantage may be gifts, loans, contracts, advances, discounts, services or accommodations, financial or other, not customarily available to other persons on similar terms and conditions in the ordinary course of business or academic affairs.

## III. Disclosure of Economic Interests and Conflict Situations

A. The respective governing boards of the State-operated institutions of higher learning shall designate those employees in key administrative or other positions who shall file with said governing boards written disclosures of economic interests and conflict situations relating to the performance of official duties by such employees. Disclosures so filed shall be retained by the respective governing boards. Such disclosures may include, but need not be limited to, the following:

1. A list of economic interests of the employee making the disclosure and of members of his immediate family (spouse and minor children living with him), whether in the form of stocks, bonds, realty, equity or creditor interests in proprietorships or partnerships, or otherwise. Exempt from disclosure are:

(a) interests in the form of accounts in banks and savings and loan associations

(b) in the case of equity interests, interests valued at less than \$5000 and representing less than 5% of the total equity interests in the entity.

2. A list of every office, directorship and salaried employment of the employee making the disclosure and of members of his immediate family (spouse and minor children living with him). However, offices, directorships and salaried employments in political, religious, charitable and educational entities unrelated to his employing institution need not be reported if compensation of less than \$1000 per year is being received.

3. A list of all entities with substantial economic interests, distinct from that of the general public, in matters likely to come before the employee making the disclosure in his official capacity, to whom he furnished compensated services valued at such amount as determined by the governing board.

4. A list of other interests which could create serious conflicts of interest, if so determined by the governing board. The governing board may also require disclosure of conflict situations as they arise, if it determines that previous disclosure of interests is insufficient.

5. The value of any interest required to be reported under this Article III need not be disclosed. Any entity required to be reported need not be identified by name. Such entity may be identified by the principal type of economic activity in which it engages, together with such additional detail, to be prescribed by the governing board, as will fairly indicate its interests before the institution.

B. The respective governing boards shall prescribe the times for initial and subsequent filings of the disclosure statements.

## IV. Administration and Enforcement

A. By virtue of the authority conferred upon them by statute, the respective governing boards shall promulgate rules for the administration and enforcement of this code. They shall also establish procedures to provide guidance to employees subject to this code, with reference to the matters covered by the code.

B. The respective governing boards of State-operated institutions of higher learning shall file all rules, regulations and procedures promulgated as to this code with the Board of Higher Education.

#### TO MEMBERS OF THE BOARD OF TRUSTEES :

At the request of the President of the University, the advice received from the three Senates and the Nonacademic Employees Advisory Committee concerning the Provisional Code of Conduct for Persons Employed on the Staffs of State-Operated Institutions of Higher Learning is reported to you :

1. At its meeting of April 30, 1968, the Chicago Circle Senate adopted a recommendation of its Committee on Educational Policy for "Senate approval of the Provisional Code of Conduct promulgated by the Board of Higher Education and of the employees designated by the Board of Trustees as subject to the disclosure requirements of the Provisional Code."

2. The Medical Center Senate on May 29 passed a motion providing :

"That approval be granted to the Provisional Code of Conduct with the understanding that only the officers specified at the March 20, 1968, Board meeting of the University Trustees be obliged to file written disclosures and that there will be no exception to this practice to other University personnel without the employment of standard University procedures."

3. The Urbana Senate on June 7 accepted a motion proposed by its Committee on Educational Policy providing that, "The Faculty Senate of the University of Illinois, Champaign-Urbana campus, does not object to the 'Provisional Code of Conduct' dated February 6, 1968."

4. Advice from the University of Illinois Nonacademic Employees Advisory Committee (representing each campus) was received from its chairman on June 12 :

"It was the feeling of the members that the present Chapter VIII, Conduct and Discipline of the Policy and Rules, was sufficient and covers our employees better than the Provisional Code of Conduct.

"It was also recommended that reference to the Provisional Code of Conduct in the Policy and Rules would be sufficient, such as is done on Retirement."

Although as indicated, the Committee felt that existing University policies and procedures are adequate, it was recognized that the code is required by State law and no objection to the provisional text was made.

EARL W. PORTER  
*Secretary, Board of Trustees*

#### RECOMMENDATIONS OF THE STAFF OF THE BOARD OF HIGHER EDUCATION ON TUITION AND GRANTS

(46) The President of the Board of Trustees took note of the fact that the Board of Higher Education had requested the Trustees reaction to a document entitled "Staff Recommendations on Tuition and Grants for Students at Public Senior Colleges and Universities." The document had been sent by the Secretary of the Board of Trustees on July 11 for study and review. The President of the University and the Vice President and Comptroller reviewed the implications of the several recommendations and the Vice President and Comptroller presented a written analysis, a copy of which is filed with the Secretary of the Board. Following general discussion of the question, Mr. Clement offered the following resolution.

#### Resolution

The Board of Trustees of the University of Illinois has received from the Board of Higher Education a document prepared by the staff of that Board: "Staff Recommendations on Tuition and Grants for Students at Public Senior Colleges and Universities." The document has been submitted to this Board and to the other institutional governing boards in order that the Board of Higher Education may have their several reactions to it.

Traditionally the Board of Trustees has adopted policies designed to limit tuition and fees and other charges to students to the minimum level designed to permit maximum opportunity for Illinois youth to take advantage of the University's programs. This position is of course fundamental to the philosophy of the land-grant institutions throughout the nation. From time to time, in the light of the general economy of the State of Illinois, the trustees have increased fees as the existing situation might indicate.

Accordingly, the Board of Trustees does not object to the increase of \$75 in

resident tuition or the \$100 increase in nonresident tuition effective in the fall of 1969, as proposed by the staff of the Board of Higher Education.

However, the recommendations that would establish, by formula, the tuition charges in 1971 are so far-reaching in their implications that they would seriously alter the traditional posture of the State and require careful analysis. The Board would request, therefore, that the formula approach be deferred for decision until 1969-70, at which time the economic and other factors involved can be taken into account and the consequences fully evaluated. At the same time, the status of junior college developments, and their relevance to the general questions involved, can be appraised to a degree not now possible.

The recommendations having to do with teacher education scholarships, although not directly affecting the University, have much to commend them. It should be pointed out, however, that the extent to which the changes proposed would decrease flexibility, in relating student needs to the total resources available, ought to be carefully assessed.

The University is in agreement with the other recommendation contained in the document submitted, that having to do with charging the same tuition rates for graduate-professional and undergraduate students with similar residential status.

On motion of Mr. Clement, this resolution was adopted.

#### REPORT OF THE LEGAL COUNSEL ON HOUSE BILL 711

(47) The President of the Board reported the Order of the United States District Court concerning House Bill 711 which Order declared the Act (Chapter 144, Sec. 48.8, Illinois Revised Statutes) unconstitutional. The President of the University asked the Legal Counsel to present a legal analysis of the court decision and the legal implications insofar as they affect the University. Mr. Costello distributed a report and spoke to it.

Following general discussion, on motion of Mr. Clement, the Trustees voted unanimously to receive and file the report of the Legal Counsel, and that no appeal of the case be taken.

#### SECRETARY'S REPORT

The Secretary presented for record the following lists: appointments to the faculty made by the President; resignations and declinations; leaves of absence, including a change in a leave of absence previously approved. A copy of the report is filed with the Secretary.

#### REPORTS AND RECOMMENDATIONS FROM THE PRESIDENT OF THE BOARD

President Swain called attention to the schedule of the next two meetings of the Board of Trustees: September 18, 1968, in Urbana, and October 16, 1968, at the Medical Center. On motion of Mr. Clement, the Board voted to change the date of the November meeting from Wednesday, November 20, to Friday, November 22, 1968; the meeting to be held in Urbana.

#### EXECUTIVE SESSION

President Swain announced that an executive session had been requested and was being ordered for consideration of reports and recommendations relating to property acquisitions.

On motion of Mr. Clement, the Board recessed for five minutes.

When the Board reconvened, the following reports and recommendations from the President of the University were presented and considered.

#### PURCHASE OF 309 SOUTH LINCOLN AVENUE, URBANA

(48) The President of the University, with the concurrence of appropriate administrative officers, recommends that the University of Illinois Foundation purchase



the property at 309 South Lincoln Avenue, Urbana, at a price of \$42,500 and lease the property to the University at a rental sufficient to pay the interest costs on a loan to the Foundation to finance acquisition of the property. The property consists of a lot of approximately 50 feet by 166.8 feet (8,340 square feet) and is improved with a two-story frame and stucco dwelling. The improvements on this property will either be temporarily assigned to the Housing Division for use as faculty-staff housing, or the improvements will be demolished and the area used for parking.

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

#### **PURCHASE OF 906 WEST OREGON STREET, URBANA**

(49) The President of the University, with the concurrence of appropriate administrative officers, recommends that the University of Illinois Foundation purchase the property at 906 West Oregon Street, Urbana, at a price of \$47,500 and lease the property to the University at a rental sufficient to pay the interest costs on a loan to the Foundation to finance acquisition of the property. The property consists of a lot of approximately 65 feet by 157 feet (10,205 square feet), and is improved with a two-story stucco dwelling.

This property is in the block east of the Krannert Center for the Performing Arts and will be assigned to the Housing Division for temporary faculty-staff housing.

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

#### **PURCHASE OF 1103 WEST OREGON STREET, URBANA**

(50) The President of the University, with the concurrence of appropriate administrative officers, recommends the purchase of the property at 1103 West Oregon Street, Urbana, at a price of \$38,000. The property consists of a lot with dimensions of approximately 55 feet by 157 feet (8,635 square feet), and is improved with a two and one-half-story frame dwelling.

This property is directly across from the Krannert Center for the Performing Arts on the south and will be assigned to the Housing Division for use as temporary faculty-staff housing.

Funds are available in state capital appropriations to the University for 1967-69 and have been released by the Governor.

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

#### **FINANCING THE PURCHASE OF 801 SOUTH WRIGHT STREET, CHAMPAIGN**

(51) The President of the University, with the concurrence of appropriate administrative officers, recommends that the balance of \$194,015 to be paid to the University of Illinois Foundation for the property at 801 South Wright Street, Champaign (YWCA), be appropriated from the Urbana-Champaign Contract Research Reserve.

Funds are available in the Contract Research Reserve.

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

**ACQUISITION AND FINANCING OF 1116-1118 WEST  
NEVADA STREET, URBANA**

(52) The Board of Trustees on December 20, 1967, authorized the acquisition of the property at 1116-1118 West Nevada Street, Urbana (part of the site for the Music Building), through condemnation proceedings, and the use of funds available in state capital appropriations to the University.

The condemnation suit has been completed in the Circuit Court of Champaign County, Illinois. The jury award of \$197,500 is within the range of the testimony of expert witnesses at the trial. It is now desirable to fund this purchase from the Contract Research Reserve.

Accordingly, the President of the University, with the concurrence of appropriate administrative officers, recommends that the University accept the jury award and pay the same in accordance with the judgment order and that \$197,500 be appropriated for this purpose from the Urbana-Champaign Contract Research Reserve.

Funds are available in the Contract Research Reserve.

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

**ACQUISITION OF CONSTRUCTION MATERIALS  
RESEARCH LABORATORY**

(53) At its meeting on January 17, 1968, the Board of Trustees approved the establishment of a Construction Materials Research Laboratory in the vicinity of the Urbana-Champaign campus and requested the University of Illinois Foundation to provide the facilities in accordance with a plan then outlined. Pursuant to that request, the Foundation has taken action to finance and construct the facilities. It is now deemed advisable to approve the actions taken by the Foundation with respect to financing and constructing the Laboratory and to authorize acceptance by the Comptroller on behalf of the University of title to the Laboratory subject to the lien of the mortgage and the rights of the United States of America under the lease.

The President of the University, with the concurrence of appropriate administrative officials, recommends the adoption of the following resolution.

**Resolution of the Board of Trustees of the University of Illinois**

WHEREAS, in its meeting of January 17, 1968, the Board of Trustees approved the establishment of a construction materials research laboratory in the vicinity of the Urbana-Champaign campus and requested the University of Illinois Foundation to provide the facilities in accordance with a plan outlined to the Board, and

WHEREAS, the Board of Trustees directed and authorized the Comptroller of the Board and the Legal Counsel of the University to approve the form of any obligations of the Foundation issued in furtherance thereof, and

WHEREAS, pursuant to that request and direction, the University of Illinois Foundation proposes to issue up to \$3,500,000 aggregate principal amount of its general obligation Bonds in accordance with and subject to the terms and conditions of a Mortgage, a near-final draft of which was presented to the Board of Trustees for inspection and review, and the Comptroller of the Board and the Legal Counsel of the University have specifically approved the form of said obligations, and

WHEREAS, the Board of Directors of the Foundation in its meeting of July 18, 1968, has resolved to pass title to the real estate and premises comprising the research laboratory to the Board of Trustees of the University of Illinois, subject to the lien of the Mortgage and the Lease, between the Foundation and the United States of America, as soon as practicable subsequent to the execution of the Mortgage, and in no event later than October 1, 1968,

*Now, Therefore,* after discussion and upon motion duly made and carried, the following Resolutions were adopted:

*Resolved,* that the issuance of up to \$3,500,000 aggregate principal amount of University of Illinois Foundation general obligation bonds, subject to the terms and conditions of the Mortgage presented to the Board of Trustees for inspection

and review as modified or completed in accordance with resolutions adopted by the Board of Directors of the Foundation, the proceeds of which shall be utilized by the Foundation to construct a construction engineering research laboratory in accordance with the plan approved by the Trustees on January 17, 1968, and the activities of the Foundation in connection with the issuance of the Bonds and the construction of the laboratory, be and hereby are approved, and

*Resolved*, that, the Comptroller of the Board be and hereby is authorized and directed to accept delivery of title to the real estate and premises comprising the construction engineering research laboratory, subject to the lien of the Mortgage and the rights of the United States of America under the Lease, on behalf of the Board of Trustees.

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

On motion of Mr. Clement, the Board adjourned.

EARL W. PORTER  
*Secretary*

TIMOTHY W. SWAIN  
*President*

#### LUNCHEON PROGRAM

Guests of the Board at luncheon were retiring Dean William L. Everitt of the College of Engineering, Dean of Students Fred H. Turner, and Director Leslie A. Bryan of the Institute of Aviation. The President of the Board presented certificates to each of the guests, expressing the Board's appreciation of their service to the University of Illinois. Dean Carl A. Brandly of the College of Veterinary Medicine who retires on September 1, 1968, was unable to attend the luncheon, and a certificate will be presented to him on another occasion.

Following these presentations, Dean Fred H. Turner presented Mr. Swain, as President of the Board of Trustees, one of the seven Centennial flags prepared during the Centennial year just ended.

Following lunch, the Trustees and other University officers took a tour of the campus to see the construction progress and to stop at the Children's Research Center.

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

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**September 18, 1968**



The September meeting of The Board of Trustees of the University of Illinois was held in the Faculty Lounge of the Illini Union, Urbana, Illinois, on Wednesday, September 18, 1968, beginning at 9:30 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, Mr. Kenney E. Williamson. Mr. Ray Page, Governor Samuel H. Shapiro, and Dr. James A. Weatherly were absent.

Also present were President David D. Henry; Executive Vice President and Provost Lyle H. Lanier; Chancellor J. W. Peltason, University of Illinois at Urbana-Champaign; Chancellor Norman A. Parker, University of Illinois at Chicago Circle; Chancellor Joseph S. Begando, University of Illinois at the Medical Center; Dr. Eldon Johnson, Vice President of the University; Mr. Vernon L. Kretschmer, Associate University Director of Physical Plant Planning and Construction; Mr. C. E. Flynn, Assistant to the President and University Director of Public Information; Mr. James J. Costello, University Counsel; and 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 meetings of the Board of Trustees on September 20, 1967, October 16, 1967, November 10, 1967, December 9, 1967, and December 20, 1967, press proof copies of which had previously been sent to the Board.

On motion of Mr. Williamson, these minutes were approved as printed on pages 689 to 852 inclusive.

**REPORT OF THE EXECUTIVE COMMITTEE**

The Executive Committee submitted the following report and minutes of its meeting of August 20, 1968.

On call of the Chairman, the Executive Committee of The Board of Trustees of the University of Illinois was held in the Illini Center on the twentieth floor of the LaSalle Hotel, Chicago, Illinois, on Tuesday, August 20, 1968, beginning at 10:30 a.m.

The meeting was called for consideration of reports and recommendations from the President of the University on matters of business requiring approval by the Board of Trustees on which action should not be deferred until the regular meeting of the Board in September. The Board at its meeting on July 24, 1968, authorized the Executive Committee to take action at any time prior to the next regular meeting of the Board on transfers of jurisdiction to and leases from the Illinois Building Authority and any other matters relating to the lease, sale, purchase, or other acquisition, by or for the University, of real estate, including authority to exercise the right of eminent domain and to institute condemnation proceedings.

The Chairman asked the Secretary to call the roll, and the following, constituting all members of the Committee, were present: Mr. Timothy W. Swain, Chairman, Mr. Howard W. Clement, Mr. Earl M. Hughes. Also present were: Mr. Kenney E. Williamson, a member of the Board of Trustees; Mr. H. O. Farber, Vice President and Comptroller of the University and Comptroller of the Board of Trustees; Mr. C. S. Havens, University Director of Physical Plant Planning and Construction; Mr. James J. Costello, University Counsel; Mr. John W. Metzger, Legal Counsel for the Urbana Campus and Associate University Counsel; Mr. Grover Shipton, Director of Public Information for Chicago Circle; and Mr. R. C. Wicklund, Assistant Secretary of the Board and Clerk of the Committee.

The Committee considered the following reports and recommendations from the President of the University.

**PROPOSED FINANCING OF THE INTRAMURAL-PHYSICAL  
EDUCATION BUILDING, URBANA**

(1) Recommendations concerning proposed changes in the financing of the Intramural-Physical Education Building, Urbana, were submitted to the Board of Trustees at its meeting on July 24, 1968.

As a result of subsequent discussions, it has been determined that financing through the University of Illinois Foundation is preferable.

Accordingly, the President of the University with the concurrence of the appropriate administrative officers recommends that:

1. The Illinois Building Authority be requested to:
  - a. Terminate the interim lease dated December 1, 1967, on Project IBA-75-15.
  - b. Assign to the University of Illinois Foundation all contracts relating to this

- project which were previously assigned to the Illinois Building Authority by the University.
- c. Award a construction contract to Kuhne-Simmons Co., Inc., the low bidder, in the amount of \$8,760,000, being the total of the base bid of \$8,976,000 less deductive alternates Nos. 1 through 16, inclusive, which total \$216,000, and assign the contract to the University of Illinois Foundation. The resolution required by the Authority appears below.
  2. The University lease the site to the University of Illinois Foundation and that the Foundation be requested to provide for the construction and other costs related to this project and to construct the building. The agreement is to provide that the University may at its option lease back the property at a rental rate sufficient to amortize the Foundation's obligations incurred for this project or purchase the building from the Foundation at a sum which will permit the Foundation to retire its then existing obligations incurred for this project. The agreement may also provide that the University will pay over to the Foundation sums received from a federal grant for this project to be applied to construction or other costs of the project. It is anticipated that the total cost to be expended by the Foundation will not exceed \$10,182,615, of which \$1,082,615 will be provided through the federal grant and the balance of \$9,100,000 will be financed by the Foundation. The resolution required appears below.
  3. The President of the University be authorized to modify, as required, the application form filed for record on July 24, 1968, in the Office of the Secretary relating to the treatment of this project as a "non-instructional facility" by the State Board of Higher Education. A copy of the form, revised to this date, is being filed for record in the Office of the Secretary.

**Resolution Concerning Financing and Constructing the Intramural-Physical Education Building at the Urbana Campus**

*Be It, and It Is Hereby, Resolved* by The Board of Trustees of the University of Illinois acting through its Executive Committee as follows:

1. That the Illinois Building Authority be, and it hereby is, requested to award to the Kuhne-Simmons Co., Inc., Champaign, Illinois, a contract for the total work for the construction of the Intramural-Physical Education Building at the Urbana campus of the University of Illinois for the fixed price of \$8,760,000, representing the total of the base bid of said company of \$8,976,000 less deductive alternatives Nos. 1 through 16, inclusive, which total \$216,000, and to assign said contract to the University of Illinois Foundation, a not-for-profit corporation of the State of Illinois.

2. That the Illinois Building Authority be, and it hereby is, requested to assign to the University of Illinois Foundation all contracts relating to this project which have been previously assigned to the Illinois Building Authority by The Board of Trustees of the University of Illinois, said previously assigned contracts being more specifically identified as follows:

- a. A certain Agreement dated June 20, 1967, between The Board of Trustees of the University of Illinois, as Owner, and the Julian Engineering Company, for the replacement of steam services to the Stadium for the Urbana-Champaign campus of the University of Illinois, said Agreement having been assigned by The Board of Trustees of the University of Illinois to the Illinois Building Authority by Assignment dated August 23, 1967.

- b. A certain Agreement dated June 21, 1967, between The Board of Trustees of the University of Illinois, as Owner, and Clancy Construction Co. for the diversion of underground facilities, Intramural-Physical Education Building sanitary and storm sewers for the Urbana-Champaign campus of the University of Illinois, said Agreement having been assigned by The Board of Trustees of the University of Illinois to the Illinois Building Authority by Assignment dated August 23, 1967.

- c. A certain Agreement dated March 12, 1965, between The Board of Trustees of the University of Illinois, as Owner, and William Holabird, Harry F. Manning and Bernard H. Bradley, a partnership doing business as Holabird & Root, Architects-Engineers, for professional services in connection with the construction of the Physical Education Building for the Urbana-Champaign campus of the University of Illinois, said Agreement having been

assigned by The Board of Trustees of the University of Illinois to the Illinois Building Authority by Assignment dated December 1, 1967.

3. That the Illinois Building Authority be, and it hereby is, requested to abandon the Intramural-Physical Education Building project on the Urbana campus and to terminate the Interim Construction Lease, Project IBA-75-15, dated December 1, 1967, between the Illinois Building Authority and The Board of Trustees of the University of Illinois in accordance with its terms.

4. That the Comptroller and the Secretary of The Board of Trustees of the University of Illinois be, and they are hereby, authorized to execute, acknowledge and deliver in the name and on behalf of this corporation such instruments, agreements or other documents as may be necessary or appropriate to effectuate the foregoing.

On motion of Mr. Clement, the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Hughes, Mr. Swain; no, none; absent, none.

#### **Resolution Re Financing and Construction of Intramural-Physical Education Building, Urbana**

*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, acting through its Executive Committee, that the University of Illinois Foundation be requested to provide for the financing and construction of an Intramural-Physical Education Building at the Urbana-Champaign campus of the University of Illinois in accordance with the following outlined financing plan.

*Be It, and It Hereby Is*, further resolved by The Board of Trustees of the University of Illinois, acting through its Executive Committee and hereinafter referred to as University, that the Comptroller and Secretary of this public corporation be and they hereby are, authorized for and in the name of, and on behalf of, this public corporation:

1. To sign, execute and deliver a "Term Lease" with and to the University of Illinois Foundation, a not-for-profit corporation of the State of Illinois, hereinafter referred to as "Foundation," which Term Lease shall provide for the leasing by this public corporation of certain hereinafter described property to Foundation for a term of forty-five years; that Foundation will borrow money for the purpose of constructing, and will construct or otherwise provide on said property buildings and facilities for use as an Intramural-Physical Education building; that Foundation will expend not to exceed Ten Million One Hundred and Eighty-Two Thousand Six Hundred and Fifteen Dollars (\$10,182,615) for the completion of said buildings and facilities; that the buildings and facilities to be erected hereunder shall be for all purposes considered as personalty and title to the same shall remain in the Foundation until termination of said Term Lease; that throughout the period of the Term Lease, the University shall have an option to purchase the buildings and facilities and terminate said Term Lease; that said option may be exercised by the University at any time by paying to the Foundation a sum adequate to permit the Foundation to retire its then existing obligations incurred for this project; that Foundation will accept from the Illinois Building Authority, a public corporation of the State of Illinois, the assignment of certain contracts with respect to the construction of said Intramural-Physical Education Building now held by the Illinois Building Authority, said contracts being more specifically described as follows:

a. A certain Agreement dated June 20, 1967, between The Board of Trustees of the University of Illinois, as Owner, and the Julian Engineering Company, for the replacement of steam services to the Stadium for the Urbana-Champaign campus of the University of Illinois, said Agreement having been assigned by The Board of Trustees of the University of Illinois to the Illinois Building Authority by Assignment dated August 23, 1967.

b. A certain Agreement dated June 21, 1967, between The Board of Trustees of the University of Illinois, as Owner, and Clancy Construction Co. for the diversion of underground facilities, Intramural-Physical Education Building sanitary and storm sewers for the Urbana-Champaign campus of the University of Illinois, said Agreement having been assigned by The Board of Trustees of the University of Illinois to the Illinois Building Authority by Assignment dated August 23, 1967.

c. A certain Agreement dated March 12, 1965, between The Board of Trustees of the University of Illinois, as Owner, and William Holabird, Harry F. Manning and Bernard H. Bradley, a partnership doing business as Holabird & Root, Architects-Engineers, for professional services in connection with the construction of the Physical Education Building for the Urbana-Champaign campus of the University of Illinois, said Agreement having been assigned by The Board of Trustees of the University of Illinois to the Illinois Building Authority by Assignment dated December 1, 1967.

d. A certain construction contract yet to be awarded by said Illinois Building Authority to Kuhne-Simmons Co., Inc., an Illinois corporation, the low bidder, with respect to bids for the construction of this project received by the Illinois Building Authority and opened on June 18, 1968, by said Illinois Building Authority, said award to be in the net amount, including recommended alternates, of \$8,760,000 (the total of the base bid of \$8,976,000 less deductive alternates 1 through 16, which total \$216,000).

that with respect to all of the above-described contracts, the Foundation will assume the obligations of the Owner thereunder and relieve the Illinois Building Authority of any further responsibility with regard to the same; that said Term Lease shall be for a term of forty-five years commencing on the 15th day of September, 1968, and extending to and including the 14th day of September, 2013, or until the indebtedness incurred by Foundation in connection with the financing, constructing and equipping of said buildings and facilities has been paid and liquidated, whichever shall first occur; that the construction of said buildings and facilities for use as an Intramural-Physical Education Building shall be in accordance with plans and specification therefor as now on file in the office of the University architect of this public corporation and for which bids have been received; that as further consideration for said Term Lease, Foundation will reimburse the University for such expenses as it may have incurred in connection with this project to date; that the property to be leased to the Foundation hereunder is described as follows:

Beginning at the Southwest corner of the Southwest quarter of Section 18, Township 19 North, Range 9 East of the Third Principal Meridian, in Champaign County, Illinois, thence North along the West line of Section 18 a distance of 1,214.4 feet to the center line of Peabody Drive; thence East along the center line of Peabody Drive a distance of 383.05 feet; thence South a distance of 74.11 feet, to the true point of beginning; thence continuing South a distance of 357.23 feet; thence East a distance of 669.80 feet; thence North a distance of 357.23 feet; thence West a distance of 669.80 feet to the true point of beginning, being a part of lots 9, 10, 11, and 12 of William Williamson's subdivision of the West one-half of the Southwest quarter of said Section 18, containing 5.49 acres more or less.

2. To sign, execute and deliver a "Building Lease" with and to the Foundation which Building Lease shall provide that this public corporation will sublease the above-described property together with the buildings and facilities to be erected thereon from the Foundation for a period of two years beginning July 1, 1969 and ending June 30, 1971, for a rental sufficient to amortize the Foundation's obligations incurred for this project over a period of thirty-five years; that no rental shall be due from the University to the Foundation under the terms of said Building Lease until the buildings and facilities to be constructed thereon have been completed and ready for occupancy; that said rental shall be payable in quarter annual installments on the first day of January, April, July and October in each year, beginning on the first such day after said buildings and facilities to be erected pursuant hereto have been completed and ready for occupancy; that said Building Lease shall contain options giving to the University the right to renew said sublease for successive two-year periods from July 1 of each odd-numbered year to June 30 of the next succeeding odd-numbered year by giving written notice to Foundation between the first and fifteenth day of July in each year when such renewal is to be made, to and including June 30, 2006; that said Building Lease shall provide that this corporation subject to the availability of funds which may lawfully be applied to the payment of such rental will exercise said options for renewal for such biennial periods; provided, however, that upon purchase of the buildings and facilities to be erected pursuant hereto by the Uni-



versity under its option to purchase as provided for in the Term Lease, the University's obligation to renew as herein provided shall terminate.

3. Subject to the approval of the Department of Health, Education and Welfare of the United States of America, to transfer or assign to the University of Illinois Foundation those funds (\$1,082,615) to be received by the University pursuant to a certain Grant Agreement by and between The Board of Trustees of the University of Illinois and the Department of Health, Education and Welfare, Office of Education, Bureau of Higher Education, dated May 18, 1967, for Project Number ILL 4-2770 made pursuant to Title I of the Higher Education Facilities Act of 1963, now designated as Project Number 4-5-00034-0.

4. To commit this public corporation to act as agent for Foundation in the supervision of construction and administration of contracts therefor and change orders thereto, and the administration and service of the indebtedness of the Foundation incurred for this project, and in making payments of and disbursements from and of funds made available by the creditor of Foundation for the purpose of said construction project.

5. To sign, execute, acknowledge and deliver any and all other documents and instruments deemed necessary or desirable by said Comptroller and said Secretary to accomplish the purposes herein set forth.

On motion of Mr. Clement, the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Hughes, Mr. Swain; no, none; absent, none.

#### APPROPRIATIONS FOR NONRECURRING EXPENDITURES

(2) The Chancellor of the Urbana-Champaign campus recommends the following appropriation from the Urbana-Champaign General Reserve:

College of Communications

Radio Station — relocation and modernization of

WILL-FM transmitter ..... \$ 92 000 00

After review by the Medical Center Committee on Nonrecurring Appropriations, the Chancellor of the Medical Center campus recommends the following appropriations from the Medical Center General Reserve:

College of Pharmacy

Department of Chemistry — equipment ..... \$ 15 340 00

Renovation and Remodeling for which funds are assigned to the Physical Plant Department:

Remodeling and cleaning of the ventilation system in the Medical

Research Laboratory ..... 41 000 00

*Total, Medical Center General Reserve* ..... \$ 56 340 00

*Grand Total* ..... \$148 340 00

The Executive Vice President and Provost and the Vice President and Comptroller concur.

I recommend approval.

On motion of Mr. Hughes, these appropriations were made by the following vote: Aye, Mr. Clement, Mr. Hughes, Mr. Swain; no, none; absent, none.

#### CONTRACT FOR UNDERGROUND PIPING WORK FOR CHILLED WATER SERVICE TO SMITH MEMORIAL HALL, URBANA

(3) The President of the University, with the concurrence of appropriate administrative officers, recommends award of a contract to Bellis & Miller, Inc., Champaign, the low bidder, for the sum of \$29,385 for construction of chilled water service to Smith Memorial Hall, Urbana.

Funds are available in the 1967-69 state capital appropriations to the University and have been released by the Governor.

Submitted herewith is a report from the Physical Plant Department, 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. Hughes, the contract was awarded by the follow-

ing vote: Aye, Mr. Clement, Mr. Hughes, Mr. Swain; no, none; absent; none.

**EMPLOYMENT OF ENGINEERS FOR IMPROVEMENTS AT  
UNIVERSITY OF ILLINOIS-WILLARD AIRPORT**

(4) The President of the University, with the concurrence of the Vice President and Comptroller and the Director of the Institute of Aviation, recommends the employment of J. M. Audd & Associates, Springfield, Illinois, for engineering services required in the design and installation of lights and signs for the taxiway to Runway 13-31 at the University of Illinois-Willard Airport. The proposed fee is in accordance with Schedule B of the "Manual of Practice for Professional Engineers in Private Practice" (Manual III) as approved and published by the Illinois Society of Professional Engineers. The total estimated fee amounts to \$9,300. The actual fee will be based on actual costs of the project.

Funds are temporarily available from Airport Operations for payment to the engineers until permanent financing is obtained from a grant that has been tentatively offered by the Federal Aviation Administration, Illinois Project 69A-11-471, FAA Project 9-11-026-07. Professional engineering services are required in connection with the preparation of plans, specifications, and bidding documents to accompany the formal grant application to the Federal Aviation Administration.

On motion of Mr. Clement, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Hughes, Mr. Swain; no, none; absent, none.

**INCREASE IN CONTRACT FOR ARCHITECTURAL AND ENGINEERING  
SERVICES, CHICAGO CIRCLE**

(5) The President of the University, with the concurrence of the appropriate administrative officers, recommends an increase of \$50,000 in the estimated fee in the contract with Skidmore, Owings & Merrill, Chicago, for complete architectural and engineering services for Site Development and Coordinating Services, Chicago Circle.

Funds are available in state capital appropriations to the University for 1967-69 and have been released by the Governor.

On motion of Mr. Hughes, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Hughes, Mr. Swain; no, none; absent, none.

**LEASE OF SPACE AT 610 SOUTH SIXTH STREET,  
CHAMPAIGN, ILLINOIS**

(6) The President of the University, with the concurrence of the appropriate administrative officers, recommends that the Board of Trustees request the University of Illinois Foundation to lease the second floor (3,000 square feet) of 610 South Sixth Street, Champaign, Illinois, and a basement storage room at the same address at an annual rental of \$9,450 for a period beginning on or about November 1, 1968, and extending for a ten-year period thereafter. The Foundation would sublease the space to the University at the rental indicated from the beginning of the period to June 30, 1969, and on a biennial basis thereafter.

This space will be improved and renovated by the owner in accordance with University recommendations and is to be used to relocate the Campus Planning Office of the University Planning and Construction staff.

Funds for rental and operation until June 30, 1969, are available in the Physical Plant budget. Funds required after that date will be requested in the budget of the Physical Plant Department on an annual basis.

On motion of Mr. Clement, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Hughes; present, Mr. Swain; no, none; absent, none.

**LEASE WITH HENDRICK DORMS, INC., CHAMPAIGN,  
FOR THE POLICE TRAINING INSTITUTE**

(7) The President of the University recommends that the Vice President and Comptroller and the Secretary be authorized to execute a lease for the second floor

of Hendrick House at 904 West Green Street, Urbana, Illinois, to provide housing and meals for individuals attending courses offered by the Police Training Institute between September 16, 1968, and June 13, 1969.

Hendrick Dorms, Inc. will make available forty-eight spaces and arrange for bus service between Hendrick House and the University Armory for the sum of \$34,800. In addition, meal service will be provided for each of the registrants for \$18.75 per week. The cost of this contract will be recovered through charges to the registrants.

On motion of Mr. Clement, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Hughes, Mr. Swain; no, none; absent, none.

#### PURCHASES

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

The list of purchases recommended for Board approval was presented in two categories: purchases from appropriated funds (i.e., from state appropriations to the University) and purchases from institutional funds. The latter term designates funds received by the University under contracts with the United States government, contracts with private corporations, and other organizations, funds from foundation grants, and grants from corporations and other donors, and University revolving funds authorized by law.

The total amounts of these purchases were:

From Appropriated Funds.....	\$275 435 10
From Institutional Funds.....	247 403 27
<i>Grand Total</i> .....	<i>\$522 838 37</i>

On motion of Mr. Clement, the purchases recommended were authorized.

The business of the meeting having been concluded, on motion of Mr. Clement, the Executive Committee adjourned.

HOWARD W. CLEMENT  
EARL M. HUGHES  
TIMOTHY W. SWAIN, *Chairman*  
The Executive Committee of  
The Board of Trustees  
of the University of Illinois

R. C. WICKLUND  
*Assistant Secretary and Clerk*

On motion of Mr. Grimes, the Board ratified, approved, and confirmed all of the actions of the Executive Committee as reported.

#### FINANCE COMMITTEE MEETING

The President of the Board asked the Chairman of the Finance Committee to convene the Committee to consider Part I of the Biennial Budget Request for Operations for 1969-71. All members of the Committee were present with Mr. Grimes in the Chair. The President of the University discussed the general background of the budget development and assumptions and procedures involved and the Executive Vice President and Provost as Chairman of the University Budget Committee presented a comprehensive analysis for the Board.

Mr. Lanier also recommended that, at the request of the Executive Director of the Board of Higher Education, the sum of \$915,630 (for equipment for conversion from black-white to color television) be transferred from the capital budget request to the operating budget request. Following general discussion, on motion of Mr. Kenney E. Williamson, the Committee recommended the adoption of the operating

budget request as submitted, including an amendment to transfer the request for television equipment as indicated. The motion was unanimously approved.

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

#### **PRESIDENT'S REPORT**

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

#### **THE STUDENT DISTURBANCE OF SEPTEMBER 9, 1968**

(1) President Henry introduced the subject of the student disturbance of September 9 at the Urbana campus, noting that since the event the administrative officers had attempted to keep the Trustees informed by means of telephone and written memoranda. He suggested that the subject could not be fully considered at the present meeting, inasmuch as disciplinary procedures were involved and the results not yet known. He stated that a full report would be provided the Trustees as soon as possible.

Mr. Swain expressed the Board's concern and deplored the behavior of those involved. He announced that he had appointed a subcommittee of Trustees to develop a position statement for the Board to consider. (The members of the subcommittee were Messrs. Hughes, Clement, Grimes, and Jones.) Mr. Jones presented the subcommittee's statement and asked for the concurrence of the Board in its adoption. Mr. Williamson moved that the statement be adopted. The text is as follows:

In view of the unfortunate events in the Illini Union at Urbana on September 9 and the seriousness of the incident, and our conviction that the people of Illinois should clearly understand the views of the Trustees, it is believed that the following general comments are in order:

It is clear that a disturbance of this nature required prompt action, and it is clear that prompt action was in fact taken. It is evident that the police were well prepared to deal with such matters, fairly and effectively, and the Trustees are appreciative of the high degree of professional responsibility that characterized the action of the police.

In view of previous actions of the Trustees and the University administration, there can be no uncertainty, within the University community or outside of it, that the Board of Trustees considers acts of violence, disruption, and interference with the rights of others to be wholly antagonistic to the spirit and purpose of the University of Illinois. Such actions constitute unacceptable behavior on the part of any University student or member of the faculty and staff. It is equally true that the principle of due process and the maintenance of procedures guaranteeing equitable treatment for all who are charged with such behavior are constitutional precepts by which this University must continue to be operated.

The Trustees do not expect on the one hand that illegal acts will be tolerated; neither on the other hand do they expect that those who are accused of such acts will receive capricious judgment. Therefore, the Board heartily endorses the firm yet fair statement of the Urbana Senate Committee on Student Discipline which provides guidance for the disciplinary procedure now in process.

The Trustees firmly believe that the "Project 500" at the Urbana campus, and a similar undertaking at the Chicago Circle campus, are worthy of the continued support of the University and of the people of Illinois. These constitute ambitious efforts to make significant institutional contributions to the education of young people who have not heretofore received the full attention of American society. These efforts must be continued and they must succeed, but it is obvious that incidents such as the one under review can place these programs and their potential for success in jeopardy.

We understand that a considerable number of the students participating in "Project 500" were in no way involved in the disturbance of September 9; the degree of involvement of several others will be determined by the investigation now

underway and in accord with established University procedures. Some of the individuals involved were not students, and are being dealt with by the civil authorities.

The Board expects to receive promptly a full report on the disposition of the disciplinary aspects of the disturbance, and this report will be made available to those who wish to receive it.

Following general discussion and questions of President Henry and Chancellor Peltason concerning the incident, the statement was unanimously adopted.

At this point, Mr. Jones was excused from the meeting.

#### BIENNIAL OPERATING BUDGET FOR 1969-71—PART I

(2) Submitted herewith is Part I of the biennial operating budget for 1969-71, being the estimates of state appropriations required by the University during the biennium. These provisional budget estimates have been prepared by the Executive Vice President and Provost and the Vice President and Comptroller in consultation with the University Budget Committee,<sup>1</sup> with the Chancellors and other administrative officers concerned.

I recommend approval of these budget estimates by the Board of Trustees for filing with the State Department of Finance, as required by law, and for presentation to the state administration, the Board of Higher Education, and other state agencies involved in budget considerations.

On motion of Mr. Grimes, the budget and other related recommendations were approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Pogue, Mr. Swain, Mr. Williamson; no, none; absent, Mr. Jones, Mr. Page, Governor Shapiro, Dr. Weatherly.

#### I. Introduction

The request of the University of Illinois for increases in appropriations for operations during 1969-71 follows a format and guidelines issued by the staff of the Illinois Board of Higher Education. The following categories have been established for the classification of budget proposals:

- I. Adjustments to the Base Budget
- II. Statutory Increases
- III. Salary Adjustments
- IV. Increased Enrollment
- V. Operating Costs of New Buildings
- VI. Price Increases
- VII. Refunds
- VIII. New Programs
- IX. Program Improvements and Expansion
- X. Other Specific Items

In order to facilitate its review of budget requests for 1969-71, the Board of Higher Education has asked the state universities to submit their proposals in two parts and by two corresponding dates:

1. *Part I*, consisting of Sections V, VIII, IX, and X in the preceding list—to be submitted by October 1, 1968.
2. *Part II*, consisting of the remaining sections (I, II, III, IV, VI, and VII)—to be submitted by November 1, 1968.

Most of the categories in Part II are related to budget formulae or procedures developed by the staff of the Board of Higher Education, in consultation with a Budget Formula Committee consisting of institutional representatives. Most of

<sup>1</sup> University Budget Committee: Lyle H. Lanier, Executive Vice President and Provost, *Chairman*; Daniel Alpert, Professor of Physics and Dean of the Graduate College; Joseph S. Begando, Chancellor at the Medical Center; H. O. Farber, Vice President and Comptroller; William I. Goodman, Professor of Urban Planning and Chairman of the Department of Urban Planning, Urbana; William J. Grove, Professor of Surgery and Dean of the College of Medicine, Medical Center; Morris S. Kessler, Assistant Comptroller (Staff Associate); Norman A. Parker, Chancellor at Chicago Circle; Jack W. Peltason, Chancellor at Urbana-Champaign; William F. Sager, Professor of Chemistry and Head of the Department of Chemistry, Chicago Circle; Martin L. Zeigler, Associate Provost and Director of Institutional Studies (Staff Associate).

these formulae require the use of official enrollment figures for the 1968-69 fall term, which will not be available until about October 10. Hence the requests in Part II categories can not be prepared until after that date. The proposals under Part I categories, however, are not directly related to 1968-69 enrollment figures and they can be formulated and reviewed earlier.

Reflecting its organizational structure, the University's requests for 1969-71 budget increases in the Part I categories will be presented separately for each of its three campuses and for University-wide programs. The total amounts requested for the four administrative units, under the several budget categories of Part I, are summarized in the next section (Section II). In addition to the budget totals, the major improvements and new developments proposed for 1969-71 are briefly identified. Detailed descriptions of the campus and all-University requests are then presented in Sections III (Chicago Circle campus), IV (Medical Center campus), V (Urbana-Champaign campus), and VI (general University programs).

## **II. Summary of Increases Requested for Part I of Biennial Budget for Operations — 1969-71**

The increases in operating funds requested for 1969-71 under each of the four budget categories of Part I are summarized in Table I — with breakdowns showing campus and University-wide totals.

The overall total of \$23,834,423 is less than half the amount originally proposed by the various administrative units. Reductions were made in the light of extensive discussions among administrative officers and after review by the University Budget Committee.<sup>1</sup>

### **Operating Costs of New Buildings and Other Space**

A total of \$5,054,491 is requested for the operation and maintenance of the following buildings: (a) fourteen new buildings (including major additions) to be occupied during 1969-71, and (b) four buildings completed and occupied during 1967-69 but for which maintenance funds for a full biennium have not yet been provided. These structures have all been financed through the Illinois Building Authority. The total also includes funds for the operation and maintenance of: (a) several minor structures that have been constructed by the University from general-revenue appropriations, and (b) new parking facilities and rental space.

The amounts requested have been determined in accordance with procedures outlined in the instructions for budget preparation issued by the Office of the Board of Higher Education.

The following are the new buildings to be used for the first time during 1969-71:

#### *Chicago Circle*

Behavioral Sciences Center  
Education and Communications Building  
Physical Education Building  
Science and Engineering Building

#### *Medical Center*

College of Dentistry Building  
College of Nursing Building  
Medical Research Laboratory Addition  
Office Building

#### *Urbana-Champaign*

Foreign Languages Building  
Freer Gymnasium Addition  
Library — Fifth Stack Addition  
Music Building

Natural History and Geological Survey Building (administered by the Illinois Department of Registration and Education but maintained by the University)

Small Animal Clinic and Hospital

<sup>1</sup> The membership of the University Budget Committee is as follows: the Executive Vice President and Provost (Chairman), the Vice President and Comptroller, the three Chancellors, the Dean of the Graduate College, and a representative of the faculty Senate at each of the three campuses.

**Table I. University of Illinois: Summary of Increases Requested for Part I of 1969-71 Budget for Operations**

Category and Campus	Annual Increases		Biennial Total
	1969-70	1970-71	
<i>Operating Costs of New Buildings and Other Space</i>			
1. Chicago Circle campus.....	\$ 887 399	\$ 648 284	\$ 2 423 082
2. Medical Center campus.....	201 286	493 277	895 849
3. Urbana-Champaign campus.....	543 765	648 030	1 735 560
Total (New Buildings).....	(1 632 450)	(1 789 591)	(5 054 491)
<i>New Programs</i>			
1. Chicago Circle campus.....	769 800	314 600	1 854 200
2. Medical Center campus.....	851 500	919 000	2 622 000
3. Urbana-Champaign campus.....	1 581 640 <sup>1</sup>	-581 380	2 581 900
Total (New Programs).....	(3 202 940)	(652 220)	(7 058 100)
<i>Program Expansion and Improvement</i>			
1. Chicago Circle campus.....	576 929	147 684	1 301 542
2. Medical Center campus.....	223 300	190 300	636 900
3. Urbana-Champaign campus.....	588 317	147 340	1 323 974
4. General University programs....	147 342	74 147	368 831
Total (Program Improvement)...	(1 535 888)	(559 471)	(3 631 247)
<i>Other Increases</i>			
1. Chicago Circle campus.....	783 319	49 452	1 616 090
2. Medical Center campus.....	1 173 400	310 670	2 657 470
3. Urbana-Champaign campus.....	977 835 <sup>2</sup>	-123 260	1 832 410
4. General University programs....	1 431 580 <sup>3</sup>	-878 545	1 984 615
Total (Other Increases).....	(4 366 134)	(-641 683)	(8 090 585)
<i>Grand Total, All Budget Categories.....</i>			
	\$10 737 412 <sup>4</sup>	\$2 359 599	\$23 834 423
<i>Campus and General University Totals</i>			
1. Chicago Circle campus.....	\$ 3 017 447	\$1 160 020	\$ 7 194 914
2. Medical Center campus.....	2 449 486	1 913 247	6 812 219
3. Urbana-Champaign campus.....	3 691 557	90 730	7 473 844
4. General University programs....	1 578 922	-804 398	2 353 446
Grand Total.....	\$10 737 412 <sup>4</sup>	\$2 359 599	\$23 834 423

### New Programs

*Chicago Circle Campus.* A major program of research and development in urban education is proposed, with broad interdisciplinary participation. New instructional proposals include: seven doctoral programs for the training of college teachers (biology, engineering, English, German, physics, psychology, sociology); undergraduate and graduate programs in special education and teacher education for community colleges; the establishment of two new departments (Classics, Slavic Languages).

*Medical Center Campus.* The funds requested would enable the University to take major steps towards the implementation of the recommendations in the *Report on Education in the Health Fields*—including the expansion of medical enrollment, and the establishment of regional clinical centers, a Graduate School of Public Health, and a curriculum in medical dietetics.

*Urbana-Champaign Campus.* The new instructional proposals include: the initiation of formal medical education in 1970-71, in response to the *Report on Education in the Health Fields*; and three new doctoral programs (geophysics, social work, urban planning). Research programs are proposed in computer-based education, elementary education for disadvantaged students (a University-community

<sup>1</sup> Of this amount, the sum of \$800,000 is nonrecurring and is subtracted in the second year.

<sup>2</sup> Of this amount, the sum of \$200,000 is nonrecurring and is subtracted in the second year.

<sup>3</sup> Of this amount, the sum of \$915,630 is nonrecurring and is subtracted in the second year.

<sup>4</sup> Of this amount, the sum of \$1,915,630 is nonrecurring and is subtracted in the second year.

development program), human resources and manpower, soybean development and uses, and transportation.

### **Program Expansion and Improvement**

*Chicago Circle Campus.* A major increase in the research and development activities of the Center for Urban Studies is proposed. Other requests include funds for the strengthening of undergraduate education (honors study, undergraduate advisement), graduate fellowships, equipment for chemistry laboratories, supervision of teacher education, and expansion of the program in criminal justice.

*Medical Center Campus.* Funds are requested for the administrative reorganization of the College of Nursing (establishing departmental organization for the first time) and for special costs related to the occupancy and effective use of the new College of Nursing Building. In addition, budget increases are sought for instructional television, academic advisers in the College of Medicine, and the Medical Research Laboratory.

*Urbana-Champaign Campus.* Budget additions are needed to offset deficiencies in federal appropriations for the Agricultural Experiment Station and the Cooperative Extension Service, to supplement the budget of the Krannert Center for the Performing Arts, to provide badly needed staff additions for the College of Veterinary Medicine, and to expand the work of the Office of Laboratory Animal Care (in compliance with new federal laws and regulations).

*General University Programs.* The three proposals under this heading are submitted for the Division of University Extension: (a) expansion of the regular extramural course offerings and enrollment (both credit and noncredit courses); (b) specialized and advanced training for law-enforcement officers, through expansion of the program of the Police Training Institute; (c) training courses for upgrading the skills of nonacademic employees — offered at all three campuses.

### **Other Increases**

The requests classified under "Other Increases" include mainly support for important campus-wide or all-University programs and services.

*Chicago Circle Campus.* A proposal for educational assistance to "disadvantaged" students heads the list of Chicago Circle requests. In addition, special support is requested for the Library, the Computer Center, and the establishment of a Personnel Services Office.

*Medical Center Campus.* Budget additions for the Research and Educational Hospitals and for the Division of Services for Crippled Children — to meet cost increases — are the principal requests from the Medical Center under this heading. Other proposals include: (a) expansion of computer services for research and instruction; (b) the establishment of an Office of Institutional Studies.

*Urbana-Champaign Campus.* Special funds are sought for educational assistance to disadvantaged students, Library acquisitions, computer services (for instruction and research), and departmental expense budgets.

*General University Programs.* The principal request is for funds to improve and expand administrative data-processing services at all three campuses — especially for the Chicago Circle and the Medical Center campuses. (These activities are administered on a University-wide basis.) Support is also sought for: (a) improved programming for the University's public broadcasts (including the change from black-white to color television programs); (b) improved planning and coordination of extension and public-service activities at the three campuses.

### **General Comment**

Viewed as a whole, the University's planning for 1969-71 reflects strong emphasis upon new and improved programs concerned with major social problems and needs. This is seen particularly in the preponderance of interdisciplinary research proposals, which by their very nature are "problem-oriented" in contrast to more traditional "departmental" investigations. It is important to note also that several of the interdisciplinary programs involve intercampus cooperation — a point to be developed in the detailed discussion of them later.

A second major aspect of the planning for 1969-71 is the concern with critical problems of urban society — as the focus for most of the interdisciplinary effort. Studies of urban education in general, educational problems of disadvantaged college students, improved economic utilization of human resources, urban transporta-



tion systems, urban planning, and the study of health care—all these represent a massive, University-wide effort to assist local communities, the state, and the nation in finding solutions to some of the most critical problems of our time.

Another significant trend is the extensive program of expansion of education in the health fields—especially the involvement of all three campuses and regional centers throughout the State in the long-range development of medical education at all levels (undergraduate, graduate, and postgraduate).

The following four sections will describe these and other programs in some detail. As already noted, a separate section will be devoted to the proposals for each campus and one to those of University-wide scope.

### III. Chicago Circle Campus

Several types of considerations underlie the requests for special support of programs at the Chicago Circle campus during 1969-71: (a) the extraordinarily rapid growth in enrollment, with a shifting "mix" of students towards upper-division and graduate levels of study; (b) the need to expand and intensify efforts to recruit and encourage "disadvantaged" students from the Chicago area; (c) the need to expand research and developmental studies of urban problems, with particular reference to urban education; (d) the proposed addition of seven new doctoral programs, both to provide additional opportunities for advanced study to Chicago-area residents and to increase the supply of college teachers; (e) serious deficiencies in the resources available for the development of the Library and for the support of computer facilities for instruction and research. The nature and the magnitude of all these needs are such that it would simply be impossible to meet them from the funds provided under the budget formulae relating to enrollment and price increases.

A list of the proposals submitted for the Chicago Circle campus is presented in Table II—classified under the four budget categories being used for Part I of the 1969-71 budget request. In the case of "New Programs" and "Program Expansion and Improvement," the projects are further grouped under the headings "instruction" and "research."

The total of \$7,194,914 represents a sharp reduction from the aggregate of original departmental proposals amounting to more than double the funds presently requested. Screening at various campus administrative levels reduced the askings submitted first by the Chancellor to total slightly more than \$9,000,000. The further reduction to the level shown in Table II has been made partly by further review at campus level and partly upon recommendation of the University Budget Committee.

#### Operating Costs of New Buildings and Other Space

The funds needed for the operation and maintenance of new buildings at the Chicago Circle campus—and for the rental of space for a program administered from the Urbana-Champaign campus—are listed in Table III. A total of \$2,423,082 for the biennium is requested.

The amounts for the maintenance of the four new buildings to be occupied during 1969-71 have been determined in accordance with procedures outlined in the budget instructions issued by the Office of the Board of Higher Education. A standard rate of \$1.50 per gross square foot per year has been defined to be the "norm" for such costs, based partly upon data derived from the cost studies conducted under the aegis of the staff of the Board of Higher Education. Careful studies by the Physical Plant Department at the Chicago Circle campus have shown, however, that it would not be possible to operate and maintain the four buildings listed in Table III at this rate. Accordingly, the higher rates shown in the third column of Table III have been determined in accordance with procedures established by Task Force 4—a subcommittee of the Budget Formula Committee, which is advisory to the staff of the Board of Higher Education.

The item of \$6,800 for the biennium shown in Table III would provide funds for the lease of space needed for a new program to be administered by the Urbana-Champaign Institute of Labor and Industrial Relations. Since the program would be conducted mainly in the Chicago area, arrangements for the lease of space would be made through the Physical Plant Department at the Chicago Circle campus.

#### New Programs

##### Instruction

1. *New Doctoral Programs (\$698,900).* Four programs leading to the Ph.D. degree have already been established at the Chicago Circle campus in the following fields: chemistry, history, mathematics, and philosophy.

**Table II. Chicago Circle Campus: Summary of Increases Requested for Part I of 1969-71 Budget for Operations**

Category and Program	Annual Increases		Biennial Total
	1969-70	1970-71	
<i>Operating Costs of New Buildings and Other Space</i> .....	\$ 887 399	\$ 648 284	\$2 423 082
<i>Total (New Buildings)</i> .....	(887 399)	(648 284)	(2 423 082)
<i>New Programs</i>			
Instruction			
1. Doctoral programs.....	356 400	— 13 900	698 900
2. Special education (teacher training)	50 000	30 000	130 000
3. Teacher education (community colleges).....	29 500	18 000	77 000
4. Two new departments.....	56 400		112 800
Research			
Urban education.....	277 500	280 500	835 500
<i>Total (New Programs)</i> .....	(769 800)	(314 600)	(1 854 200)
<i>Program Expansion and Improvement</i>			
Instruction			
1. Graduate College (fellowships, other student aid).....	70 800		141 600
2. Department of Chemistry (supplement to NSF grant).....	40 000	20 000	100 000
3. Undergraduate advisement.....	83 000		166 000
4. Undergraduate honors programs...	109 450	13 500	232 400
5. Supervision of teacher education...	51 379	38 584	141 342
6. Criminal justice (technology laboratory).....	41 000		82 000
Research			
Center for Urban Studies.....	181 300	75 600	438 200
<i>Total (Program Improvement)</i> ....	(576 929)	(147 684)	(1 301 542)
<i>Other Increases</i>			
1. Educational assistance to disadvantaged students.....	302 269	49 452	653 990
2. Library acquisitions and services...	210 000		420 000
3. Computer Center (instruction and research services).....	239 500		479 000
4. Personnel Services Office.....	31 550		63 100
<i>Total (Other Increases)</i> .....	(783 319)	(49 452)	(1 616 090)
<i>Grand Total, Chicago Circle Campus</i>	<u>\$3 017 447</u>	<u>\$1 160 020</u>	<u>\$7 194 914</u>

Proposals for the establishment of seven additional Ph.D. programs have already received faculty approval. One of them has been approved by the Board of Trustees and is now under review by the Board of Higher Education (engineering — solids and fluids). Five others will be presented to the Board of Higher Education during the present academic year: biology, German, physics, psychology, and sociology. These departments are believed clearly to meet the standards of quality established for the programs already approved, and it is hoped that they can be initiated in September, 1969. The seventh program, a doctorate in English, is being planned for initiation in 1970.

These new doctoral programs will serve several important purposes: (a) help to meet the growing shortage of college teachers; (b) provide the only opportunities available to students in the Chicago area for advanced graduate study in a public university; (c) supply the junior academic staff needed to assist senior faculty members in teaching the rapidly expanding enrollment; (d) facilitate the addition and retention of faculty of high quality, thus enhancing the University's capability for contributing to the intellectual, economic, and cultural development of the Chicago metropolitan area.

In order to offer these advanced programs, it will be necessary to have special funds for staff, expense, and equipment beyond the amounts provided by the enrollment-increase formula. A sound graduate program requires that both faculty and

Table III. Funds Needed for Operation of New Buildings, Chicago Circle Campus

Facility	Floor Area Gross Square Feet	Occupancy Date	Annual Cost per Gross Square Feet	Annual Funds 1969-70	Increase 1970-71	Total 1969-71
<i>New Buildings — 1969-71</i>						
Behavioral Sciences Center.....	231,900	9-69	\$1,870 <sup>1</sup>	\$361,378	\$ 72,275	\$ 795,031
Education and Communications Building.....	131,864	12-70	1,831 <sup>1</sup>		140,842	140,842
Physical Education Building.....	221,621	9-70	1,747 <sup>1</sup>		322,643	322,643
Science and Engineering Building.....	330,424	9-69	1,898 <sup>1</sup>	522,621 (883,999)	104,524 (640,284)	1 149 766 (2 408 282)
Subtotal.....						
Parking Facilities (Surface).....	240,000	3-71	.10		8 000 (8 000)	8 000 (8 000)
Subtotal.....						
<i>Leasehold Property Activated During 1969-71 Biennium</i>						
Space for Human Resources and Manpower Program.....	1,000	7-69	3.400	3 400 (3 400)		6 800 (6 800)
Subtotal.....				\$887,399	\$648,284	\$2 423 082
Total.....						

<sup>1</sup> Additional cost calculated using formulae of Task Force 4 (a subcommittee of the Budget Formula Committee, which is advisory to the staff of the Board of Higher Education).

breadth of course offerings reach a critical size, and initially the student-staff ratio will be abnormally low — in comparison with well-established programs. Analogous considerations apply to laboratory equipment and services, which must be available at a minimally satisfactory level irrespective of size of enrollment.

2. *Teacher-Training Program in Special Education (\$130,000).* The program in "special education" would provide training for teachers of mentally retarded and emotionally disturbed children — as well as those with other "learning disabilities." The shortage of qualified teachers in this general field is so acute that the General Assembly at its last session enacted a bill requiring local school boards by July 1, 1969, to establish and maintain special-education facilities and to provide instruction for the types of handicapped children defined by law. Resolutions were also passed urging all state-supported colleges and universities to develop or expand special-education programs for the preparation of the teachers needed to meet these requirements.

The funds requested in this proposal would help to meet the extraordinary costs associated with instruction in this field, as well as the initial costs necessary in the establishment of the program. A detailed breakdown of these costs, in addition to those met from the enrollment-increase formula, is as follows:

	1969-70		1970-71		Biennial Total
	FTE	Amount	FTE	Amount	
Academic staff . . . . .	2.5	\$41 000	1.5	\$21 000	\$103 000
Nonacademic staff . . . . .	1.0	6 000	1.0	6 000	18 000
Expense and equipment . . . . .		3 000		3 000	9 000
<i>Total</i> . . . . .		<u>\$50 000</u>		<u>\$30 000</u>	<u>\$130 000</u>

3. *Education of Teachers for Community Colleges (\$77,000).* This would be an interdisciplinary program conducted under the aegis of the Dean of Faculties, who serves as chairman of the Chicago Circle Council on Teacher Education. The general purpose of the program is to develop special curricula leading to the master's degree for community-college teachers. Curricula would be organized in each of the major academic areas taught in junior colleges, and for each of them a special area committee would be established consisting of the following members: representatives from the subject-matter department, faculty members from the division of educational psychology and the division of higher education, representatives from community colleges, and faculty representatives of disciplines contributing to the understanding of the special problems in urban education.

The budget request for \$77,000 for the biennium would meet the special costs of planning, coordination, and evaluation of these programs — in addition to the teaching-salary costs beyond those met from budget-formula funds. The detailed increases are as follows:

	1969-70		1970-71		Biennial Total
	FTE	Amount	FTE	Amount	
Academic staff . . . . .	1.0	\$22 000	1.0	\$18 000	\$62 000
Nonacademic staff . . . . .	1.0	6 000			12 000
Expense and equipment . . . . .		1 500			3 000
<i>Total</i> . . . . .		<u>\$29 500</u>		<u>\$18 000</u>	<u>\$77 000</u>

4. *The Establishment of Two New Departments (\$112,800).* The Board of Trustees has approved the establishment of a Department of Classics and a Department of Slavic Languages. Recommendations for formal approval of these departments are being prepared for presentation to the Board of Higher Education. (Instruction in both these fields is currently offered at the Chicago Circle campus — the courses in Classics under the supervision of the Department of English and the courses in Russian under the supervision of the Department of German.)

For the establishment of each of these departments, funds would be needed for the salary of the head of the department (\$20,000), a secretary (\$5,700), and expense and equipment (\$2,500). For the two departments, then, the sum of \$56,400 per year would be required, or \$112,800 for the biennium.

#### *Research*

*Urban Education Research Program (\$835,500).* This is the only new research program proposed for initiation at the Chicago Circle campus during 1969-71. It will be administered by the College of Education at Chicago Circle — in collabora-

tion with the University's Center for Urban Studies, the Urbana-Champaign College of Education, and other departments and units of the University interested in the broad spectrum of studies to be sponsored under this continuing program. Special attention will be given to the education of students from culturally and educationally disadvantaged backgrounds, and the program will be conducted at various educational levels (preschool, elementary, secondary, and college).

Among the problems to be studied are the following: (a) the identification and assessment of the psychological characteristics of school children, including intellectual and nonintellectual factors influencing educational achievement; (b) environmental and cultural determinants of academic interests and success; (c) teaching materials and techniques appropriate to the education of disadvantaged students; (d) interracial problems in school organization and operation. Plans have been discussed with officials of the Chicago public schools for the participation of the University in the development of a "cultural educational cluster" near the Chicago Circle campus. This center would provide excellent laboratory facilities for experimentation and developmental work in many aspects of urban education.

The budget of \$277,500 for 1969-70 would include salaries for the program director, 8.0 FTE faculty members, 9.0 FTE graduate assistants and other academic personnel, 2.5 FTE nonacademic employees — plus funds for wages, expense, and equipment. In the second year of the biennium, the staff would be increased further by 15.0 FTE academic staff members and 7.0 FTE nonacademic staff members — for a budget addition of \$280,500.

It is important to emphasize that this program would enlist the cooperation of faculty members in many departments who would participate in the research while carrying on teaching activities on a part-time basis. It would also lend significant support to the development of graduate study in education and in the social sciences at the Chicago Circle and the Urbana-Champaign campuses.

### **Program Expansion and Improvement**

#### *Instruction*

1. *Financial Aid for Graduate Students — Graduate College (\$141,600)*. Under the reorganization of the University, separate graduate colleges have been established at each of the three campuses. Since graduate study is new at the Chicago Circle campus, very little money is available for fellowships and other financial support for graduate students. Funds for thirteen graduate fellowships have been provided in the budget for 1968-69, but additional fellowships are needed beyond what could be provided from enrollment-increase funds. It is proposed, therefore, that twenty-five additional fellowships be funded, at a biennial cost of \$100,000. This would permit the new Graduate College at the Chicago Circle campus to expand somewhat its aid to promising graduate students.

In addition, the sum of \$20,800 per year (\$41,600 for the biennium) is requested for use by the Graduate College in making small research grants to faculty members for the employment of half-time research assistants.

2. *Funds for Equipment to the Department of Chemistry — to Supplement a Grant from the National Science Foundation (\$100,000)*. Under a new program established two years ago by the National Science Foundation, the Department of Chemistry at the Chicago Circle campus has received a grant of \$545,000, to be used over a three-year period for the improvement of its new graduate program. The funds would provide for additional academic staff, graduate and postdoctoral fellowships, nonacademic staff, backfiles of research journals, and various items of equipment. No matching funds were required of the University by NSF, but in order that the Department of Chemistry might take full advantage of the grant, an addition to its budget of \$100,000 for the biennium is recommended. These funds would enable the Department principally to buy expendable equipment and supplies for its shops — as well as to meet other costs of the research of faculty members and graduate students. It is not possible to provide sufficient funds for these purposes from the budget-formula allowances for graduate enrollment — partly because enrollments are relatively low at this stage in the development of the graduate program and partly because of the intrinsically high costs of laboratory work in this field.

3. *Undergraduate Advisement (\$166,000)*. Funds have not been available to the College of Liberal Arts and Sciences for the establishment of an advisement system for its freshmen and sophomores. This means that students at this level do

not have continuing academic advisers and are not required to consult with academic advisers. Hence their programs may be planned without any supervision whatever — beyond a superficial check to see that minimal requirements have been met.

The funds requested would permit the College (which has, by far, the largest enrollment on the campus) to arrange for the release of faculty members from part of their teaching load to serve as academic advisers. Each freshman and sophomore would then have a designated adviser whom he would be required to consult at least once each quarter.

4. *Undergraduate Honors Programs (\$232,400)*. These programs are designed to meet the educational needs of academically talented students. For this purpose, special honors courses and special sections of regular courses are offered for students whose grade-point averages are 4.0 or better (a minimum grade of B). The classes do not exceed fifteen students in size, and the instructor is expected to organize the content of the course so as to challenge the able student.

The funds requested would be used principally to provide the salaries of the extra staff members required to teach the number of relatively small sections generated under this program. The total amount represents the difference between what would be provided under the regular budget formula and what would be required for the actual staffing of the honors courses. A small amount for expenses and nonacademic staff assistance is also included.

5. *Supervision of Teacher Education (\$141,342)*. The supervision of student teaching involves several types of expense not incurred in regular classroom instruction: salaries for University supervisors, honoraria to teachers in cooperating schools, travel costs of University supervisors and the director of student teaching, and the costs of the Office of Student Teaching. These special costs amount to approximately \$372 per student at departmental level, whereas under the budget formula a total of only \$224 per student would be provided. The sum of \$141,342 requested for the biennium would fund the difference between the formula allowance and the actual cost of the increased enrollment during 1969-71; and it would also fund a deficiency of \$31,500 existing in the budget for 1968-69.

6. *Technology Laboratory for the Criminal Justice Curriculum (\$82,000)*. The academic program in the curriculum for the administration of criminal justice has four areas of specialization: law enforcement, corrections, criminology, and science and technology in criminal justice. Adequate instruction in the last area requires laboratory facilities, which are not available now at the Chicago Circle campus; nor does the curriculum have the staff to offer the specialized instruction needed to develop professional crime-laboratory personnel. The funds requested would enable the University to equip a laboratory (\$10,000 per year for supplies and equipment) and to employ three staff members (two faculty members and a laboratory technician).

### Research

*Center for Urban Studies (\$438,200)*. The Center for Urban Studies was established during 1967-68 as an interdisciplinary agency through which the University would sponsor programs of continuing research and development on significant urban problems. Although located at the Chicago Circle campus, the Center serves as an all-University organization in the sense that faculty members from the other two campuses interested in urban studies may participate in the Center's programs. An example of intercampus cooperation occurred during the past summer when five faculty members from the Urbana-Champaign campus joined ten faculty members from the Chicago Circle campus in an intensive series of planning studies, supported by a grant of \$135,334 from the United States Department of Housing and Urban Development, on the general problem of "Social Elements and Relationships Within Urban Systems: Implications for Action and Research Programs."

The budget request for the Center would permit the addition of a total of twelve full-time-equivalent faculty members to its staff during 1969-71. (The head count would be considerably higher, since all of these individuals would have departmental appointments and most of them would serve part-time in regular academic teaching.) Together with supporting nonacademic staff, these faculty additions would permit the expansion of research on a series of high-priority problems that have been identified as foci for the Center's principal research activities: urban information systems; the delivery of public services; development modeling and

planning; public-systems program evaluation; social policy for urban development; improvements in the physical environment.

Of the total of \$438,200 requested for the biennium, some \$82,200 would be allocated for the support of a related program in the Department of Psychology: a preschool laboratory for socially disadvantaged children—to be located near the Chicago Circle campus. This laboratory will provide an essential training facility for advanced undergraduate and graduate students, and it will serve also as a setting for research in child behavior and education.

### Other Increases

1. *Educational Assistance to Disadvantaged Students (\$653,990)*. These funds would be used to continue and expand an experimental program of admissions, advisement, and instruction of students from culturally disadvantaged areas. A considerable amount of background experimentation on aspects of the program have been completed, and during 1968-69 some 300 students are expected to participate in an "Educational Assistance Program" that will be a forerunner to the expanded program to be conducted during 1969-71. Federal funds have been available to support part of the preliminary work.

It is proposed to increase the number of participating students to 500 in 1969-70 and to 600 in 1970-71. One hundred of this group in each year would not be eligible for regular admissions and would serve as an experimental group for testing the effectiveness of special admissions, instructional, and advisement procedures.

Among the experimental or innovative procedures to be used are the following: (a) two preadmissions programs (precollege workshops and precollege conferences); (b) special instructional programs including intensive preparatory study in one or more areas (rhetoric, mathematics, reading-study skills development); (c) special advisement services involving both faculty advisers and such agencies as the Student Counseling Service; (d) liaison representatives in the home communities of students charged with mobilizing community resources in behalf of "high risk" students.

The budget item of \$302,269 per year (see Table II) would provide salaries for 29.9 FTE academic staff members, 3.0 FTE nonacademic employees, and funds for wages, expense, and equipment. The additional funds for 1970-71 only (\$49,452) would permit the employment of 4.2 FTE academic staff members for a year—plus adding a small amount to the wages, expense, and equipment budget.

2. *Library Acquisitions and Services (\$420,000)*. The principal item in this request would provide \$360,000 for the acquisition of new books and journals. This would represent an increase of 25 per cent over the acquisitions budget for 1968-69, but this increase is believed to be fully justified in view of these conditions: (a) increasing cost of publications (beyond the formula percentage for price increases); (b) increased cost of binding; (c) the expanding graduate curriculum; (d) rapidly growing enrollment. One of the most urgent reasons for the increase in acquisitions funds is the proposed institution of seven new doctoral programs during the coming biennium, with the prospect of still others to follow soon thereafter. The necessary reference materials should be available by the time the new graduate programs are initiated.

The remainder of the request (a biennial total of \$60,000) would provide the staff needed to operate the small Science Library scheduled to open in the Science and Engineering Building in 1969.

The steady cost increases in library materials (at least 10 per cent per year) and the growing volume of publications will make it impossible to maintain and develop a graduate library on budget-formula allowances based on enrollment increases. It should be noted that the normal formula allotments related to enrollment and price increases will all be needed for personnel additions and for expenses other than those involved in this request.

3. *Computer Center (\$479,000)*. The Computer Center at the Chicago Circle campus serves two main types of functions: (a) a teaching facility for computer courses and for instruction in other departments involving the use of computers; (b) a facility for the support of student and faculty research. Next to the library, such a facility is without question the most important single educational resource on this or any other university campus.

The principal reason for the special request for funds for the Computer Center is that a grant from the National Science Foundation of \$350,000 for the

1967-69 biennium will expire by 1969, and the annual level of NSF support for 1968-69 (\$170,000) must be replaced by state funds if the Computer Center is to meet the instructional and research needs of students and faculty members during the coming biennium.

The remainder of the annual increase of \$239,500 is needed to finance the additional computer costs due to increased enrollment in computer courses and to the growth in research utilization of the Center. In fact, it is estimated that an additional \$110,000 for each year of the biennium—beyond the figure of \$239,500—would be required to meet all of the additional instructional and research costs. The additional increment would be provided from funds expected under the budget formula for increased enrollment.

4. *Personnel Services Office (\$63,100)*. These funds are needed for two purposes: (a) to provide a minimal budget for a separate Personnel Services Office at the Chicago Circle campus (previously, a single nonacademic office has served both Chicago campuses, but this arrangement is no longer adequate); (b) as part of the University's overall "affirmative action program," to support at the Chicago Circle campus a clerical training program for the purpose of giving clerical personnel from "disadvantaged" backgrounds the supplemental training required to enable them to qualify for positions calling for intermediate-grade clerical skills (a level of critical shortage). A similar program has been in operation at the Urbana-Champaign campus with good results.

Of the total amount requested for both purposes (\$63,100), the sum of \$20,250 per year would be needed for the budget of the Personnel Services Office to meet the regular administrative costs and some \$11,300 per year for the "affirmative action program."

#### IV. Medical Center Campus

In the nature of its basic mission, most of the increases proposed for the Medical Center campus contribute either directly or indirectly towards the implementation of the recommendations made in the *Report on Education in the Health Fields* recently approved by the Illinois Board of Higher Education. The specific projects are summarized in Table IV, under the four budget categories suggested by the Office of the Board of Higher Education. The biennial total of \$6,812,219 requested would enable the University to expand and improve substantially its instruction, research, and public service in the health fields. Most significantly, these funds would support the first stage of a massive expansion of medical education at all levels—involving the development of clinical training centers in several regions of the State.

#### Operating Costs of New Buildings

The following new buildings are to be occupied at the Medical Center campus during 1969-71, in accordance with the schedule shown in Table V: College of Dentistry Building, College of Nursing Building, Medical Research Laboratory Addition, Office Building. An estimated total of \$895,849 would be required for the operation and maintenance of these buildings during the next biennium—this amount having been determined in accordance with instructions issued by the Office of the Board of Higher Education.

#### New Programs

1. *College of Medicine: Implementation of Recommendations in the "Report on Education in the Health Fields" (\$2,225,000)*. The proposals included under this general program constitute the University's response to several recommendations contained in the *Report on Education in the Health Fields* concerning medical education. The funds requested would enable the University to make major progress towards achieving the following objectives: (a) more than doubling the number of its physician graduates within ten years; (b) innovative revision of the medical curriculum; (c) shortening the overall period of professional training of physicians and hence increasing the total output; (d) the use of existing clinical facilities in several regions of Illinois for primary medical education; (e) the expansion of internship-residency training and continuing medical education for practicing physicians, particularly in regional centers outside Chicago—to strengthen resources for primary medical education and also to encourage more physicians to remain in Illinois for professional practice.

In order to provide organizational arrangements appropriate to the administra-



**Table IV. Medical Center Campus: Summary of Increases Requested for Part I of 1969-71 Budget for Operations**

Category and Program	Annual Increases		Biennial Total
	1969-70	1970-71	
<i>Operating Costs of New Buildings</i> .....	\$ 201 286	\$ 493 277	\$ 895 849
<i>Total (New Buildings)</i> .....	(201 286)	(493 277)	(895 849)
<i>New Programs</i>			
<i>Instruction</i>			
1. College of Medicine: Implementation of recommendations in the <i>Report on Education in the Health Fields</i> .....	746 000	733 000	2 225 000
2. Graduate School of Public Health.....	61 000	186 000	308 000
3. Curriculum in medical dietetics.....	44 500		89 000
<i>Total (New Programs)</i> .....	(851 500)	(919 000)	(2 622 000)
<i>Program Expansion and Improvement</i>			
<i>Instruction</i>			
1. Departmental organization of College of Nursing.....	114 600	85 600	314 800
2. Academic advisers (College of Medicine).....	48 000	32 000	128 000
3. Instructional television.....	60 700	18 600	140 000
<i>Research</i>			
Staff for Medical Research Laboratory.....		54 100	54 100
<i>Total (Program Improvement)</i> ....	(223 300)	(190 300)	(636 900)
<i>Other Increases</i>			
1. Research and Educational Hospitals.....	372 500	207 670	952 670
2. Digital computer services (instruction and research).....	174 000		348 000
3. Office of Institutional Studies.....	57 000		114 000
4. Division of Services for Crippled Children.....	569 900	103 000	1 242 800
<i>Total (Other Increases)</i> .....	(1 173 400)	(310 670)	(2 657 470)
<i>Grand Total, Medical Center Campus</i> .....	\$2 449 486	\$1 913 247	\$6 812 219

tion of this comprehensive program, it is proposed that the College of Medicine be reorganized into semiautonomous schools, with a central administrative structure responsible for overall planning, coordination, and policy direction. The schools would include: (a) a "school of basic medical sciences" into which all beginning medical students would be admitted for an intensive one-year curriculum; (b) an expanding number of "clinical schools" to which students would be transferred from the "basic science" school. The latter would eventually offer instruction at all three of the University's campuses. The clinical schools initially would be based upon the hospitals presently affiliated with the College of Medicine, but it is proposed that clinical training centers be established at Peoria, Rockford, Urbana-Champaign, and Decatur (in appropriate time sequence), which would become the locations of separate schools of the College of Medicine. Prior to the initiation of primary medical education, the University would assist these centers in expanding their internship-residency training and in serving as bases for continuing education for physicians within their regions. Through these clinical training activities, the University and the cooperating hospitals would develop the teaching faculties necessary for the operation of resident medical schools.

A tentative schedule for the expansion of enrollment in the proposed new schools is shown in Table VI. As the table indicates, initially three schools would be created from the existing College of Medicine—the school of basic science (School A, offering programs eventually at all three campuses) and two clinical schools (Schools B and C). During 1969-71, an increase in first-year medical enrollment of fifty students would be accomplished—twenty-five at the Medical Center during 1969-70 and an additional twenty-five at the Urbana-Champaign campus during 1970-71 (the latter to be discussed further in Section V). Addi-

Table V. Funds Needed for Operation of New Buildings, Medical Center Campus

Facility	Floor Area	Occupancy Date	Annual Cost	Annual Funds 1969-70	Increase 1970-71	Total 1969-71
	Gross Square Feet		per Gross Square Feet			
New Buildings — 1969-71						
College of Dentistry Building . . . . .	161,400	1-71	\$1.995 <sup>1</sup>	\$189 875	\$160 997	\$160 997
College of Nursing Building . . . . .	161,002	11-69	1.769 <sup>1</sup>	11 411	94 938	474 688
Medical Research Laboratory Addition . . . . .	51,789	6-70	2.644 <sup>1</sup>		125 519	148 341
Office Building . . . . .	63,902	8-70	1.909 <sup>1</sup>		111 823	111 823
Total . . . . .				\$201 286	\$493 277	\$895 849

<sup>1</sup> Additional cost calculated using formulae of Task Force 4 (a subcommittee of the Budget Formula Committee, which is advisory to the staff of the Board of Higher Education).

**Table VI. Provisional Enrollment Projections  
by Schools (Medical Students)**

<i>Schools</i>	<i>Class</i>	1969- 70	1970- 71	1971- 72	1972- 73	1973- 74	1974- 75	1975- 76	1976- 77	1977- 78
<i>Basic Science</i>										
<i>School A</i>										
Urbana.....	1		25	25	100	100	100	100	100	100
Medical Center	1	225	225	225	225	225	300	300	300	300
	2	205	205							
Chicago Circle	1							25	50	50
<i>Clinical</i>										
<i>School B</i>										
Chicago.....	2		10	150	150	150	150	150	150	150
	3	130	130	140	150	150	150	150	150	150
	4	150	130	130	140	150	150	150	150	150
<i>School C</i>										
Chicago.....	2		10	100	100	100	100	100	100	100
	3	75	75	85	100	100	100	100	100	100
	4	55	75	75	85	100	100	100	100	100
<i>School D</i>										
Peoria <sup>1</sup> .....	2					35	35	50	50	50
	3						35	35	50	50
	4							35	35	50
<i>School E</i>										
Rockford <sup>1</sup> .....	2					40	40	50	50	50
	3						40	40	50	50
	4							40	40	50
<i>School F</i>										
Urbana <sup>1</sup> .....	2							50	50	50
	3								50	50
	4									50
<i>School G</i>										
Chicago <sup>1</sup> .....	2								25	25
	3									25
<i>School H</i>										
Decatur <sup>1</sup> .....	2									25
<i>Total</i> .....		840	885	930	1 050	1 150	1 300	1 475	1 600	1 725

tional clinical schools would be established as indicated in Table VI, with the result that by 1977-78 the total enrollment in the College of Medicine would be 1,725, more than double the present figure.<sup>2</sup>

The budget proposed for the implementation of this program during 1969-71 is outlined in Table VII. The total of \$2,225,000 requested would provide funds for (a) the administrative reorganization of the College of Medicine; (b) partial funding of the training now done in affiliated hospitals, mainly through the staff salaries indicated for Schools B and C; (c) the establishment of clinical centers in Peoria and Rockford; (d) the expansion of resources at the Medical Center campus for an improved program of continuing education for physicians (especially in the designated clinical centers, but also in other regions of the State).<sup>3</sup>

2. *Graduate School of Public Health (\$308,000)*. Recommendations 33, 34, and 35 of the *Report on Education in the Health Fields* propose that the University of

<sup>1</sup> Prior to the formal establishment of Schools D, E, F, G, and H, "clinical training centers" would be developed in the respective regional locations — offering internship-residency programs and continuing education for practicing physicians.

<sup>2</sup> The timing and the sequence of the development of the regional clinical centers and schools are matters to be reviewed with the Health Education Commission of the Board of Higher Education when that advisory body has been constituted. Particularly as regards Schools F, G, and H, the choice of locations and the order of development are contingent upon many conditions that remain to be studied intensively. Furthermore, consideration will be given to the Quad-Cities area as the location of an additional center and school, with its position in the time sequence to be determined in the light of all relevant circumstances.

<sup>3</sup> Although the proposed level of funding of teaching activities in the affiliated hospitals is below that recommended in the *Report on Education in the Health Fields*, it is believed that the amounts suggested in Table VII will be satisfactory as interim compensation. Further careful study and negotiation during 1969-71 should lead to equitable long-term arrangements.

**Table VII. College of Medicine: Funds Requested Towards Implementation of the Report on Education in the Health Fields (1969-71)**

	1969-70		1970-71		Biennial Total
	FTE	Amount	FTE	Amount	
<b>School A (Basic Medical Sciences)</b>					
Dean .....			1.0	\$ 30 000	\$ 30 000
Nonacademic staff .....			1.0	6 000	6 000
Wages, expense, and equipment .....				5 000	5 000
<i>Subtotal</i> .....				(41 000)	(41 000)
<b>School B (Clinical)</b>					
Dean .....	1.0	\$ 32 000			64 000
Assistant dean .....			1.0	24 000	24 000
Academic staff .....	10.0	200 000	5.0	100 000	500 000
Nonacademic staff .....	6.0	32 000	4.0	22 000	86 000
Wages, expense, and equipment .....		20 000		3 000	43 000
<i>Subtotal</i> .....		(284 000)		(149 000)	(717 000)
<b>School C (Clinical)</b>					
Dean .....	1.0	32 000			64 000
Assistant dean .....			1.0	24 000	24 000
Academic staff .....	10.0	200 000	15.0	300 000	700 000
Nonacademic staff .....	2.0	12 000	5.0	25 000	49 000
Wages, expense, and equipment .....		20 000		3 000	43 000
<i>Subtotal</i> .....		(264 000)		(352 000)	(880 000)
<b>Clinical Center (Peoria)</b>					
Associate director .....	1.0	25 000			50 000
Director of medical education .....	1.0	30 000			60 000
Academic staff .....			3.5	70 000	70 000
Nonacademic staff .....	1.0	6 000	1.5	9 000	21 000
Wages, expense, and equipment .....		5 000		6 000	16 000
<i>Subtotal</i> .....		(66 000)		(85 000)	(217 000)
<b>Clinical Center (Rockford)</b>					
Associate director .....	1.0	25 000			50 000
Director of medical education .....	1.0	30 000			60 000
Academic staff .....			3.5	70 000	70 000
Nonacademic staff .....	1.0	6 000	1.5	9 000	21 000
Wages, expense, and equipment .....		5 000		6 000	16 000
<i>Subtotal</i> .....		(66 000)		(85 000)	(217 000)
<b>Office of Executive Dean, College of Medicine</b>					
Director of clinical centers .....	1.0	28 000			56 000
Communication and education specialists .....	1.0	15 000	1.0	18 000	48 000
Nonacademic staff .....	3.0	18 000			36 000
Wages, expense, and equipment .....		5 000		3 000	13 000
<i>Subtotal</i> .....		(66 000)		(21 000)	(153 000)
<i>Total</i> .....		\$746 000		\$733 000	\$2 225 000

Illinois establish a School of Public Health. The requested biennial total (\$308,000) would provide the funds for the initiation of this School during 1969-71. The first year of the biennium would be a period of planning during which the dean of the School and a small supporting staff would develop the curriculum, recruit faculty, and select students—looking to the initiation of instruction in September, 1970. The initial program would lead to the degree of Master of Public Health (M.P.H.)—a professional curriculum designed to meet the "Criteria and Guidelines for

Accreditation for Schools of Public Health" formulated by the American Public Health Association.

As an integral part of the Graduate School of Public Health, it is proposed to establish a "Center for the Study of Patient Care and Community Health." This unit would provide an interdisciplinary focus for the study of patient care and public health, and would lay the foundation for a later doctoral program in public health. The Center would be concerned with such problems as the following: qualitative and quantitative aspects of the care of patients and the organization and delivery of its dental, medical, pharmaceutical, and nursing components; the maintenance of health; early detection of disease; estimates of the incidence and prevalence of disease; aspects of social and community structure that influence patterns of health and illness. A director for the Center would be appointed in 1970-71 to begin the planning program.

An entering class of some twenty to twenty-five students is projected for 1970-71. This number might be expected to increase to fifty students within two to four years. The following table shows the staff and budget requested for 1969-71:

	1969-70		1970-71		Biennial
	FTE	Amount	FTE	Amount	Total
Dean.....	1.0	\$30 000			\$60 000
Assistant dean.....	1.0	20 000			40 000
Director, Center for the Study of Patient Care and Community Health			1.0	\$25 000	25 000
Academic staff.....			8.0	140 000	140 000
Nonacademic staff.....	1.0	6 000	2.0	11 000	23 000
Expense and equipment.....		5 000		10 000	20 000
<i>Total.....</i>		<u>\$61 000</u>		<u>\$186 000</u>	<u>\$308 000</u>

3. *Curriculum in Medical Dietetics (\$89,000).* This program has been approved by the University of Illinois Board of Trustees and the Board of Higher Education. The funds requested would provide the incremental amount needed for staff and expenses beyond what could be provided from budget-formula allowances:

	Annual Increases		Biennial
	1969-70	1970-71	Total
1.0 FTE director of the curriculum.....	\$14 000		\$28 000
2.0 FTE instructors.....	22 000		44 000
1.0 FTE clerk-typist.....	6 000		12 000
Expense and equipment.....	2 500		5 000
<i>Total.....</i>	<u>\$44 500</u>		<u>\$89 000</u>

This curriculum is designed to provide professional training in medical dietetics (applied nutrition) at the baccalaureate level. The first two years would be spent in a liberal-arts college or the equivalent, and the student would transfer to the Medical Center for his third and fourth years (including applied training in a hospital setting).

## Program Expansion and Improvement

### Instruction

1. *Departmental Organization of the College of Nursing (\$314,800).* The new College of Nursing Building will be ready for occupancy in September, 1969, when a substantial expansion of enrollment and faculty will begin. During the biennium 1969-71, undergraduate enrollment will increase by approximately 45 per cent and graduate enrollment by 100 per cent. Courses in three clinical areas (maternity, pediatric, and public-health nursing) will be added for students working towards the Master of Science in Nursing.

In order to administer effectively the greatly expanded program of the College, it is necessary to establish a formal departmental structure, and the present request would provide the funds needed for administrative and clerical salaries and for departmental expense budgets. Five academic departments would be established: (a) foundations of nursing; (b) medical-surgical nursing; (c) maternal-child nursing; (d) psychiatric nursing; (e) public-health nursing. Part of the requested funds would also be used for nonacademic staff needed to help operate the teaching laboratories and provide other services in the new building. The following is a summary of the staff and funds required:

	1969-70		1970-71		Biennial
	FTE	Amount	FTE	Amount	Total
Academic staff.....	4.0	\$ 56 000	3.0	\$42 000	\$154 000
Nonacademic staff.....	6.0	33 600	6.0	33 600	100 800
Expense.....		25 000		10 000	60 000
Total.....		\$114 600		\$85 600	\$314 800

2. *Academic Advisers in the College of Medicine (\$128,000).* Several changes in curriculum and related arrangements have increased markedly the work load of the basic-science departments in the College of Medicine. In the effort to stimulate independent learning among medical students, an Independent Study Program has been established and a total of 5.0 FTE academic advisers (32 individuals) will be required by the time the program is fully implemented (by 1971).

In addition, a program for disadvantaged students will begin in 1969. These students will require special attention, and again the increased load will fall on the faculty of the basic-science departments of the College of Medicine.

Funds are requested only for the salaries of the academic advisers — 3.0 FTE appointees for 1969-70 and two additional appointees for 1970-71, all at the rate of \$16,000 per year.

3. *Instructional Television (\$140,000).* Beginning in 1968-69, the instructional television office will move into enlarged quarters in the addition to the East Dentistry-Medicine-Pharmacy Building. It will then be possible to expand the unit's activities beyond the limited program that has hitherto been possible. This expansion will be particularly important for instruction in the College of Medicine, with the assumed addition of color television as discussed elsewhere in this document. The total of \$140,000 would provide for 4.0 FTE nonacademic staff members for two full years in the next biennium and two additional staff members for 1970-71 — together with a biennial increase of \$54,000 for expenses.

#### Research

1. *Staff for the Medical Research Laboratory (\$54,100).* An addition to the Medical Research Laboratory is now under construction which will add 31,241 net square feet to the space available for housing animals and for experimentation. This will more than double the size of the present building, and additional personnel will be needed to assure continuity of service for a seven-day work week. Expanded research programs in genetics, organ transplantation, and surgical techniques will add to the requirements for supporting personnel in the Laboratory. Funds are requested for the second year of the biennium only (1970-71), in the total amount of \$54,100. This would provide salaries for 3.0 FTE academic and 2.0 FTE non-academic staff members.

#### Other Increases

1. *Research and Educational Hospitals (\$952,670).* In 1967, the General Assembly authorized the retention of income from the Research and Educational Hospitals in the University treasury to be used for the support of the Hospitals. A reduction was made in the University's request for a budget increase during 1967-69, on the assumption that the retention of income would provide sufficient funds to offset existing deficiencies and to meet the rising costs of operation of the Hospitals. (The General-Revenue portion of the Hospitals' budget was reduced by the amount of the income originally estimated to be available for the University Income Fund.) Unfortunately, operating costs of the Hospitals will rise more rapidly than the increase in state appropriations provided by the formula allotments.

These additional costs could be met from increased hospital rates if all the patients paid the full amount billed. However, the Research and Educational Hospitals have traditionally been available primarily to persons unable to pay for the full cost of hospital care, and approximately 39 per cent of the charges are not paid by patients. The University is therefore requesting state funds to offset the increase in uncollectible income, as follows:

	Total Estimated Billings	Estimated Collections	Uncollected Amount	Increase in Uncollected Amount
1968-69.....	\$8 032 350	\$4 899 720	\$3 132 630	
1969-70.....	8 987 500	5 482 370	3 505 130	\$372 500
1970-71.....	9 520 000	5 807 200	3 712 800	207 670

The increase of \$372,500 for 1969-70, plus an additional \$207,670 for 1970-71, will require \$952,670 for the biennium.

2. *Computer Services for Instruction and Research (\$348,000)*. These funds are requested for the rental of a new computer system for the Research Resources Laboratory at the Medical Center campus. At present, the digital computer facilities available for instruction and research-data processing at that campus consist of the small and entirely inadequate IBM 1620 system. The latter is saturated to the point that work can not be accomplished without unreasonable delay, despite the fact that the facility is adequately staffed and has been operating for a year on the basis of a twenty-four hour day, seven days per week. (This computer was purchased from non-state funds.)

After consultation with representatives of the Department of Computer Science at the Urbana-Champaign campus, the Research Resources Laboratory has requested funds for the rental of the IBM 360/44 system, with analogue-to-digital conversion equipment—together with terminal connections and a transmission line linking the Medical Center computer with the IBM 360/50/75 system at the Urbana-Champaign campus. This configuration would provide local capability for much of the day-to-day research-data processing at the Medical Center campus—as well as for instruction in computer use—and it would also link the local installation as a satellite unit to the larger "Illinet" system at the Urbana-Champaign campus. This network arrangement would provide computer services at the Medical Center campus for the indefinite future at far lower cost than would be possible with any isolated system that could be maintained at that campus.

3. *Office of Institutional Studies (\$114,000)*. The Medical Center campus has hitherto been entirely without an agency devoted to institutional studies (the collection and analysis of information for administrative purposes). The increasing demand for analytical studies related to regular administrative operations and to planning activities has made it imperative to establish an Office of Institutional Studies to serve these purposes. The funds requested would provide the salary for a director, 2.0 FTE technical staff members, and 2.0 FTE clerical employees.

4. *Division of Services for Crippled Children (\$1,242,800)*. This program is conducted by the University of Illinois as a public-service activity in behalf of the State. Funds are required mainly to meet three kinds of costs: (a) increased costs of hospital care; (b) increased case load due to growing demand for these services; (c) a new program on hemophilia. In addition, an increase in the number of administrative personnel required for the program is necessary. A summary of the funds needed is as follows, in addition to the funds provided under the price-increase formula:

	<i>Annual Increases</i>		<i>Biennial</i>
	<i>1969-70</i>	<i>1970-71</i>	<i>Total</i>
Increased costs of hospital care . . . . .	\$ 95 900	\$103 000	\$ 294 800
Increased number of children served . . . . .	268 000		536 000
New program on hemophilia . . . . .	150 000		300 000
New personnel required (8.0 FTE) . . . . .	56 000		112 000
<i>Total</i> . . . . .	<i>\$569 900</i>	<i>\$103 000</i>	<i>\$1 242 800</i>

## V. Urbana-Champaign Campus

The planning for the biennium 1969-71 at the Urbana-Champaign campus has been conducted in the context of several sets of perplexing considerations, among the more important of which are the following: (a) the mounting costs of graduate study and research, especially those due to the increasing sophistication and more rapid obsolescence of laboratory facilities; (b) pressure to open up new fields of research, particularly interdisciplinary studies directed towards solutions to important social problems; (c) declining levels of federal support for research and graduate education, as well as uncertainty about what assumptions to make concerning such support during 1969-71; (d) the likelihood that by 1969-70 the demand of returning war veterans for admission to the Graduate College—along with a great increase in normal demand for admission—will create great pressure upon the University's resources for carrying its existing levels of advanced study and research.

Despite these difficulties and uncertainties, several task forces during the past year have been studying the existing programs and resources at the Urbana-

**Table VIII. Urbana-Champaign Campus: Summary of Increases Requested for Part I of 1969-71 Budget for Operations**

<i>Category and Program</i>	<i>Annual Increases</i>		<i>Biennial Total</i>
	<i>1969-70</i>	<i>1970-71</i>	
<i>Operating Costs of New Buildings and Other Space</i> .....	\$ 543 765	\$648 030	\$1 735 560
<i>Total (New Buildings)</i> .....	(543 765)	(648 030)	(1 735 560)
<i>New Programs</i>			
<i>Instruction</i>			
1. Medical education.....	71 220	168 830	311 270
2. Three doctoral programs			
a. Geophysics.....	265 080 <sup>1</sup>	-198 160	332 000
b. Social work.....	13 360	10 160	36 880
c. Urban planning.....	17 680	1 090	36 450
<i>Research</i>			
1. Computer-based education.....	850 000 <sup>2</sup>	-600 000	1 100 000
2. University-community development program in elementary education..	100 000		200 000
3. Human resources and manpower...	71 500	36 700	179 700
4. Soybeans research.....	100 000		200 000
5. Interdisciplinary program in transportation.....	92 800		185 600
<i>Total (New Programs)</i> .....	(1 581 640) <sup>3</sup>	(-581 380)	(2 581 900)
<i>Program Expansion and Improvement</i>			
<i>Instruction</i>			
1. Krannert Center for the Performing Arts.....	242 152		484 304
2. College of Veterinary Medicine....	80 560	147 340	308 460
<i>Research</i>			
1. Agricultural Experiment Station...	72 205		144 410
2. Office of Laboratory Animal Care...	43 400		86 800
<i>Public Service</i>			
Cooperative Extension Service.....	150 000		300 000
<i>Total (Program Improvement)</i> ....	(588 317)	(147 340)	(1 323 974)
<i>Other Increases</i>			
1. Educational assistance to disadvantaged students.....	243 850	76 740	564 440
2. Library acquisitions and other expense.....	176 765		353 530
3. Computer services (instruction and research).....	157 220		314 440
4. Departmental expense and equipment funds.....	400 000 <sup>4</sup>	-200 000	600 000
<i>Total (Other Increases)</i> .....	(977 835) <sup>1</sup>	(-123 260)	(1 832 410)
<i>Grand Total, Urbana-Champaign Campus</i> .....	\$3 691 557 <sup>4</sup>	\$ 90 730	\$7 473 844

Champaign campus, with a view to proposing new directions in research and advanced study that might be cultivated on a long-term basis. The results of these planning activities are reflected in the list of projects presented in Table VIII, together with requests for supplemental funds to permit expansion of existing programs and to offset serious deficiencies in the budgets of selected units.

The total of \$7,473,844 is approximately one-third of the total of the departmental requests originally submitted. The proposals have been screened at various administrative levels, and the final list submitted in Table VIII presents those recommended by the University Budget Committee.

<sup>1</sup> Of this amount, the sum of \$200,000 is nonrecurring and is subtracted in the second year.

<sup>2</sup> Of this amount, the sum of \$600,000 is nonrecurring and is subtracted in the second year.

<sup>3</sup> Of this amount, the sum of \$800,000 is nonrecurring and is subtracted in the second year.

<sup>4</sup> Of this amount, the sum of \$1,000,000 is nonrecurring and is subtracted in the second year.



Table IX. Funds Needed for Operation of New Buildings, Urbana-Champaign Campus

Facility	Floor Area Gross Square Feet	Occupancy Date	Annual Cost per Gross Square Feet	Annual Funds 1969-70	Increase 1970-71	Total 1969-71
<i>Buildings Operated for Less Than Twelve Months in 1968-69</i>						
Civil Engineering Building, Phase IIA.....	68,800	5-69	\$1,781 <sup>1</sup>	\$102,110		\$204,220
Kranert Center for the Performing Arts.....	261,775	9-68	1.50	65,441		130,882
Psychology Laboratory.....	147,296	12-68	1.50	92,059		184,118
Undergraduate Library.....	98,700	9-68	1.50	24,675		49,350
<i>Subtotal</i> .....				(284,285)		(568,570)
<i>New Buildings — 1969-71</i>						
<i>A. Buildings Declared in Public Interest</i>						
Foreign Languages Building.....	113,015	4-71	1.50		\$ 42,381	42,381
Freer Gymnasium Addition.....	27,191	8-70	1.50		37,388	37,388
Library — Fifth Stack Addition.....	49,995	5-70	1.50	12,498	62,495	87,491
Music Building.....	96,362	3-71	1.50		48,180	48,180
Natural History and Geological Survey Building.....	66,170	10-70	1.50		74,441	74,441
Small Animal Clinic and Hospital.....	103,543	7-70	2.314 <sup>2</sup>		239,599	239,599
<i>Subtotal</i> .....				(12,498)	(504,484)	(529,480)
<i>B. Building Additions or Minor Structures Constructed From Capital Item for Remodeling in 1965-67 or 1967-69</i>						
Burrill Hall (air-conditioning).....		5-69		18,278 <sup>2</sup>		36,556
Small Homes Council.....	7,648	3-68	1.50	11,472		22,944
Smith Memorial Hall (air-conditioning).....		7-69		17,564 <sup>2</sup>		35,128

Table IX. Funds Needed for Operation of New Buildings, Urbana-Champaign Campus (continued)

Facility	Floor Area		Occupancy Date	Annual Cost		Increase 1970-71	Total 1969-71
	Gross Square Feet	Net Square Feet		per Gross Square Foot	Annual Funds 1969-70		
Swine Research Center (nursery building).....	5,056		7-69	\$1.50	\$ 7 584		\$ 15 168
Television Studio Addition.....	4,454		7-69	1.50	6 681		13 362
<i>Subtotal</i> .....					(61 579)		(123 158)
<b>C. Buildings Approved by State Board as Noninstructional</b>							
<i>Facilities</i>							
Central Receiving Warehouse, Phase I.....	29,762		3-69	1.50	44 643		89 286
ILLIAC IV Computer.....			1-70		59 893 <sup>2</sup>	\$ 59 893	179 679
Intramural-Physical Education Building.....	265,482		12-70	.375 <sup>3</sup>		58 072	58 072
Krannert Art Museum Addition.....	17,800		4-69	1.50	26 700		53 400
University of Illinois-Willard Airport New Hangar...	22,500		9-68	1.50	33 750		67 500
<i>Subtotal</i> .....					(164 986)	(117 965)	(447 937)
<b>D. Leasehold Properties Activated in 1967-69 for Which Funds Were Not Provided</b>							
	3,400		2-68	4.048 <sup>4</sup>	13 765		27 530
<i>Subtotal</i> .....					(13 765)		(27 530)
<b>Parking Facilities</b>							
	471,691		Various	.10	6 652	25 581	38 885
<i>Subtotal</i> .....					(6 652)	(25 581)	(38 885)
<i>Total</i> .....					\$543 765	\$648 030	\$1 735 560

<sup>1</sup> Approved by Board of Higher Education for 1967-69 biennium.<sup>2</sup> Additional cost calculated using formulae of Task Force 4 (a subcommittee of the Budget Formula Committee, which is advisory to the staff of the Board of Higher Education).<sup>3</sup> Cost allocated as 25 per cent of total, the remainder being paid from student fees.<sup>4</sup> Costs calculated using Task Force 4 formulae for items not included in rental cost. The rate of \$4.048 per gross square foot per year includes the rental cost of \$3.00 per square foot per year.

### Operating Costs of New Buildings and Other Space

As shown in Table IX, funds are needed for the operation and maintenance of (a) buildings completed during the present biennium but not completely funded in the 1967-69 biennial budget and (b) new buildings to be completed and occupied during 1969-71. In addition, funds are sought for the operation and maintenance of new parking facilities and for the maintenance costs of leased space. The standard procedures prescribed in the instruction issued by the Office of the Board of Higher Education have been followed in determining the unit costs and the amounts needed for the various facilities. The total for the biennium is \$1,735,560.

### New Programs

#### Instruction

1. *The Initiation of Medical Education (\$311,270)*. The funds requested would enable the University to begin the implementation of a new program of medical education at the Urbana-Champaign campus — in accordance with the general plan described in its document entitled *Proposals for the Expansion of Education in the Health Professions — 1967-1980* (December 13, 1967) and endorsed generally in the Board of Higher Education's *Report on Education in the Health Fields*. As already noted in the discussion of plans for the expansion of the College of Medicine, the one-year program for first-year medical students at the Urbana-Champaign campus would be a part of that College's comprehensive structure. It would be administered, in effect, under the joint jurisdiction of the two chancellors.

Although a new building will be required before the projected total enrollment of one hundred first-year medical students can be reached, the departments mainly concerned have proposed a plan for the initiation of instruction in 1970-71 with a "pilot" class of twenty-five students. As soon as adequate facilities become available, the total enrollment of medical students would be increased to one hundred. In addition, graduate training in the Departments of Biochemistry, Microbiology, and Physiology would be increased, for the purpose of training additional teachers in these basic medical-science disciplines. There is the current critical shortage of faculty in all areas of medical science, and the need to increase the number of doctoral graduates in these scientific areas is acute.

2. *Three Doctoral Programs — Geophysics, Social Work, and Urban Planning (\$405,330)*. Programs of graduate study leading to the Ph.D. degree in these three fields are proposed for initiation in September, 1969. The funds requested would be needed in addition to those to be provided under the budget formula for increased enrollment. The estimates of the academic staff members have been made in accordance with a procedure developed in consultation with staff members of the Board of Higher Education. The requests for other funds (for nonacademic staff, expenses, equipment) have been estimated carefully in relation to the existing resources of the departments and to the requirements for adequate instruction and graduate research. Except in the case of geophysics, where costly equipment is required, most of the supplemental funds are requested for the salaries of staff members needed to initiate the program and sustain it until enrollment-increase funds would provide adequate levels of support.

In the case of geophysics, a nonrecurring sum of \$200,000 is requested for 1969-70 only, to meet the costs of expensive equipment needed by the new faculty members and by graduate students. Some \$471,500 was sought by the head of the Department of Geology for special equipment, and such a sum could be justifiably used for the benefit of the program. It seemed desirable, however, to request a smaller amount and to hope that supplemental funds might be secured through federal grants or other sources.

#### Research

1. *Computer-Based Education (\$1,100,000)*. The Computer-Based Education Research Laboratory was established within the Graduate College in 1966, with a modest budget to provide salaries for four academic staff members and one clerical position. Most of the Laboratory's financial support has come from outside agencies and has been related to research and development on the PLATO computer-assisted instructional system. The most recent grant was for \$475,000 from the National Science Foundation. With these funds, the Laboratory will conduct its developmental activities through the use of computer-assisted student stations in

the general biology laboratory on campus, at Parkland Junior College, at Mercy Hospital, and at the Washington Elementary School in Champaign.

On the basis of the pioneering development of the PLATO system—now believed to be the most flexible and powerful computer-assisted instructional system in the country—the Laboratory is in position to undertake a large-scale program of research and development on the mass utilization of this system in a variety of settings. The PLATO IV system will be capable of serving some 4,000 student terminals, which might be used by as many as 16,000 students for their basic and supplementary instruction in a major part of their educational curricula.

It is estimated that the equipment needed for the program (including the cost of a large-scale computer such as the CDC 7600 or the IBM 360/85 system) would cost some \$3,540,000. Most of these funds would be sought from outside sources, but the present request includes an item of \$600,000 (nonrecurring) to be used towards the equipment cost. The recurring part of the budget request (\$250,000 for each year of the coming biennium) would provide the salaries for 20.0 FTE academic staff members (curriculum developers and evaluators) who would work with participating faculty members in several academic departments.

2. *University-Community Development Program in Elementary Education (\$200,000)*. This project would serve two main purposes: (a) provide the College of Education at the Urbana-Champaign campus with an elementary-level laboratory school for teacher-education purposes, for curricular experimentation, and for research on educational processes by behavioral scientists; (b) provide an opportunity for studying the educational needs of disadvantaged students and the problems involved in racial integration in a public school. Washington School in Champaign is part of the Unit 4 School District, and agreement has been reached with school authorities for a cooperative program with the University of Illinois. During 1968-69, a pilot research program will be conducted, and additional federal funds have been sought for support during the current year.

The purpose of the present budget request is to provide salaries for the staff needed to implement the affiliation relationships, including curriculum coordinators and developers and the director of a "Basic Skills Center" to be established for children from "disadvantaged" neighborhoods. The total budget of \$100,000 per year would provide salaries for 9.0 FTE staff members, including 3.0 FTE graduate assistants.

3. *Human Resources and Manpower (\$179,700)*. This program would be conducted by the Institute of Labor and Industrial Relations at the Urbana-Champaign campus, with the cooperation of faculty members both at that campus and at the Chicago Circle campus. The main focus of its activities would be in Chicago and the headquarters of the project would be located there. In its initial stages, the program would concentrate on employment, including the changing array of job opportunities, the nature and adequacy of the labor supply, and the institutional arrangements available or needed to match the job opportunities to the labor force and to maximize the use of individual talents. In addition to more conventional economic analysis in "labor-market" terms, the program would investigate the psychological, sociological, and political problems associated with race, poverty, and employment. Attention would be given also to pre-employment activities and conditions: education, training, motivation, job information, job seeking, and discrimination.

The funds requested would provide salaries for the director, 3.0 FTE professional staff members, 2.0 FTE nonacademic staff members, expenses, and equipment.

4. *Coordinated Program in Soybean Research (\$200,000)*. Illinois is the nation's leading state in soybean production. The crop contributes nearly one-half billion dollars annually to the farm income of the state and is the basic ingredient of a multimillion dollar processing industry and of a substantial volume of international trade. The future strength of this important segment of the state's economy depends upon the capacity to maintain and improve its competitiveness with other sources of oil and protein. The purpose of the present request is to provide funds for a continuing program of research and development designed to keep Illinois in the forefront of soybean production and food technology. More specifically, the research program would seek information useful in: (a) increasing yields, improving seed quality, and reducing losses due to weeds, insects, and diseases; and (b) the development of improved methods of handling, marketing,

processing, and utilization of this major crop. The research program would be an interdisciplinary one, under the general coordination of the Director of the Agricultural Experiment Station. The budget of \$100,000 per year for the next biennium would provide salaries for 3.0 FTE faculty members, 3.0 FTE research assistants, and 3.0 FTE clerical and technical personnel—plus funds for expense and equipment.

**5. Interdisciplinary Program in Transportation (\$185,600).** Transportation systems exert strong influences on the social, economic, and political environment—affecting land values, commercial and industrial growth, housing development, and accessibility to jobs, shopping areas and cultural and recreational facilities. To help the state and the Midwest meet the particular transportation problems of this region, it is proposed that an interdisciplinary program be organized through the Coordinated Science Laboratory, an interdisciplinary laboratory in the College of Engineering. Investigations already are under way on engineering aspects of transportation, and other members of the systems engineering group of the Laboratory are prepared to participate in this program. In addition, it is proposed that specialists from several social-science fields be recruited for the program through joint appointments with the departments of Economics, Political Science, Sociology, and Urban Planning. In addition, a joint appointment with the Department of Aeronautical and Astronautical Engineering would be made. The remainder of the budget would include funds for a computer programmer, computer time, equipment, supplies, and other expense.

#### **Program Expansion and Improvement**

##### *Instruction*

**1. Krannert Center for the Performing Arts (\$484,304).** The Krannert Center for the Performing Arts is scheduled to open in the fall of 1968 and will be officially dedicated in April of 1969. The biennial budget for 1967-69 included a total of \$163,500 for the operating expenses of the Center (exclusive of physical-plant maintenance). These funds have provided salaries for the director and a secretary (in 1967-68) and for 5.5 FTE administrative and technical personnel in 1968-69—plus additional funds for the wages of shop employees and for expense and equipment. The staff and budget for the present year represent only part of what will be needed for a full-scale operation of the Center throughout a complete biennium. An additional total of \$242,152 per year will be needed for 1969-71 in order to meet the costs of the programs planned for the Center by the five instructional and performing divisions (Opera, Dance, Theatre, Chorus, and Orchestra)—in addition to other University uses of the facilities. The additional funds would meet the following costs: (a) salaries of 19.5 FTE staff members (\$130,500); (b) wages of technicians, stage hands, attendants, and other operating personnel (\$91,182); (c) expenses (\$20,470).

**2. Additional Resources for the College of Veterinary Medicine (\$308,460).** Additional funds are requested for the College of Veterinary Medicine for two main purposes: (a) to remedy a very serious deficiency in academic and supporting staff in the Department of Veterinary Clinical Medicine; and (b) to provide the additional staff needed when the Small Animal Clinic and Hospital is occupied in the summer of 1970. For these purposes a total of \$80,560 is requested for the staff additions in 1969-70, and a further increase of \$147,340 will be needed in 1970-71 (all of it for staff salaries except \$18,500 for wages, expense, and equipment).

The magnitude of the staff deficiency in the Department of Veterinary Clinical Medicine is indicated by these facts: the faculty-student ratio in that Department during the past year was 1 to 11.4, whereas the faculty-student ratio in clinical departments of colleges of veterinary medicine generally in the United States (1963 data) is 1 to 5.35. That is to say, the instructional load in this Department is approximately twice the national average. Another measure of the excessive load is provided by faculty reports which show that faculty members in the Department spent from a minimum of twenty-eight clock hours per week to thirty-nine clock hours per week in teaching and related clinical duties—in addition to miscellaneous other extension, administrative, and professional activities.

It should be noted that one of the reasons for the accumulated staff deficiency has been the fact that adequate space has not been available in the College to accommodate new staff members. The space shortage will be remedied in 1970 with the occupancy of the new Small Animal Clinic and Hospital. (Some overcrowding

during 1969-70 can be tolerated, this being preferable to the continuation of the excessive work load.)

#### *Research*

1. *Agricultural Experiment Station (\$144,410)*. These funds are needed to offset reductions in federal appropriations that had been expected to meet normal salary increases and other increased costs—for the portion of the Agricultural Experiment Station's program supported by federal funds. Such shortages have occurred during 1967-68, and they will be even greater in 1968-69. Emergency adjustments have been made to meet the deficiencies in salary funds, but such adjustments can not be continued through 1969-71. A biennial total of \$86,500 will be needed during 1969-71 to offset the deficiency anticipated in federal appropriations for salary purposes, and \$57,910 to make up the estimated deficiency in federal funds for expense and equipment resulting from price increases. (To the extent that federal appropriations are increased to cover these costs, the requested state funds would not be used.)

2. *Office of Laboratory Animal Care (\$86,800)*. This Office was established during 1967-68 at the Urbana-Champaign campus in compliance with federal law and regulations governing the care of laboratory animals. With the limited funds available on a temporary basis, it has not been possible to staff the Office adequately for the total range of functions required. In order to place the temporary budget for 1967-69 on a recurring basis and to provide for the necessary additions during 1969-71, a total of \$43,400 per year is required (\$86,800 for the biennium). This budget would provide the salary of a half-time director, 1.0 FTE program administrative assistant, 1.0 FTE supervisory animal caretaker, 1.0 FTE clerk-stenographer, and .5 FTE laboratory assistant—plus \$4,500 for wages, expense, and equipment.

The functions of the Office of Laboratory Animal Care are to serve sixteen different departments by (a) upgrading the quality of experimental animals, and (b) improving animal care in order to meet the standards as promulgated under the Laboratory Animal Welfare Act of 1966 (Public Law 89-544).

#### *Public Service*

*Cooperative Extension Service (\$300,000)*. Like the Agricultural Experiment Station, the Cooperative Extension Service of the College of Agriculture has suffered serious shortages in federal appropriations during the current biennium. Although it is impossible at this time to predict accurately the course of federal appropriations during 1969-71, it seems highly unlikely that they will be increased sufficiently to overcome the deficit for the current biennium and to meet the further salary-rate increases anticipated for 1969-71. Hence, the present request is for \$127,000 per year for salary-rate increases and \$23,000 for increased expense and equipment costs that will not be added to the federal share of the budget for the Cooperative Extension Service. Since these amounts would be needed for both years of the biennium, a total of \$300,000 is requested. (To the extent that federal appropriations are increased to cover these costs, the requested state funds would not be used.)

#### *Other Increases*

1. *Educational Assistance to Disadvantaged Students (\$564,440)*. Using reserves and grant funds, the Urbana-Champaign campus now has under way a varied program designed to enrich the educational experiences of disadvantaged students—particularly during their first year at the University. The activities have included preadmission programs, special advisement and counseling services, special sections of basic courses, and financial aid. Intensive effort has been devoted to a plan to bring 500 Negro students to the campus in September, 1968, and it is hoped that this number can be increased in each year of the coming biennium.

The purpose of the budget request is to provide funds for supporting a substantial expansion of the present program—both in terms of numbers of students and of variety of instructional, counseling, and other special activities. The programs will be organized under three offices: Office of the Dean of Students, Office of Admissions and Records, and the Freshman Study Center (for students with deficiencies in English and mathematics). A summary of the total budget for the three programs for disadvantaged students is as follows:

	<i>Annual Increases</i>		<i>Biennial</i>
	<i>1969-70</i>	<i>1970-71</i>	<i>Total</i>
Academic staff members (13.5 FTE).....	\$ 84 500	\$18 700	\$187 700
Nonacademic staff members (8.0 FTE).....	40 520	5 040	86 080
Expense and equipment.....	15 830	3 000	34 660
Wages.....	3 000		6 000
Financial aid for students.....	100 000	50 000	250 000
<i>Total</i> .....	<i>\$243 850</i>	<i>\$76 740</i>	<i>\$564 440</i>

2. *Library Acquisitions and Other Expense (\$353,530)*. The Library's needs for a special budget increase—beyond what can be made available under enrollment-increase and price-increase formulae—arise from several conditions: (a) increasing costs of publications, including books, periodical subscriptions, and out-of-print rare books; (b) the rising volume of publications, requiring a progressive increase in the number of acquisitions in order to maintain the Library's relative standing among educational libraries; (c) increasing cost of binding journals; (d) substandard holdings in areas of growing enrollment and research demand (e.g., foreign-area studies). As an example of cost increases, the indexes of book and periodical prices over the past ten years show an average annual increase of nearly 10 per cent, while in several important categories the range is even higher. For example, the index figure for periodical prices in chemistry and physics during the past decade went from 100 to 222.6, and that for mathematics, botany, geology, and general science increased from 100 to 219.3.

All told, it seems clear that an increase of at least 25 per cent in the Library's budget for acquisitions, expense, and equipment will be necessary for the coming biennium if the quality of the Library's holdings and services is to be maintained. This would require the sum of \$251,095 for each year of the biennium for a total of \$502,190. Of this amount, it is estimated that the sum of \$148,660 would become available from enrollment-increase and price-increase funds, leaving a balance of \$353,530 to be provided by a special incremental increase.

3. *Computer Services for Instruction and Research (\$314,440)*. The Department of Computer Science at the Urbana-Champaign campus performs three major types of functions: (a) instruction in computer science; (b) mathematical and engineering research on computers and computer systems, including the development of "software" systems; (c) computational and data-processing services in support of instruction and research. The third of these functions is conducted by the Service Unit, which operates the new IBM 360/50/75 system. The latter has been installed and operated during the present biennium with substantial support from the National Science Foundation.

The total budget for the Service Unit in 1968-69 will be approximately \$1,466,000, of which state funds provide only about 24 per cent (\$348,700). Thirty-one per cent of the total (\$450,000) comes from the NSF grant, and the remaining 45 per cent is provided through charges to users and from grants of non-state funds made by the University Research Board. It seems likely now that part of the NSF grant for 1968-69 will have to be replaced by other funds, in view of the Foundation's recent directives to educational institutions to reduce their expenditures under NSF grants during 1968-69.

For 1969-70, the University had expected to receive further support from NSF—under a tentative commitment made at the time the two-year grant was approved—but there is no certainty at this time either that the grant will be renewed or that, if renewed, the anticipated amount would be forthcoming. An application is being submitted to NSF, however, and the budget for 1969-71 is being prepared on the assumption that NSF funds will be available.

The requested increase of \$125,000 per year in state funds (\$250,000 for the biennium) would cover mainly the computer-service costs of increasing enrollment in computer courses. At least an additional 850 students are expected to enroll in computer courses during both years of the coming biennium, with a resulting increase in student use of computer time. Computer use and related costs associated with this type of instructional service can not be met from enrollment-increase funds, which are barely sufficient to provide the additional teachers needed for regular classroom instruction in computer courses.

In addition to the instructional funds, a small biennial amount (\$64,440) is requested for additional staff to support developmental work on the Illinet system

(2.0 FTE academic and 1.0 FTE nonacademic staff members for each year of the biennium).

4. *Departmental Expense and Equipment Funds (\$600,000)*. A campus-wide survey of the needs of departments recently disclosed that they generally placed at the top of their lists requests for additional expense and equipment funds to offset deficiencies. The biennial increases that have been possible in departmental budgets for these purposes in recent years have simply been insufficient to keep pace with the increasing costs of maintaining scientific and technical laboratories. The growing complexity and sophistication of equipment has been one of the principal factors in producing these shortages.

The graduate and research expenses of scientific departments have been largely met in recent years through federal grants and contracts which have provided the greater part of the equipment needed by their faculty members and graduate students. The level of such federal support will almost certainly be reduced during 1969-71, although the magnitude of reduction can not be forecast at this time. With projected increases in graduate enrollment and in staff, however, it seems certain that the limitation in federal funds will add to the difficulties created by advancing technology and inflation in prices.

Furthermore, most of the scientific departments at the Urbana-Champaign campus have been revising their undergraduate laboratory work so as to involve the use of more sophisticated experimental equipment. The National Science Foundation has provided substantial assistance in support of such changes through its Undergraduate Instructional Scientific Equipment Program during the past three years: \$55,800 in 1966-67; \$48,300 in 1967-68; \$19,200 in 1968-69. These figures show clearly a declining trend in NSF support, which probably will be even lower by 1969-70. Meantime, the definite plans of three departments for changes in undergraduate laboratory instruction (Chemistry and Chemical Engineering, Microbiology, and Zoology) call for laboratory equipment that would cost some \$341,000.

The request of \$600,000 for the biennium includes two components: (a) a nonrecurring item of \$200,000 for 1969-70 only; (b) a recurring addition to the budget of \$200,000 in 1969-70, to continue at that level during 1970-71. This amount represents only a small fraction of the total of departmental requests, and it is very substantially lower than the sum submitted by the Chancellor for review by the University Budget Committee.

## VI. General University Programs

As already noted, the term "general University programs" is applied to activities that are administered on a University-wide basis. The instructional and public-service functions of the Division of University Extension are examples. Most of the remainder constitute general administrative and technical services—such as financial and business operations, physical-plant planning and construction, administrative data processing and public-information activities. Requests for increases to support the improvement of a limited number of all-University operations are shown in Table X, classified under two of the four budget categories ("Program Expansion and Improvement" and "Other Increases").

### Program Expansion and Improvement

1. *Enrollment Increases in Extension Courses (\$163,501)*. Funds for this purpose will not be included in the regular budget-formula calculations of funds needed for on-campus enrollment increases. Hence, it is necessary to submit this special request in order to have funds with which to meet the anticipated enrollment growth in extension courses during 1969-71.

The estimates of funds shown in Table X are based on the following projections of increased enrollment:

	1969-70	1970-71
Total credit hours.....	1,373	1,505
Total noncredit hours.....	600	750

Costs are estimated from the instructional costs for comparable courses at the Urbana-Champaign campus, not including indirect costs.

2. *Police Training Institute (\$108,400)*. In addition to the enrollment increases just described, the Division of University Extension wishes to expand the work of



**Table X. General University Programs: Summary of Increases Requested for Part I of 1969-71 Budget for Operations**

Category or Program	Annual Increases		Biennial Total
	1969-70	1970-71	
<i>Program Expansion and Improvement</i>			
Extension and Public Service			
1. Division of University Extension (enrollment increases).....	\$ 52 677	\$ 58 147	\$ 163 501
2. Police Training Institute (advanced training).....	46 200	16 000	108 400
3. Training program for nonacademic staff.....	48 465		96 930
<i>Subtotal</i> .....	(147 342)	(74 147)	(368 831)
<i>Total (Program Improvement)</i> ..	(147 342)	(74 147)	(368 831)
<i>Other Increases</i>			
1. Administrative data processing			
a. Chicago Circle campus.....	42 620	32 460	117 700
b. Medical Center campus.....	196 000	13 700	405 700
c. Urbana-Champaign campus..	144 350	-6 575	282 125
<i>Subtotal</i> .....	(382 970)	(39 585)	(805 525)
2. Improved programming for instructional television and for public broadcasts			
a. Chicago Circle campus.....	311 110	-304 430	317 790
b. Medical Center campus.....	394 500	-373 500	415 500
c. Urbana-Champaign campus..	253 000	-240 200	265 800
<i>Subtotal</i> .....	(958 610) <sup>1</sup>	(-918 130)	(999 090)
3. Improved planning and coordination of extension and public-service programs.....	90 000		180 000
<i>Subtotal</i> .....	(90 000)		(180 000)
<i>Total (Other Increases)</i> .....	(1 431 580)	(-878 545)	(1 984 615)
<i>Grand Total, General University Programs</i> .....			
	\$1 578 922	\$-804 398	\$2 353 446

the Police Training Institute by offering additional instruction in the following areas: (a) county law-enforcement problems; (b) collection of evidence; (c) enforcement of traffic regulation; (d) operation of chemical-testing devices; (e) advanced instruction in law enforcement.

It is estimated that approximately 256 additional officers would be enrolled during 1969-70 in intensive courses in these fields—ranging between two and four weeks in length—and an additional 120 officers in the second year of the biennium.

3. *Training Program for Nonacademic Staff (\$96,930)*. These additional funds are needed to support an expansion of the training courses offered by the Division of University Extension at the three campuses for the purpose of improving the skills of nonacademic employees. Such training is offered particularly for the benefit of employees from "disadvantaged" backgrounds—both to improve efficiency at the time of hiring and to upgrade skills so as to qualify them for promotion. Courses are also offered for the training of supervisors of such employees—in order to improve their effectiveness in directing on-the-job training and in helping to create a favorable job "climate" for the employees supervised.

Of the biennial total requested (\$96,930), the allocations among the three campuses would be approximately as follows: (a) Chicago Circle, 15 per cent; Medical Center, 27 per cent; Urbana-Champaign, 58 per cent.

#### Other Increases

1. *Administrative Data Processing (\$805,525)*. This biennial increase is urgently needed to enable the University to implement its plans for a comprehensive "network" of institutional data-processing operations. For the administration of this network, the Board of Trustees recently approved a reorganization of what

<sup>1</sup> Of this amount, \$915,630 is nonrecurring and is subtracted in the second year.

had been called the "Statistical Service Unit" — an office whose staff and equipment has been heavily concentrated at the Urbana-Champaign campus, with relatively small and inadequate operations at the other two campuses. Under the reorganization, the following units have been established:

- University Office of Administrative Data Processing
- Chicago Circle Office of Administrative Data Processing
- Medical Center Office of Administrative Data Processing
- Urbana-Champaign Office of Administrative Data Processing

The directors of the three campus Offices have "line" responsibility to the University Director of Administrative Data Processing, who is also in charge of the University Office—a central unit concerned with University-wide systems analysis, the design of new programs, and the continuing development of an integrated network serving the entire University system. The campus Offices have responsibility primarily for "production" operations. Their "design-development" capabilities are limited to what is required for systems maintenance locally, for the adaptation of University-wide systems to local conditions, and for the unique services required by the respective campus administrations.

Until about eight years ago, the Statistical Service Unit was limited to a single office at the Urbana-Champaign campus, and its facilities consisted principally in conventional IBM unit-record equipment (card punch, sorting, and tabulating machines). Since that time, the agency has "computerized" its operations in the effort to keep pace with the growing volume of service requirements from the Business Office, the Office of Admissions and Records, the Bureau of Institutional Research, the Office of Space Utilization, the Graduate College, and other educational offices at campus, college, and departmental levels. Meantime, new orders of magnitude in demand have developed in the form of information requirements of the Illinois Board of Higher Education, the United States Office of Education, and numerous other non-University agencies.

In the effort to hold costs to a moderate level, and in the face of higher-priority demands for limited funds from educational units, the operating budget of the Statistical Service Unit from recurring state funds has become increasingly inadequate to enable the Unit to meet these accelerating service demands. The gap has been bridged to some extent by the use of temporary reserve funds when acute emergencies required an expansion of operations. But such emergency financing has made orderly growth and planning difficult; and it has been particularly inadequate to meet the growing demands for services at the two Chicago campuses. Nor has the Unit been able to meet the growing demands for administrative information needed for University-wide purposes.

Systematic studies of the operations and needs of the Offices of Administrative Data Processing have been made during the past year—partly in the form of the planning activities of the staff of the Unit and partly through a systematic review of its operations by a University Committee on Administrative Data Processing (a selected group of faculty specialists). Special attention was given by this Committee to the needs at the Chicago campuses and to the requirements of a University-wide "network" of data-processing operations for administrative purposes. The requests for funds presented in Table X are being submitted in the light of these studies and recommendations, and after review by the University Budget Committee. The total requested for the biennium (\$805,525) represents slightly less than two-thirds the amount needed for all of the purposes suggested above. The remainder would be provided from enrollment-increase funds under the regular budget formula.

With the proposed increases for the three campuses, it will be possible to shift to the two Chicago campuses most of the "production" work load now carried for them by the unit at the Urbana-Champaign campus. The Chicago Offices will be able to process the data required for the following activities: accounting, payroll, purchase-order follow-up, stores inventory, general accounts receivable, student accounts receivable, fee analysis, physical-plant accounting, student admissions, student records, electronic scheduling of courses, timetable of courses, space inventory and analysis, space reports required by the Board of Higher Education, academic personnel information (including work assignments), nonacademic personnel information, State Board cost study, staff and teaching load analyses, alumni records, health service records, student-survival records and ratios, and teacher-education records.

At the Medical Center campus, in particular, the expanded program would allow for the development of an administrative information system for the Research and Educational Hospitals. At present, virtually none of the operations of the Hospitals has been "computerized," with the result that routine management activities are unduly costly and the heavy load of additional work generated by Medicare and the increasingly complex nature of hospital services has not been adequately assimilated.

2. *Improved Programming for Instructional Television and for Public Broadcasts (\$999,090).* The University at present has no facilities at any of its campuses for producing color television programs—to the detriment of the effective utilization of television for on-campus instruction, off-campus adult education, and the education of students for professional careers in television. The lack of color capability in all three of these areas is critical. For on-campus instruction, the need is most acute at the Medical Center campus—where the use of television in demonstration teaching is substantial and color programming is essential if the educational effectiveness of the medium is to be satisfactorily achieved. In the preparation of students for careers in television, the College of Communications at Urbana-Champaign and the Department of Speech and Theatre at Chicago Circle are seriously handicapped by having to use equipment and methodology that is almost completely outmoded in the broadcasting industry today. In the field of off-campus adult education, the lack of color capability in the studios of all three campuses threatens to undermine existing relationships between the University and commercial television stations. (The latter virtually decline to use educational programs videotaped in University studios using its "black-and-white" equipment.)

Funds are requested for two general purposes: (a) to provide the equipment required for color television productions at all three campuses (\$915,630 in non-recurring funds)<sup>1</sup>; (b) to increase the operating budgets for television programming at the three campuses in amounts sufficient to offset the greater cost of color productions and to support a moderate increase in the number of programs produced (\$83,460 in recurring funds for the biennium). Breakdowns of the two sets of requests are as follows:

	Annual Increases		Biennial
	1969-70	1970-71	Total
<i>Equipment (nonrecurring)</i>			
Chicago Circle campus.....	\$305 430		\$305 430
Medical Center campus.....	370 000		370 000
Urbana-Champaign campus.....	240 200		240 200
<i>Total</i> .....	\$915 630		\$915 630
<i>Staff and Expense (recurring)</i>			
Chicago Circle campus.....	\$ 5 680	\$ 1 000	\$ 12 360
Medical Center campus.....	24 500	—3 500	45 500
Urbana-Champaign campus.....	12 800		25 600
<i>Total</i> .....	\$ 42 980	\$—2 500	\$ 83 460

3. *Improved Planning and Coordination of Extension and Public-Service Programs (\$180,000).* During the past academic year, an extensive staff study has been made of the extension and public-service activities of the University, partly in relation to the reorganization of its administrative structure under the chancellorship system. For some time, it has been apparent that changes probably would be necessary if the University is to keep pace with the expanding public needs for specialized adult education, for technical assistance to public agencies at all governmental levels, and for effective relationships with business and industry.

A comprehensive report based on the study is now under review, and it seems likely that by the end of the current academic year the principal recommendations will have been approved. Meantime, there has been such a high degree of agreement on one of the proposals that it seems desirable to implement it during the coming biennium. This recommendation calls for the appointment of a campus director of extension and public-service programs at each campus, reporting to the chancellor and responsible for campus-wide planning and coordination of extension

<sup>1</sup> The items for color television equipment were originally included in the University's 1969-71 request for capital funds. They were transferred from the capital budget to this document at the suggestion of the staff of the Board of Higher Education.

and public-service activities. The funds requested in Table X (\$30,000 per year for each campus) would provide salaries and expense budgets for the three offices established to carry out the programs.

#### AWARD OF CERTIFIED PUBLIC ACCOUNTANT CERTIFICATES

(3) The Committee on Accountancy recommends that the certificate of Certified Public Accountant be awarded to the following candidates who passed the standard written examination given in May, 1968, and who have fulfilled all other legal requirements under Sections 1, 2, and 3 of the Illinois Accountancy Act of 1943 as amended:

CLARK ANDERSON ABSHER, Palatine, Illinois	PETER ANTHONY CANGELOSI, Chicago, Illinois
DAVID FRANCIS ALEXANDER, Pekin, Illinois	ROGER WAYNE CANTLIN, Naperville, Illinois
GEORGE STEVEN ALT, Chicago, Illinois	DANNY LEE CARLSON, Alpha, Illinois
SYLVESTER L. AMATANGELO, Jr., Chicago, Illinois	ALBERT GEORGE CARTER, Medinah, Illinois
RICHARD DON ANDERSON, Des Plaines, Illinois	CARL SIKI CEITHAML, Wilmette, Illinois
ROBERT LAWSON ANDERSON, Chicago, Illinois	JACK PAUL CHIVATERO, Elmhurst, Illinois
LLOYD DARRELL ATER, Decatur, Illinois	MICHAEL PHILIP CHMURA, Chicago, Illinois
ELLIOTT BANKENDORF, Chicago, Illinois	RONALD HENRY COELYN, Chicago, Illinois
LEE RICHARD BARBAKOFF, Chicago, Illinois	RICHARD MERKEL COFRIN, Des Plaines, Illinois
BERNADINE ESTHER BARNES, Chicago, Illinois	SEYMOUR ELLIOTT COLEMAN, Chicago, Illinois
RITA THERESE BAROLO, Elmhurst, Illinois	DANIEL EDWARD COUGHLIN II, Berwyn, Illinois
LAWRENCE JOE BENAC, Bensenville, Illinois	JAMES STEWARD COX, Chicago, Illinois
JEFFERY KENT BENHAM, Chicago, Illinois	THOMAS FRANCIS CROWLEY, Oak Park, Illinois
CHARLOTTE VIRGINIA BERRY, Chicago, Illinois	CAROL ANN CURLEE, Midlothian, Illinois
THOMAS ARTHUR BERRY, Jr., Elk Grove Village, Illinois	JOHN HENRY CYNKAR, Chicago, Illinois
RICHARD DALE BIRK, Northbrook, Illinois	ANTHONY CZOPCZYK, Chicago, Illinois
MARTIN HOWARD BIRNBAUM, Decatur, Illinois	MARSHALL SEYMOUR DAPIN, Skokie, Illinois
THOMAS MICHAEL BLANCHFIELD, Blue Island, Illinois	JAMES CORY DILTZ, Arlington Heights, Illinois
PAUL BOESEN, Jr., Rolling Meadows, Illinois	MARVIN JAMES DITTMAN, Dundee, Illinois
JACK CARY BOROK, Evanston, Illinois	LEROY PAUL DOBBINS, Chicago, Illinois
NORMAN MICHAEL BOROWSKI, Cicero, Illinois	DONALD JAMES DONNELLY, Addison, Illinois
KENNETH EDWARD BRADY, Lincolnwood, Illinois	ALAN GORDON DONOHUE, Berwyn, Illinois
LEONARD DONALD BRANNER, Chicago, Illinois	DANIEL PATRICK DONOVAN, Chicago, Illinois
JAMES PATRICK BRAY, Champaign, Illinois	JAMES VINCENT DONOVAN, Chicago, Illinois
RALPH PATRICK BRAY, Chicago, Illinois	GEORGE RICHARD DOOLEN, Prospect Heights, Illinois
SHERWIN ARON BROOK, Chicago, Illinois	RONALD LEE DRAGHI, Villa Park, Illinois
DAVID ADDISON BUEHRER, Chicago, Illinois	ARTHUR JAMES DREYER, South Holland, Illinois
JON ARTHUR BURGMAN, Chicago Heights, Illinois	DEAN THOMAS DUCRAY, DeKalb, Illinois
RICHARD THOMAS BURKE, Chicago, Illinois	DENNIS GRAY DUITCH, Des Plaines, Illinois
MICHAEL ALLEN CAHAN, Lincolnwood, Illinois	LAWRENCE ALLAN EDELHEIT, Niles, Illinois

ALLAN WILLIAM EGGLESON, Sycamore,  
 Illinois  
 CRAIG RUSSELL EHLEN, Des Plaines,  
 Illinois  
 DAVID CAMPBELL FISHER, Champaign,  
 Illinois  
 JAMES FRANCIS FITZGERALD, Blue  
 Island, Illinois  
 ROY EARL FRAZIER III, Centralia,  
 Illinois  
 DAVID FRIEDMAN, Chicago, Illinois  
 ROBERT LESTER GADDIS, Berwyn, Illinois  
 JERRY JOSEPH GARTNER, Downers  
 Grove, Illinois  
 WILLIAM GEORGE GERRISH, Berwyn,  
 Illinois  
 RONALD LEE GIESEKE, Rockford, Illinois  
 JOSEPH THOMAS GILL, Morton Grove,  
 Illinois  
 FRED GOODMAN, Chicago, Illinois  
 ORVILLE HAROLD GRANADE, Geneseo,  
 Illinois  
 GILBERT HOWARD GREENE, Niles, Illinois  
 ROBERT GERARD GRIMLEY, Broadview,  
 Illinois  
 MICHAEL IRWIN GRONER, Chicago,  
 Illinois  
 ROBERT JOHN HAMMAN, Jr., Winnetka,  
 Illinois  
 LAWRENCE MARK HARTMAN, Evanston,  
 Illinois  
 STEVEN ALLEN HASSEBROCK, Champaign,  
 Illinois  
 IVAN LEE HASSELBUSCH, Glen Ellyn,  
 Illinois  
 KEVIN JAMES HAYES, Elgin, Illinois  
 WILLIAM CHARLES HEIN, Oak Park,  
 Illinois  
 JAMES FRED HICKMAN, Glenview,  
 Illinois  
 JUSTIN LEONARD HIMEL, Chicago,  
 Illinois  
 CREIGHTON GEORGE HOFFMAN, Lisle,  
 Illinois  
 DAVID SIGMUND HOYEM, Chicago,  
 Illinois  
 BRUCE FREDERICK HUBBELL, Des  
 Plaines, Illinois  
 WALTER BENWELL HULTIN, Berkeley,  
 Illinois  
 RICHARD CARL JARCHOW, Chicago,  
 Illinois  
 DAVID LAWRENCE KAHN, Chicago,  
 Illinois  
 ROBERT ORMAN KAISER, Morton, Illinois  
 NICHOLAS ANTHONY KARGAS,  
 Collinsville, Illinois  
 THOMAS PATRICK KEARNEY, Chicago,  
 Illinois  
 CHARLES HENRY KETTEMAN, Chicago,  
 Illinois  
 FLOYD FIRMAN KETTERING, JR., Villa  
 Park, Illinois  
 JOON KYU KIM, Park Forest, Illinois

HARVEY KIMMEL, Chicago, Illinois  
 JOHN EDWARD KING, Des Plaines,  
 Illinois  
 RITA MARIE KOCHER, Olney, Illinois  
 ERHARD ERNST ALFRED KOERMER,  
 Chicago, Illinois  
 TRACY IRENE KOPTIK, Chicago, Illinois  
 CASIMIR HARRY KOTT, Hickory Hills,  
 Illinois  
 JOHN COVEY LERE, LeRoy, Illinois  
 DONALD ALAN LEVY, Chicago, Illinois  
 JOSEPH MARK LISS, Skokie, Illinois  
 JOHN MICHAEL LUXEM, Chicago, Illinois  
 RICHARD ALLEN MAMER, Urbana,  
 Illinois  
 JOHN DAVID MARION, Evanston, Illinois  
 DONALD LE ROY MARKS, Chicago,  
 Illinois  
 JAMES DAVID MAYER, Chicago, Illinois  
 CHARLES GEORGE MAYPOLE, Evanston,  
 Illinois  
 JOSEPH TERENCE MCCARTHY, Elmwood  
 Park, Illinois  
 WILLIAM DAVID MCCLURE,  
 Bloomington, Illinois  
 BARRY RIXMANN MILLER, Centralia,  
 Illinois  
 EDWARD JOHN MONTWILL, Niles, Illinois  
 THOMAS JAMES MORAN, Country Club  
 Hills, Illinois  
 GEORGE WEST MUNZ, Los Angeles,  
 California  
 LONN WILLIAM MYERS, Rockford,  
 Illinois  
 MICHAEL KENNETH NIELSEN,  
 Northbrook, Illinois  
 MERRILL GUY NORTON, Urbana, Illinois  
 PATRICK JOSEPH O'BRIEN, Chicago,  
 Illinois  
 DUANE GLEN OESTERREICH, Champaign,  
 Illinois  
 ALFRED JON OLSEN, Evanston, Illinois  
 RICHARD JOHN O'NEILL, Urbana,  
 Illinois  
 JOHN WILLIAM OZAG, Oak Park,  
 Illinois  
 WILLIAM THOMAS PAPINEAU, Chicago,  
 Illinois  
 BARRETT RAY PETERSON, Chicago,  
 Illinois  
 ROBERT ALEX PETSKA, Chicago, Illinois  
 RICHARD STEPHEN PIETRZAK, Cicero,  
 Illinois  
 GERALD LEROY PORTER, Elmhurst,  
 Illinois  
 ELDON DENNIS PROTHE, Chicago,  
 Illinois  
 CHARLES WILLIAM QUEENAN, Evanston,  
 Illinois  
 ALAN JOSEPH RAUSCH, Washington,  
 Illinois  
 LESTER JOHN RHODES, Dixon, Illinois  
 ARCHIE BERNARD ROBINSON, Chicago,  
 Illinois

ROBERT ALLEN RUCINSKI, Riverdale, Illinois	JOHN JOSEPH SULLIVAN, Jr., Chicago, Illinois
JERRY DON RUDMAN, Morton Grove, Illinois	MICHAEL LEE SULLIVAN, Jr., Chicago, Illinois
JOHN JOSEPH SADLER, Oak Lawn, Illinois	JAMES BERNARD SZALCZYNSKI, Oak Park, Illinois
WESLEY ROY SAMUELS, Chicago, Illinois	JOHN GEORGE TABOR, Chicago, Illinois
ROBERT MICHAEL SANTONI, Evergreen Park, Illinois	WAYNE ALLEN TOWLER, Lyons, Illinois
HENRY FRANCIS SANTOSTEFANO, Glenview, Illinois	NORMAN HENRY ULBRICH, Des Plaines, Illinois
RICHARD STEPHEN SAVICH, Chicago, Illinois	RONALD EDWARD UNDERWOOD, Chicago, Illinois
JAMES EDWARD SCANLON, Chicago, Illinois	MILO VANASEK, Western Springs, Illinois
DONALD JOSEPH SCHAFER, Evanston, Illinois	JOHN ARTHUR VAN OSDOL, Urbana, Illinois
BRUCE CHARLES SCHIFF, Chicago, Illinois	GEORGE ROGER VRANA, DeKalb, Illinois
WILLIAM ALLEN SCHOEN, Springfield, Illinois	GEORGE GERALD VRECHEK, Clarendon Hills, Illinois
WAYNE LEE SELZ, Chicago, Illinois	RICHARD ALLEN WALLHOFF, Palatine, Illinois
BRUCE ROGER SENTS, Chicago, Illinois	WARREN WAYNE WATERMAN, Wheaton, Illinois
PHILIP RICHARD SMITH, Elk Grove, Illinois	HUGH HOURSTON CRAIGIE WEED III, Arlington Heights, Illinois
RICHARD JAMES SMITH, Glen Ellyn, Illinois	ROBERT JOEL WHITE, Chicago, Illinois
PAUL DEANER SNYDER, Mount Prospect, Illinois	EDWARD JAMES WICKERT, Berwyn, Illinois
JAMES KENNETH STEEN, Chicago, Illinois	RONALD FRANCIS WILSON, Champaign, Illinois
JACK MICHAEL STEIN, Chicago, Illinois	DENNIS ELWYN WOOD, Arlington Heights, Illinois
JOHN ROBERT STEWART, Chicago, Illinois	DAVID PAUL WRIGHT, Charleston, Illinois
HOWARD LAWRENCE STONE, Chicago, Illinois	CHARLES MICHAEL YACULLO, Skokie, Illinois
JOHN HENRY STUMMER, Chicago, Illinois	SHERWIN ALVIN ZUKERMAN, Chicago, Illinois

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 Certificate</i>
WALLACE RAY ANSBURG	Calumet City, Illinois	Indiana
EBEN CHANDLER CUTLER	Brookville, Ohio	New York
LOUIS WOODWARD ENGLAND	St. Louis, Missouri	Michigan
DONALD NORMAN JONES	Hoffman Estates, Illinois	Indiana
DOROTHY EVELYN LITRELL	Niles, Illinois	New Mexico
LOWELL SHERMAN PETHLEY	Arlington Heights, Illinois	Washington
HERMAN JOHN SCHULTE	Richmond Heights, Missouri	Missouri
CARL HERBERT SCHUMANN	Arlington Heights, Illinois	Oklahoma

I concur.

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

#### APPOINTMENTS TO THE FACULTY

(4) 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. FRANCES JEAN EVANS, Assistant Professor of Physical Education for Women, beginning September 1, 1968 (1), at an annual salary of \$10,000.
2. SAMUEL FEDER, Assistant Professor of Mathematics, beginning September 1, 1968 (3), at an annual salary of \$11,000.
3. GERALD LEONARD GORDON, Assistant Professor of Mathematics, beginning September 1, 1968 (1), at an annual salary of \$9,500.
4. PETER R. KNAUSS, Assistant Professor of Political Science, beginning September 1, 1968 (2), at an annual salary of \$10,200.
5. KENNETH KRAUSE, Assistant Professor in the Jane Addams Graduate School of Social Work, beginning September 1, 1968 (1), at an annual salary of \$12,500.
6. MU-CHOU LIU, Assistant Professor of Mathematics, beginning September 1, 1968 (1), at an annual salary of \$9,500.
7. CHRISTOPHER G. NARCISSE, Assistant Professor in the Jane Addams Graduate School of Social Work, beginning September 1, 1968 (1), at an annual salary of \$13,500.
8. MYRON R. ROSENTHAL, Assistant Professor of Systems Engineering, beginning September 1, 1968 (2), at an annual salary of \$11,000.
9. LALITHA P. SANATHANAN, Assistant Professor of Quantitative Methods, College of Business Administration, beginning September 1, 1968 (1), at an annual salary of \$10,000.
10. SATISH C. SAXENA, Professor of Energy Engineering, beginning September 1, 1968 (A), at an annual salary of \$18,000.
11. HARRY W. SCHLOETTER, Assistant Professor of Criminal Justice, on one-third time, beginning September 1, 1968 (D33), at an annual salary of \$3,000.
12. STEPHEN SZÉPE, Associate Professor of Energy Engineering, beginning September 1, 1968 (Q), at an annual salary of \$12,500.
13. KENNETH L. UHERKA, Assistant Professor of Energy Engineering, beginning September 1, 1968 (1), at an annual salary of \$11,000.
14. ROBERT I. WALTER, Professor of Chemistry, beginning September 1, 1968 (A), at an annual salary of \$21,500.
15. HARRIETTE J. WATSON, Assistant Professor in the Jane Addams Graduate School of Social Work, beginning September 1, 1968 (1), at an annual salary of \$10,700.
16. GORDON H. GEIGER, Associate Professor of Metallurgy, Department of Materials Engineering, beginning September 1, 1968 (A), at an annual salary of \$14,500.

#### Medical Center

17. LEVON A. AKOPIANTZ, Associate Professor of Physical Medicine and Rehabilitation, College of Medicine, beginning July 15, 1968, on 70 per cent time (QY70), at an annual salary of \$16,100.
18. CHARALAMPOS ARSENIS, Assistant Professor of Biological Chemistry, College of Medicine, beginning January 1, 1969 (1Y), at an annual salary of \$13,000.
19. JOHN R. BOLT, Assistant Professor of Anatomy, College of Medicine, beginning September 1, 1968 (1Y), at an annual salary of \$12,000.
20. CLARK E. CUNNINGHAM, Associate Professor of Anthropology, Urbana, and Associate Professor of Preventive Medicine and Community Health, College of Medicine, assigned to the Faculty of Medicine, Chiangmai Hospital, Thailand, Agency for International Development, for the period from May 14 through May 16, and from July 15, 1968, through July 11, 1970, at an annual salary of \$18,350.

21. GEORGE R. HONIG, Assistant Professor of Pediatrics, College of Medicine, beginning July 1, 1968 (1Y), at an annual salary of \$17,000.
22. HELEN HOTCHNER, Associate Professor of Nursing, College of Nursing, beginning September 1, 1968 (Q), at an annual salary of \$12,000.
23. NEWTON RESSLER, Associate Professor of Pathology, College of Medicine, and Assistant Director of Hospital Laboratories, Research and Educational Hospitals, beginning September 1, 1968 (AY), at an annual salary of \$18,000.
24. WILLEANE V. SCHROCK, Assistant Professor of Nursing, College of Nursing, beginning September 1, 1968 (1), at an annual salary of \$9,500.

#### Urbana

25. BRUCE P. BARDES, Assistant Professor of Mechanical Engineering and of Metallurgical Engineering, beginning September 1, 1968 (1), at an annual salary of \$12,000.
26. MARVIN BERHOLD, Assistant Professor of Industrial Administration and Business Administration, Department of Business Administration, beginning September 1, 1968 (1), at an annual salary of \$12,500.
27. DOUGLAS A. BERNSTEIN, Assistant Professor of Psychology, beginning September 1, 1968 (1), at an annual salary of \$10,000.
28. MARIANNE BURKHARD, Assistant Professor of Germanic Languages and Literatures, beginning October 1, 1968 (1), at an annual salary of \$10,000.
29. TERENCE CROWLEY, Director of Library Research Center and Assistant Professor of Library Science, beginning February 1, 1969 (DY,1Y), at an annual salary of \$15,000.
30. BENJAMIN S. DUVAL, JR., Associate Professor of Law, beginning September 1, 1968 (Q), at an annual salary of \$16,000.
31. WARREN T. FORD, Assistant Professor of Chemistry, beginning September 1, 1968 (1), at an annual salary of \$10,000.
32. GEORGE K. FRANCIS, Assistant Professor of Mathematics, beginning September 1, 1968 (1), at an annual salary of \$10,000.
33. WILLIAM J. FRASCELLA, Assistant Professor of Mathematics, beginning September 1, 1968 (1), at an annual salary of \$10,000.
34. PAUL A. FRIEDMAN, Assistant Professor of English, beginning September 1, 1968 (1), at an annual salary of \$9,800.
35. ANTHONY F. GRAMZA, Assistant Professor of Recreation and Park Administration, beginning September 1, 1968 (1Y), at an annual salary of \$11,250.
36. DEAN LEO HOAG, Assistant Professor of Agricultural Engineering, beginning July 15, 1968 (1Y), at an annual salary of \$13,200.
37. HERBERT C. JACKSON, JR., Assistant Professor of Art, beginning September 1, 1968 (1), at an annual salary of \$11,500.
38. CHIN KIM, Assistant Law Librarian with rank of Assistant Professor, Library, beginning September 1, 1968 (1Y), at an annual salary of \$12,000.
39. KARL KOENKE, Assistant Professor of Elementary Education, beginning September 1, 1968 (1), at an annual salary of \$11,000.
40. ROGER A. KOTOSKE, Assistant Professor of Art, beginning September 1, 1968 (4), at an annual salary of \$11,500.
41. CAROL ANNE KYLE, Assistant Professor of English, beginning September 1, 1968 (1), at an annual salary of \$9,300.
42. MARTHA LANDIS, Associate Reference Librarian with rank of Assistant Professor, Library, beginning September 1, 1968 (5Y), at an annual salary of \$10,000.
43. WALTER D. LEMBKE, Associate Professor of Agricultural Engineering, beginning October 1, 1968 (AY), at an annual salary of \$17,000.
44. LAURENCE J. LIEBERMAN, Associate Professor of English, beginning September 1, 1968 (A), at an annual salary of \$15,000.
45. WALTER E. MASSEY, Assistant Professor of Physics, beginning September 1, 1968 (1), at an annual salary of \$11,000.
46. GABRIELE S. ROBINSON, Assistant Professor of English, on one-third time, beginning September 1, 1968 (D33), at an annual salary of \$3,100.
47. JACK K. ROBINSON, Assistant Professor of Physical Education for Men, beginning September 1, 1968, on one-fifth time (D20), at an annual salary of \$2,600.
48. JOHN A. SALVIA, Assistant Professor of Special Education, on 75 per cent time,



- and in the Institute for Research on Exceptional Children, on 25 per cent time, beginning September 1, 1968 (1), at an annual salary of \$10,500.
49. JOHN R. SCHUELER, Professor of Art, beginning September 1, 1968 (A), at an annual salary of \$19,000.
  50. HENRY CURTIS STEPHENS, JR., Assistant Professor of Art, beginning September 1, 1968 (3), at an annual salary of \$10,500.
  51. KENNETH BARRY STOLARSKY, Assistant Professor of Mathematics, beginning September 1, 1968 (1), at an annual salary of \$10,000.
  52. ROBERT LEE SWITZER, Assistant Professor of Biochemistry, beginning September 1, 1968 (1), at an annual salary of \$11,500.
  53. JUNE S. SZIROTTY, Assistant Professor of English, beginning September 1, 1968 (1), at an annual salary of \$9,400.
  54. TAKASHI TAKAYAMA, Professor of Economics, on 60 per cent time, and Professor of Agricultural Economics, on 40 per cent time, during the academic year and 100 per cent during the summer, beginning September 1, 1968 (A), at an annual salary of \$18,500.
  55. J. JERRY UHL, JR., Assistant Professor of Mathematics, beginning September 1, 1968 (1), at an annual salary of \$10,000.
  56. MELVIN M. WAGNER, Associate Professor of Agricultural Economics, for one year from July 1, 1968 (AY), at a salary of \$18,000.
  57. NEAL WEIDENHOFER, Research Assistant Professor of Computer Science, for the academic year 1968-69, at a salary of \$11,500.
  58. DONALD THOMAS WILLIAMS, JR., Assistant Professor of Higher Education, Department of Secondary and Continuing Education, beginning September 1, 1968 (1), at an annual salary of \$13,000.
  59. GERALD P. WIRTZ, Assistant Professor of Ceramic Engineering, beginning September 1, 1968 (1), at an annual salary of \$13,500.

#### Visiting Staff

60. JOSEPHINE W. BENNETT, Visiting Professor of English, Chicago Circle, for the academic year 1968-69 (D), at a salary of \$16,000.
61. KUO-CHANG CHU, Visiting Professor of Accountancy, Urbana, for the period from September 16, 1968, through January 31, 1969 (E), at a salary of \$11,000.
62. JAMES DOUGLAS, George A. Miller Professor of Political Science and Visiting Associate, Center for Advanced Study, Urbana, for the academic year 1968-69 (E), at a salary of \$15,000.
63. WALTER T. FELDT, Visiting Assistant Professor of Mechanical Engineering, Department of Materials Engineering, Chicago Circle, for the academic year 1968-69 (D), at a salary of \$10,200.
64. BERTRAM HUPPERT, Visiting Professor of Mathematics, Chicago Circle, for the period from October 1, 1968, through February 28, 1969 (G), at a salary of \$8,000.
65. FREDERICK E. KIDDER, Visiting Associate Professor in the Graduate School of Library Science, Urbana, for the academic year 1968-69 (D), at a salary of \$11,000.
66. STEPHEN G. KUKOLICH, Visiting Assistant Professor of Chemistry, Urbana, for the academic year 1968-69 (D), at a salary of \$9,000.
67. HEINZ LÜNEBURG, Visiting Professor of Mathematics, Chicago Circle, for the academic year 1968-69 (E), at a salary of \$18,000.
68. HELEN MARY MCCAMMON, Visiting Associate Professor of Geological Sciences, Chicago Circle, for the academic year 1968-69 (D), at a salary of \$10,800.
69. RITA NOLAN, Visiting Assistant Professor of Philosophy, Chicago Circle, on 40 per cent time, for the academic year 1968-69 (E40), at a salary of \$3,900.
70. DONALD ROY SALPER, Visiting Associate Professor of Speech, Urbana, for the academic year 1968-69 (D), at a salary of \$13,000.
71. E. ALLEN SCHENCK, Visiting Assistant Professor of Psychology, Urbana, for the academic year 1968-69 (E), at an annual salary of \$10,000.
72. CLIFFORD E. SMITH, Visiting Associate Professor of Industrial Administration, Department of Business Administration, Urbana, for the first semester 1968-69, on one-half time, at a salary of \$8,000.
73. JUOZAS RIMAS VAISNYS, Visiting Associate Professor of Geology, Urbana, for the academic year 1968-69 (E), at a salary of \$14,000.
74. JAMES W. WARWICK, George A. Miller Visiting Professor of Physics, Astron-

omy, and in Coordinated Science Laboratory, Urbana, for the period from September 16, 1968, through January 31, 1969 (E), at a salary of \$11,500.

75. LAWRENCE A. WHITE, Visiting Assistant Professor of Civil Engineering, Urbana, beginning September 16, 1968 (E), at an annual salary of \$9,500.

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

#### **NONSALARIED FACULTY OF THE COLLEGE OF MEDICINE, 1968-69**

(5) Upon recommendations of the Dean of the College of Medicine and the Chancellor at the Medical Center, and with the concurrence of the Executive Vice President and Provost, I have approved appointments and reappointments to the nonsalaried faculty of the College of Medicine for the academic year beginning September 1, 1968. The list of these appointments is being filed with the Secretary of the Board for record, and his office will issue the usual notices to the appointees.

Following is a comparative summary of the number of appointments in each department for the years 1967-68 and 1968-69.

Summary		
<i>Department</i>	<i>1967-68</i>	<i>1968-69</i>
Anatomy.....	5 (1) <sup>1</sup>	7 (1)
Biological Chemistry.....	18	20
Dermatology.....	32 (5)	26 (6)
Medical Social Work.....	7	9
Medicine.....	334 (29)	316 (32)
Microbiology.....	12 (1)	13 (1)
Neurology and Neurological Surgery.....	22 (1)	19 (1)
Obstetrics and Gynecology.....	104 (5)	98 (7)
Occupational Therapy.....	3	4
Ophthalmology.....	59 (5)	55 (5)
Orthopaedic Surgery.....	26 (3)	27 (3)
Otolaryngology.....	66 (13)	55 (10)
Pathology.....	50 (3)	52 (3)
Pediatrics.....	96 (8)	87 (9)
Pharmacology.....	4	5
Physical Medicine and Rehabilitation.....	8	8
Physiology.....	4 (2)	(1)
Preventive Medicine and Community Health....	21 (2)	24 (2)
Psychiatry.....	145 (3)	163 (3)
Radiology.....	42 (1)	40 (1)
Surgery (including Urology and Anesthesiology) ..	225 (17)	236 (21)
	1 283 (99)	1 264 (106)

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

#### **REVISION OF UNDERGRADUATE HEALTH EDUCATION CURRICULUM, URBANA**

(6) The Urbana-Champaign Senate has approved a recommendation from the College of Physical Education that the undergraduate major curriculum in health education be revised to permit options in school safety education and public safety education to be offered. Both options would lead to the same degree: Bachelor of Science in Health and Safety Education.

The proposed requirements are the same for students in the freshman and sophomore years as those for the presently offered options in school health education and in community health education. During the junior and senior years, the proposed options will provide students with greater specialization and place greater emphasis on the behavioral sciences.

Students electing the school health education or the school safety education option must meet teacher education requirements applicable to all curricula and also complete one teacher education minor.

Students electing the community health education or the public safety education option are required to take a field work course during their junior or senior year.

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

<sup>1</sup> The figures in parentheses indicate the number of emeritus members.

The Senate Coordinating Council has indicated that no further Senate jurisdiction is involved.

I recommend approval.

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

#### AN INTERINSTITUTIONAL GRADUATE STUDY CENTER IN THE QUAD-CITIES AREA<sup>1</sup>

(7) In adopting *A Master Plan-Phase II*, the Illinois Board of Higher Education approved the following provision:

9. An experimental project be planned to test the feasibility of establishing a graduate center in the Quad-Cities area (Moline, East Moline, Rock Island, and Davenport).

- a. A study committee be appointed with representatives from the Quad-Cities Technical Advisory Council, the universities currently offering graduate instruction in the area, and other personnel agreed upon by the Illinois Board of Higher Education and the Iowa State Board of Regents.
- b. Funds from private sources (industry and/or foundations) be solicited to plan this interstate project.
- c. A consultant competent in graduate education be employed to pursue the study.
- d. The project would determine:
  - (1) The extent of local resources — library materials, classrooms, instructors, etc. — necessary to establish a graduate center.
  - (2) Effective means for augmenting these resources to produce quality graduate programs leading to master's degrees in fields of greatest demands.
  - (3) The formulation of policy involving cooperative arrangements in administering the center.
  - (4) The feasibility of continued financing and sources of funds to operate the center.

An effort to develop a plan for implementing this proposal has been carried on during the past year by an "Interinstitutional Committee on Graduate Education for the Quad Cities." The joint chairmen of the Committee have been Messrs. Arthur D. Browne of the staff of the Illinois Board of Higher Education and David A. Dancer of the Iowa Board of Regents.

At its meeting on June 10, 1968, the Interinstitutional Committee approved a statement entitled "A Design for a Graduate Study Center in the Quad-Cities" and agreed that the plan would be submitted to the several institutions for consideration and possible approval in principle. Essentially, the plan calls for the establishment of a not-for-profit corporation whose board of trustees would have members from the cooperating institutions and from the Quad-Cities Council for Graduate Education (a local group). The cooperating institutions would include four Illinois universities — Northern Illinois University, Southern Illinois University, University of Illinois, Western Illinois University; three Iowa universities — Iowa State University, University of Iowa, University of Northern Iowa; and two local colleges — Augustana College, Marycrest College. Tentatively, it is proposed that master's degree programs be offered in the fields of business administration, education, and engineering — partly through extension courses offered locally and partly through on-campus study.

The proposed corporation would serve primarily as a means whereby the "consortium" of institutions would coordinate their course offerings in these fields in the Quad-Cities and share facilities. The corporation would have no control over educational policies, and the several institutions would continue to control their own admissions and degree requirements.

The Executive Vice President and Provost and the Dean of the Graduate College have served as the University's representatives on the Interinstitutional Committee. They recommend approval in principle of participation by the University in this program — with the understanding that detailed educational and financial commitments involving the University would be submitted through proper University channels for review and approval before becoming effective. Such approval

<sup>1</sup> The Quad-Cities area includes the following cities: Moline, East Moline, Rock Island, and Davenport.

would include action by the Board of Trustees in accordance with regular University procedures.

I concur.

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

#### **PRAIRIE OBSERVATORY**

(8) The President of the University, with the concurrence of appropriate administrative officers, recommends that the eighty-two-acre Optical Telescope site located approximately thirty-five miles southeast of the Urbana-Champaign campus in Douglas County be designated "Prairie Observatory."

The Board of Trustees on February 16, 1966, approved the purchase of this land for construction of a new optical telescope and for relocation of the South Observatory. The Optical Telescope building which houses the forty-inch telescope is now basically completed and should be operational by November 1, 1968. Reconstruction of the South Observatory is scheduled to begin this month and should be completed by January 1, 1969.

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

#### **REQUEST TO ILLINOIS BUILDING AUTHORITY FOR SITE LANDSCAPE WORK FOR THE UNDERGRADUATE LIBRARY, URBANA**

(9) The President of the University, with the concurrence of appropriate administrative officers, recommends that the Board of Trustees request the Illinois Building Authority to award a contract to Charles Klehm & Son Nursery, Arlington Heights, Illinois, the low bidder, for the sum of \$19,745 for site landscape work at the Undergraduate Library, Urbana.

Funds are available in the project budget of the Undergraduate Library.

Submitted herewith is a memorandum from the Physical Plant Department, 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, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Pogue, Mr. Swain, Mr. Williamson; no, none; absent, Mr. Jones, Mr. Page, Governor Shapiro, Dr. Weatherly.

#### **PARKING STRUCTURE, URBANA**

(10) The Buildings and Grounds Committee of the Board of Trustees approved the site for a parking structure on April 17, 1968, and the Board of Trustees approved the employment of architects for this project on May 15, 1968.

The project consists of a three-unit integrated and connected "ramp-type" multi-level parking structure with an ultimate capacity of approximately 925 cars. It will be constructed on land now owned by the University (used for surface parking) plus land being acquired during the 1967-69 biennium. The structure is so designed that it can be constructed in phases in order to reduce to a minimum the number of parking spaces lost during construction and to accommodate the anticipated delayed possession of one parcel required for the site.

The Board of Higher Education reviews all requests for facilities not already approved by the Board or Legislature which are to be used primarily for purposes other than instruction. The President, with the concurrence of appropriate administrative officers, requests authority to submit appropriate materials to the State Board of Higher Education requesting approval of the proposed parking structure as a non-instructional facility.

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

#### **REQUEST TO ILLINOIS BUILDING AUTHORITY TO CONTRACT FOR CONSTRUCTION OF THE MEDICAL RESEARCH LABORATORY ADDITION, MEDICAL CENTER**

(11) On August 22, 1968, the Illinois Building Authority received bids for the construction of the Medical Research Laboratory Addition at the Medical Center campus.

Walsh Bros., Inc., Chicago, the apparent low bidder with a base bid of \$2,879,421, qualified its base bid, thereby rendering this proposal unacceptable. The lowest acceptable bid is that of the Erik A. Borg Company, Skokie, with a base bid of \$2,946,800. Other acceptable base bids received are as follows:

S. N. Nielsen Company.....	\$2 997 000 00
The George Sollitt Construction Company.....	3 195 484 00
B. W. Handler Construction Co.....	3 267 988 00

There are no irregularities in the bid proposal of the Erik A. Borg Company, which is deemed fully qualified to construct the project.

The project is part of the construction for the Medical Center campus which the Board, at its meeting on July 26, 1967, requested the Illinois Building Authority to provide. The Authority will finance the construction and will lease the facilities to the University. Funds for rental payments are available in state appropriations to the University. Jurisdiction of the land on which the project will be constructed will be transferred to the Authority.

While the total funds required to complete construction are within the amount declared in the public interest by the Seventy-fifth General Assembly, the Illinois Board of Higher Education has arranged with the Illinois Building Authority that the Authority will not use a portion of the amount declared by the General Assembly to be in the public interest until the State Board specifically approves such use. These reserved amounts consist of a "cost increase reserve" to be used for the purpose of offsetting cost increases determined by actual bid experience and a "federal fund reserve" to be used to make up the difference between estimated and realized federal funding.

In accordance with the procedure adopted by the Board of Higher Education at its meeting on October 3, 1967, and in order to complete construction as planned, it is necessary that the University request the Board of Higher Education and the Illinois Building Authority to release \$52,050 of the \$192,550 in the "cost increase reserve" for this project and \$1,460,000 from the "federal funding reserve."

Accordingly, the President of the University, with the concurrence of appropriate administrative officers, recommends:

1. The base bid submitted by Walsh Bros., Inc., Chicago, be rejected for the reasons stated above.<sup>1</sup>
2. The Board of Higher Education be requested to release \$52,050 from the "cost increase reserve" and \$1,460,000 from the "federal funding reserve."
3. The Illinois Building Authority be requested to award the construction contract for this work to the lowest acceptable base bidder, Erik A. Borg Company, Skokie, in the amount of \$2,946,800 and proceed to procure this facility for the use of the University.

The President also recommends 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 facility by the Illinois Building Authority.

The President further recommends the adoption of the resolutions submitted herewith to implement the official actions required including authorization of the instrument of transfer of jurisdiction of real estate to the Illinois Building Authority.

The plans and specifications of this project comply with the requirements of the Facilities for the Handicapped Act.

Submitted herewith is a report of the Physical Planning and Construction Office, including a schedule of the base bids received, a copy of which is being filed with the Secretary of the Board for record.

### Resolution

WHEREAS the Seventy-fifth General Assembly of the State of Illinois has declared it to be in the public interest that the Illinois Building Authority construct,

<sup>1</sup> It was reported as a matter of record that by letter dated September 9, 1968, subsequent to the opening of bids, Walsh Bros., Inc., attempted to rescind the qualification. However, this does not alter the University's view that the principles of competitive bidding should be observed, and does not constitute justification for a change in the recommendation that this bid be rejected.

on behalf of The Board of Trustees of the University of Illinois, a Medical Research Laboratory Addition at the Medical Center of the University of Illinois in Chicago, Illinois; and

WHEREAS for that purpose it will be necessary for the Illinois Building Authority to acquire jurisdiction of the real estate upon which said building will be located; and

WHEREAS The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois with its principal office in Urbana, Illinois, will be requested by the Illinois Building Authority to transfer jurisdiction of said real estate for the construction of said building.

*Now, Therefore, Be It and It Is Hereby Resolved*, by The Board of Trustees of the University of Illinois at its September 18, 1968 meeting, as follows:

That the Comptroller and the Secretary of The Board of Trustees of the University of Illinois be and they are hereby authorized to execute, acknowledge and deliver, in the name and on behalf of this corporation, an instrument of transfer of jurisdiction to the property described in the attached document entitled "Instrument of Transfer" which said form of Instrument of Transfer is, by this reference, incorporated in and made a part of this Resolution.

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

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Date

#### Instrument of Transfer

In accordance with the provisions of "An Act to create the Illinois Building Authority and to define its powers and duties," approved August 15, 1961, as amended, and Resolution No. .... IBA ....., adopted on the 26th day of September, 1968 by the Illinois Building Authority, a body corporate and politic of the State of Illinois, created under said mentioned Act, requesting the transfer of the certain described real estate and jurisdiction thereof to the Illinois Building Authority.

*Now, Therefore*, the undersigned The Board of Trustees of the University of Illinois does hereby transfer jurisdiction of the following real estate to the Illinois Building Authority, to wit:

#### Exhibit "A"

Portions of Lots 9 thru 23 in Yeaton and Taylor's Subdivision of Lots, 5, 6 and 7 in the Subdivision by Codwise and others of the West  $\frac{1}{2}$  of the Southwest  $\frac{1}{4}$  of Section 18, Township 39 North, Range 14, East of the Third Principal Meridian (except 1 chain and 37 links along the West side) (together with the vacated alley lying North of and adjacent to said Lots) in Cook County, Illinois described as follows:

That part of the North 94 feet  $5\frac{1}{2}$  inches of the South 142 feet  $10\frac{1}{2}$  inches of the above described premises lying East of a line drawn perpendicular to the South line of said premises (being also the North line of West Taylor Street) from a point 179 feet  $4\frac{3}{8}$  inches East of the Southwest corner of said Lot 23 (being also the East line of Wolcott Street) and lying West of a line 41 feet 1 inch East of and parallel to last described perpendicular line, also that part of the North 135 feet 6 inches of the South 161 feet of the forementioned described premises lying East of a line drawn perpendicular to the South line of said premises, from a point 220 feet  $5\frac{3}{8}$  inches East of the Southwest corner of said Lot 23, and lying West of a line drawn 113 feet and 6 inches East of and parallel to the last described perpendicular line.

Being the site upon which the Illinois Building Authority is to construct and complete Medical Research Laboratory Addition for the University of Illinois at the Medical Center Campus.

IN WITNESS WHEREOF, The Board of Trustees of the University of Illinois a body corporate and politic of the State of Illinois, has caused this instrument to be executed by its Comptroller pursuant to due authorization of its Board of

Trustees, and its seal to be hereunto affixed and attested by the Secretary of The Board of Trustees of the University of Illinois, all as of the ..... day of ....., 19.....

This instrument has been executed in several counterparts each of which may be considered as an original.

THE BOARD OF TRUSTEES OF THE  
UNIVERSITY OF ILLINOIS

Attest:

I hereby approve the foregoing transfer as being advantageous to the State of Illinois and in the public interest.

Secretary

(Seal)

Dated ....., 19.....

Governor, State of Illinois

Approved as to form and content:

Counsel for The Board of Trustees of  
the University of Illinois

STATE OF ILLINOIS }  
COUNTY OF ..... } SS

#### Acknowledgement

I, ....., a Notary Public in and for the County and State aforesaid, do hereby certify that ..... and ....., personally known to me to be the ..... and ..... of ..... respectively, whose names are subscribed to the foregoing instrument, personally appeared before me this day and acknowledged that they signed and delivered the said instrument of writing as ..... and ..... respectively, of said Board, pursuant to authority given by "An Act to create the Illinois Building Authority and to define its powers and duties," approved August 15, 1961, as amended (Ill. Rev. Stats. 1967, Chapter 127, Paragraphs 213.1-213.14), as their free and voluntary acts as the free and voluntary act of the ....., for the uses and purposes therein set forth.

Given under my hand and official seal, this ..... day of ....., 19.....

Notary Public

My Commission Expires .....

#### Certification

TO THE ILLINOIS BUILDING AUTHORITY:

This is to certify that an executed counterpart of the attached Instrument of Transfer was filed for record in my office on this date. Recorded in Book ..... on Page ..... Document .....

Dated this ..... day of ....., 19.....

Recorder of Deeds

County, Illinois

#### 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 Erik A. Borg Company, 7667 Gross Point Road, Skokie, Illinois, a contract for the entire work for the

construction of the Medical Research Laboratory Addition at the Medical Center for the fixed price of \$2,946,800, being the base bid.

*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. Williamson, the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Pogue, Mr. Swain, Mr. Williamson; no, none; absent, Mr. Jones, Mr. Page, Governor Shapiro, Dr. Weatherly.

**REJECTION OF BIDS FOR SITE IMPROVEMENTS AT ILLINI MEADOWS  
AND AIR CONDITIONING ILLINOIS STREET RESIDENCE HALLS,  
URBANA**

(12) The President of the University, with the concurrence of appropriate administrative officers, and pursuant to the provisions of Section 15 (e) (2) of the *General Rules Concerning University Organization and Procedure*, reports the rejection of bids for site improvements at Illini Meadows and air conditioning the Illinois Street Residence Halls, Urbana.

The bids were rejected for the following reasons:

1. The Illini Meadows project has been deferred to the 1969-71 biennium in order to proceed with more urgent site and utilities distribution projects.
2. The bids for air conditioning the Illinois Street Residence Halls exceeded the budget by approximately 70 per cent. The bid documents will be revised and reissued and will provide for the work to be performed during the summer of 1969.

This report was received for record.

**ESTATE OF MADELINE FOREMAN**

(13) Madeline Foreman, a resident of Cook County, bequeathed to the Jane Addams Graduate School of Social Work of the University of Illinois one-twentieth of the remainder of her estate. This bequest in the amount of \$11,943.59 has now been received. It is not restricted as to use. I recommend that the bequest be accepted, that the Director of the Jane Addams Graduate School of Social Work be authorized to approve expenditure of the fund, and that it be temporarily invested until the use is determined.

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

**PURCHASES**

(14) The President submitted, with his concurrence, a list of purchases recommended by the Directors of Purchases and the Vice President and Comptroller; also a purchase authorized by the President.

The list of purchases was presented in two categories: purchases from appropriated funds (i.e., from state appropriations to the University) and purchases from institutional funds. The latter term designates funds received by the University under contracts with the United States government, contracts with private corporations and other organizations, funds from foundation grants, and grants from corporations and other donors, and University revolving funds authorized by law.

The total amounts of these purchases were:

*From Appropriated Funds*

Authorized .....	\$ 11 822 00
Recommended .....	363 259 59
<i>Total</i> .....	<u>\$375 081 59</u>

*From Institutional Funds*

Recommended .....	\$377 212 60
<i>Grand Total</i> .....	<u>\$752 294 19</u>



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

On motion of Mr. Williamson, the purchase authorized by the President was approved, and the purchases recommended were authorized.

#### COMPTROLLER'S REPORT OF PURCHASES APPROVED

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

This report was received for record.

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

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

##### New Contracts

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
Federal Aviation Administration	Development of the University of Illinois-Willard Airport	\$370 425 00
Illinois Division of Highways	Illinois cooperative highway research program	341 200 00
National Aeronautics and Space Administration	Study of an orbiting gyro experiment to measure gas density and gas molecule surface interaction parameters	29 304 00
National Institute for Advanced Study in Teaching Disadvantaged Youth	Development of a manuscript on the preparation of teachers of disadvantaged youth	6 590 00
North Carolina State Commission for the Blind	Develop comparative norms on a sighted population for performance tests and techniques for occupational potential and placement of the blind	5 500 00
Secretary of State of the State of Illinois	Construction and testing of a new written driver license examination for the state of Illinois	6 500 00
	Development, implementation, and evaluation of examination materials and procedures required for licensing motorcycle operators in the state of Illinois	25 560 00
State of Illinois Board of Higher Education	Continuing education professional planners	5 990 00
State of Illinois Department of Public Health	Nurse recruiting and education program	81 189 00
	Chronic hemodialysis procedures and home dialysis for certified patients	10 400 00
United States Army DAAD 05-69-C-0002	Interdisciplinary conference on meteorological and chemical factors in D-Region Aeronomy	10 901 00
United States Department of Agriculture 12-14-140-1735-94	Development of a method for differentiation of avian pox viruses	5 000 00
United States Department of Health, Education, and Welfare:		
OEC-0-8-000083-3430	Russian language and area center	76 200 00
OEC-0-8-000101-3448	Language and area center for Latin America	46 500 00
OEC-0-8-000103-3450	NDEA language and area center for Asian studies	38 000 00
OEC-0-8-980818-4659	Postdoctoral fellowship program in educational research	21 000 00
United States Department of Housing and Urban Development H-980	Social elements and relationships between urban systems: implications for action and research programs	135 334 00
United States Department of Interior Bureau of Reclamation 14-06-D-6575	Evaluation of precipitation modification experiments	33 549 00
United States Office of Water Resources Research:		
14-01-0001-1896	Hydraulic geometry of streams	39 820 00
14-01-0001-1897	Relation of flood plain pools to the biological production of Kaskaskia River and its mainstem reservoirs	47 750 00
14-01-0001-1898	Effect of chlorination on ciliate protozoa and their role as a barrier to stream pollution	26 950 00

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
14-01-0001-1899	Advanced methodologies for water resources planning	\$ 66 800 00
14-01-0001-1900	The urban snow hazard	19 546 00
14-01-0001-1901	Water quality criteria for selected recreation uses	15 650 00
<b>Total</b>		<b>\$1 465 658 00</b>

**Change Orders**

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
Agency for International Development AID-CSD-1432	Malaria immunity and vaccination	\$1 416 500 00
The Griffin Wheel Company	The improvement of cast steel railway car wheels	32 300 00
Illinois Department of Conservation	Wildlife research studies	118 841 00
The Institute of Boiler and Radiator Manufacturers	Performance of steam and water heating systems and related equipment	38 720 00
Moorman Manufacturing Company	Nitrogen utilization in the ruminant as influenced by other dietary constituents	9 000 00
National Aeronautics and Space Administration NGL 14-005-074	Studies in auditory and vestibular end organs and brain stem nuclei	160 000 00
National Lime Association	Fundamental properties of calcium with the intent to extend the use of lime minerals into new fields	30 626 00
State of Illinois Department of Mental Health: Herman M. Adler Zone Center	Perform analyses of children's activity and motor performance	15 317 00
State of Illinois Department of Mental Health 17-121	Residency training in psychiatry	50 000 00
United States Air Force: AF 30 (602)-4144	Experimentation in parallel computation	2 200 000 00
AF-AFOSR-66-1147B	Gas laser studies in the 50 to 1000 micron range of the electromagnetic spectrum	55 000 00
AF-AFOSR-390-67	Modulation and demodulation of coherent optical radiation	45 000 00
United States Army DAAB 07-67-C-0306	Design of a directional finder system for the MF-HF-VHF ranges	30 000 00
United States Atomic Energy Commission AT (11-1)-1502	Photosynthetic processes in cells	15 000 00
United States Department of Health, Education, and Welfare: PH-43-65-1031	Vaccines for immunization against viral respiratory infection	84 517 00
OEG-0-8-003058-3058	Program development grant in the area of internship administration	22 378 00
United States Navy N00025-67-C-0004-Pool	Evaluation of the mechanics of fracture of threaded members subjected to multiple and repeated loadings	20 000 00
<b>Total</b>		<b>\$4 343 199 00</b>

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>
Barber & DeAtley, Inc.	Cost-plus contracts: Administration Building	\$ 8 000 00
	general Allerton Main House	5 000 00
	Animal Sciences	6 000 00
	Laboratory	
	David Kinley Hall	12 000 00
	Lincoln Avenue	6 687 00
	Residence Hall	
	Veterinary Medicine	6 000 00
	Woodshop and Foundry	5 000 00
Brunkow Electric Company	Cost-plus contracts: Art Studio and Art	6 500 00
	electrical Sculpture Building	
Emric Electric, Inc.	Cost-plus contracts: University High School	6 000 00
	electrical	
Fries Walters Co.	Cost-plus contracts: Physical Environment	5 000 00
	electrical Building	
	Old Illini Union Building	12 948 00

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>
Jamar-Olmen Co.	Cost-plus contracts: general Old Illini Union Building	\$ 5 553 00
Simpson Construction Co.	Cost-plus contracts: general Physical Environment Building Medical Center landscaping Neuropsychiatric Institute Neuropsychiatric Institute	16 000 00 6 153 00 5 664 00 5 578 00
<i>Total</i>		<u>\$ 118 083 00</u>

**Summary**

Amount to be paid to the University.....	\$5 808 857 00
Amount to be paid by the University.....	118 083 00

This report was received for record.

**INVESTMENT REPORT**  
**For the Month of June, 1968**

**Report of the Finance Committee**

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

*Miller**Purchases:*

1,000 shares Babcock and Wilcox common stock.....	\$45 528 04
1,000 shares Dresser Industries 2.20 Cv. preferred stock.....	44 410 00
1,000 shares Standard Oil of Indiana common stock.....	53 443 00

*Pool**Exchange:*

1,038 shares Insurance Company of North American common stock for  
2,076 shares INA Corporation common stock.

*Sales:*

\$45 000 Associates Investment demand notes.....	45 000 00
14 000 Walter E. Heller & Company demand notes.....	14 000 00
4/10 share Royal Dutch Petroleum common stock.....	18 34

**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:

*Restricted Group**Current Funds**Purchases:*

\$1 000 000 Cargill notes due 10/3/68.....	\$ 979 340 28
1 000 000 Local Loan notes due 10/3/68.....	981 250 00
300 000 Federal National Mortgage Association notes due 10/14/68.....	293 772 92
700 000 Federal National Mortgage Association notes due 12/16/68.....	678 235 83
1 000 000 First National Bank of Chicago C/D due 1/3/69.....	1 000 000 00

*Stubbins Student Loan Fund**Purchase:*

\$11 000 U.S. Treasury bills due 5/31/69.....	10 437 79
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*Assembly Hall**Construction Funds**Sale:*

\$2 000 U.S. Treasury bills due 11/30/68.....	\$ 1 940 07
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*Dentistry-Medicine-Pharmacy Auxiliary (Medical Center)**Purchase:*

\$36 000 U.S. Treasury bills due 2/29/69.....	34 656 41
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*Krannert Contributions*

Sale:	
\$43 000 U.S. Treasury bills due 12/31/68.....	41 752 95
Purchase:	
\$285 500 Cargill 5½ per cent notes due 6/30/76.....	285 500 00

*Orchard Apartments*

Sale:	
\$137 000 U.S. Treasury bills due 11/30/68.....	133 490 25

*Union (Chicago Circle)*

Sale:	
\$5 000 U.S. Treasury bills due 7/11/68.....	4 983 96

*Sinking Funds**Bonds of 1964 (Medical Center)*

Purchases:	
\$23 000 U.S. Treasury bills due 11/14/68.....	22 529 47
24 000 U.S. Treasury 4 per cent bonds due 2/15/70.....	23 430 00

*Dentistry-Medicine-Pharmacy (Medical Center)*

Purchase:	
\$40 000 U.S. Treasury bills due 9/26/69.....	39 472 62

*Housing Revenue Bonds*

Purchase:	
\$92 000 U.S. Treasury 6 per cent notes due 8/15/69.....	92 028 75

*Revenue Bonds of 1956*

Purchase:	
\$62 000 U.S. Treasury 6 per cent notes due 8/15/69.....	62 019 38

**For the Month of July, 1968****Report of the Finance Committee**

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

*Goldberg*

Purchase:	
\$25 000 CIT Financial Corporation demand notes.....	\$25 000 00

*Miller*

Purchase:	
\$1 000 Transamerica demand notes.....	1 000 00

*Pool*

Sale:	
700 shares Addressograph-Multigraph common stock.....	58 816 66
Purchase:	
\$96 000 Sears Roebuck Acceptance Corp. demand notes.....	96 000 00

**Report of the Comptroller**

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

*Current Funds**Ford Foundation—General Engineering*

Purchase:	
\$74 000 U.S. Treasury bills due 6/30/69.....	\$ 70 553 66

*Restricted Group*

Sales:	
\$1 000 000 Local Loan notes due 10/3/68.....	986 631 94
500 000 U.S. Treasury bills due 4/22/69.....	501 065 28

## Purchases:

\$1 000 000 Household Finance 6 per cent notes due 3/4/69.....	996 706 50
500 000 U.S. Treasury bills due 4/22/69.....	500 000 00
1 000 000 Local Loan 6½ per cent notes due 7/18/69.....	1 000 000 00

*Construction Funds**Florida Avenue Residence Halls*

## Purchase:

\$380 000 U.S. Treasury bills due 10/3/69.....	374 877 20
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*Orchard Apartments*

## Sale:

\$32 000 U.S. Treasury bills due 11/30/68.....	31 345 54
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*Sinking Funds**Assembly Hall*

## Purchases:

\$386 000 U.S. Treasury bills due 9/19/68.....	383 451 86
250 000 U.S. Treasury bills due 3/24/69.....	240 115 56
455 000 U.S. Treasury 6 per cent notes due 8/15/69.....	457 488 28
153 000 U.S. Treasury 4 per cent bonds due 2/15/70.....	150 465 94

*Housing Revenue Bonds*

## Purchases:

\$1 350 000 U.S. Treasury 6 per cent notes due 8/15/69.....	1 353 796 88
120 000 U.S. Treasury 4 per cent bonds due 2/15/70.....	117 300 00

This report was received for record.

**COMMUNICATIONS FROM NJALA UNIVERSITY COLLEGE**

(18) I am pleased to report for the record of the Board of Trustees several communications concerning Njala University College.

There follows a letter from the Principal of Njala University College which was received in the President's Office on July 10, 1968:

"Dear President Henry,

"It is with pleasure that I write to inform you officially that the Senate of the University of Sierra Leone last week Saturday formally approved the pass list for the degree students in their final year of studies at Njala University College.

"Please find attached the complete pass list, together with a break-down of the results. I enclose also copies of the reports of the External Examiners.

"To all of us at Njala this achievement is significant in many ways. We have demonstrated that Njala can make a worthwhile contribution to the overall development of Sierra Leone.

"Between now and the beginning of the next school year we have time to pause and reflect back over the past five years and re-examine ourselves critically with a view to determining our weak spots and planning remedial measures. We hope to maintain the standards that we have reached and improve upon them as the years go by.

"The development of Njala University College has been a joint educational effort between the University of Illinois and this College. Without your interest and support what we have just achieved would have been impossible. I send you and all your staff members who have participated in this very stimulating experiment at Njala my personal gratitude for all that has been done here. I am particularly happy that Russ Odell, Karl Gardner, Ray Karnes, and Jim Crawford are being proved right in the recommendations they made.

"We still have formidable problems which are being aggravated with happenings in the country during the past eighteen months. Notwithstanding this I have firm faith that the situation will improve gradually so that we could be able to work in an atmosphere congenial to sound academic performance."

On August 1, the following communication was received from Mr. Thomas A. McCowen, Director of the University Projects under the Agency for International Development and the University of Illinois:

"The Njala University College Council at its 20th meeting held on Saturday, July 26, passed the following resolution:

"Be it **RESOLVED** that

"This Council,

"Taking note that out of 11 final year students in Education, ten qualified for the award of a degree, and that out of 37 final year students in Agriculture, 33 qualified for the award of a degree, of whom two were placed in the first division and that out of 3 final year students in Home Economics, 2 qualified for the award of a degree;

"Conveys its gratitude to the Government of Sierra Leone and the United States for the financial and other support which they have given to the College, particularly the former with its meagre financial resources, and also to the President of the University of Illinois and all those members of the contract staff who have co-operated in the development of the College and without whose assistance it would have been difficult to achieve the present result;

"Requests the Sierra Leone Government to transmit the substance of this resolution to the U.S. Government through the usual diplomatic channels;

"Asks the Secretary to transmit this resolution to Government through the usual channels.

"I have been requested by the Njala University College Registrar to transmit the substance of the resolution to the President of the University of Illinois and members of the contract staff who have returned to the United States and other interested parties. It is my pleasure to do so."

This report was received for record.

#### GIFT OF MRS. WILLIAM E. LEVIS

(19) Mr. Farber stated that Mrs. William E. Levis, Perrysville, Ohio, had offered to give the University of Illinois Foundation the sum of one million dollars, contingent upon gifts from others of \$600,000, to help provide a faculty center at the Urbana campus. The center, to be located east of the Krannert Center for the Performing Arts, would be named the Margaret H. and William E. Levis Faculty Center. (Mr. Levis, who died in 1962, was President and Chairman of the Board of Owens-Illinois Glass Company and was an alumnus of the College of Law, Class of 1913. Mrs. Levis was graduated from the College of Liberal Arts and Sciences in 1914.)

The Trustees expressed their warm appreciation for the gift and directed the Secretary to convey their gratitude to Mrs. Levis.

#### DEGREES CONFERRED

The Secretary presented for record the following list of degrees conferred on candidates at the Urbana-Champaign campus on August 12, 1968.

##### Summary

Graduate College	
Master of Arts.....	231
Master of Science.....	325
Master of Music.....	8
Master of Education.....	78
Master of Social Work.....	5
Master of Fine Arts.....	4
Master of Laws.....	1
Master of Television.....	2
Master of Architecture.....	1
Master of Accounting Science.....	12
Master of Business Administration.....	13
Master of Commerce.....	2
Master of Comparative Law.....	1
Master of Extension Education.....	4
Master of Landscape Architecture.....	2
Master of Urban Planning.....	2
Advanced Certificate in Education.....	44
<i>Total, Graduate College.....</i>	<i>(2,835)</i>
College of Agriculture	
Bachelor of Science.....	37

College of Engineering	
Bachelor of Science.....	72
College of Liberal Arts and Sciences	
Bachelor of Arts.....	100
Bachelor of Science.....	80
<i>Total, College of Liberal Arts and Sciences.....</i>	<i>(180)</i>
College of Law	
Juris Doctor.....	5
College of Education	
Bachelor of Science.....	27
College of Commerce and Business Administration	
Bachelor of Science.....	44
College of Journalism and Communications	
Bachelor of Science.....	21
College of Fine and Applied Arts	
Bachelor of Architecture.....	8
Bachelor of Fine Arts.....	14
Bachelor of Music.....	1
Bachelor of Science.....	8
Bachelor of Urban Planning.....	1
<i>Total, College of Fine and Applied Arts.....</i>	<i>(32)</i>
College of Physical Education	
Bachelor of Science.....	22
College of Veterinary Medicine	
Bachelor of Science.....	1
<i>Total, Degrees Conferred at the Urbana-Champaign Campus.....</i>	<i>3,276</i>

#### GRADUATE COLLEGE

##### Degree of Master of Arts

###### *In Anthropology*

STEVENSON HELM SWIGERT, A.B., Harvard College, 1963

###### *In Art Education*

JOSEPH LORETTO CORSELLO, B.F.A., Illinois Wesleyan University, 1959

BETTY ATWOOD FERGUSON, B.F.A., 1946

DAISY RUTH HUBER, B.S., Northern Illinois University, 1956

DAVID ISRAEL JOHNSON, B.F.A., Drake University, 1962

DEBORAH DAVIS LIPOFSKY, B.F.A., 1963

JEAN ANN MAGNER, B.F.A., 1964

SISTER ADELAIDE ORTEGEL, B.A., St. Mary-of-the-Woods College, 1963

MARSHA ANNE WALKER, B.F.A., 1967

###### *In Art History*

ROBERT JOHN GRIGG, B.F.A., Bradley University, 1961

###### *In Classics*

JOSEPH ANTHONY KLECKA, B.A., Northwestern University, 1967

###### *In Dance*

POWELL STERLING SHEPHERD, B.F.A., University of Texas, 1964

###### *In Economics*

VUDAYAGIRI NAGABHUSHANAM BALASUBRAMANYAM, M.A., University of Mysore, 1959

RICHARD HAROLD BERGE, B.A., Augsburg College, 1960

EDWARD WILLIAM BUSH, B.S., Teachers College of Connecticut, 1960

ESHETU CHOLE, B.A., Haile Selassie I University, 1966

JEN-ING CHU, B.S., National Taiwan University, 1963

ADRIAN BLEMMER COOKSEY, B.S., University of Louisville, 1961

JAMES JOSEPH DOHERTY, A.B., A.M., Boston College, 1942, 1947

HARRY BREITIGAN EARHART, A.B., Elizabethtown College, 1950; A.M., University of Pennsylvania, 1951

- ROBERT EDGAR EMRICH, A.B., Ursinus College, 1953; A.M., University of Pennsylvania, 1955  
HERBERT JOHN FRIZOL, JR., B.S., Bradley University, 1961  
MARVIN HUFF, B.S.Ed., Pennsylvania State College (Slippery Rock), 1960  
JAMES JEREMIAH LEIK, A.B., St. Edward's University, 1960; M.B.A., University of Notre Dame, 1965  
RAYMOND CHARLES LEMIEUX, B.S., M.Ed., Massachusetts State College (Bridgewater), 1951, 1955  
WALTON LEE LINDSTRUM, B.S., State Teachers College (Wisconsin), 1957  
MONICA ANN MCCAULEY, B.A., St. Mary's College, 1957  
THOMAS ROY MCKINNON, B.A., Southern State College, 1956; M.Ed., University of Arkansas, 1959  
ELMER JOHN MOLCHAN, B.A., Saint Joseph's College (Indiana), 1954; M.S., Indiana University, 1959  
KENNETH HUGH MULLAN, B.S., M.S., Northern State Teachers College, 1955, 1961  
CHARLES BENDER NEWTON, B.S., Central Normal College, 1940; M.S., Indiana University, 1953  
GERALD LINCOLN PARKER, B.S., Illinois State University, 1961  
GEORGE HENRY PIGEON, JR., B.S.Ed., Massachusetts State College (Salem), 1962  
MARIO REGINI, B.S.Ed., Massachusetts State College (Bridgewater), 1946; M.Ed., Boston University School of Education, 1953  
ROBERT JOHN REIDY, B.S., College of the Holy Cross, 1959; M.A.T., Assumption College, 1965  
ROBERT JAMES RELLIHAN, B.A., Iowa State Teachers College, 1949; M.S.Ed., Drake University, 1956  
WAYNE ERNEST RHOADES, A.B., A.M., Nebraska State Teachers College (Kearney), 1949, 1959  
CHARLES TWYNER RHODES, B.S., Alabama State College, 1946  
FREDERICK DAVID ROBERTSON, B.S., A.M., Bowling Green State University, 1954, 1955  
MARK AARON WASSERMAN, B.A., Harpur College, 1965  
DARRELL DUANE WILKS, A.B., M.A., Western State College of Colorado, 1952, 1963

*In Education*

- DONALD ARTHUR BOSSHART, B.A., Hanover College, 1966  
HEATHER WILLIAMS HORNIK, B.A., Tufts University, 1966  
CHAVA PERLBERG, B.S., 1967  
PETER CHARLES SIMMONS, B.S., 1966  
DONNA JEAN UNDERWOOD, B.S., Illinois State University, 1961  
MARTHA FEELEY WHITEHURST, A.B., University of North Carolina (Chapel Hill), 1967  
JAMES EDWARD YSSELDYKE, B.A., Western Michigan University, 1966

*In English*

- NELSON ADRIAN BELIZARIO, B.A., St. Bonaventure University, 1964  
ROSEMARY HELEN BOEHLE, A.B., 1965  
DOUGLAS EDWIN BURGHAM, A.B., Youngstown University, 1966  
SARAH LATHROP BUTLER, B.A., College of Saint Catherine, 1966  
JOSEPH FRANCIS CECCIO, JR., A.B., Loyola College, 1967  
ROBERT DAVID DEL GRECO, B.S., Loyola University (Illinois), 1967  
BARBARA LYNNE ELLISON, B.A., Principia College, 1966  
ELLEN COHEN ELWELL, A.B., University of Michigan, 1967  
EMILY ANN WAGNER GRIER, B.S., Ball State Teachers College, 1963  
KAREN SUE KRISAC GROSZ, B.A., Coe College, 1965  
SANDRA ELEANOR HALLGREN, A.B., Illinois College, 1967  
ASHLEY JOSEPH HARRINGTON, B.A., St. Bonaventure University, 1964  
BERNARD ALAN HIRSCH, B.S., 1967  
LYNN ADELE JONES, B.A., University of Southern California, 1967  
MICHAEL JAY LABRIE, A.B., Illinois College, 1967  
JUDITH MERRILL LINDLEY, B.S., University of Tulsa, 1967  
ROBERT HUGH LOKEN, B.A., Concordia College, 1964  
DIANE KELSEY MCCOLLEY, A.B., University of California (Berkeley), 1957



ALAN MEYERS, A.B., 1967

JOHN EDMOND MONGEON, B.A., Michigan State University, 1967

SUSAN VIRGINIA MORGAN, A.B., University of Michigan, 1965

SHIRLEY ZWOYER NEAL, B.S., Eastern Illinois University, 1964

FRANCIS PAUL ROTSAERT, B.A., University of Notre Dame, 1961

MARY ANNE SCHAUB, A.B., Grove City College, 1966

WILLIAM CHARLES SCHOLER, B.A., North Central College, 1967

MARTHA ELLEN STAPP, B.A., East Texas State College, 1964

HOLLIS SPURGEON SUMMERS III, B.A., George Washington University, 1967

LOUISE WALCZAK VIDAS, A.B., 1965

SALLY FOSTER WALLACE, A.B., Mt. Holyoke College, 1960

JOHN CHARLES WENGLINSKI, B.S., Loyola University (Illinois), 1966

DAVID MORTON WIENER, B.A., University of Minnesota, 1966

#### *In French*

JEAN-MICHEL BELLOCO, Licencie en Droit, University of Paris, 1966

ALYCE ANNE EVANS, A.B., Wheaton College, 1966

KATHLEEN BROOKS JUERGENS, A.B., 1967

MARY LOUISE JUPP, A.B., 1967

JOYCE ELIZABETH SHOLL, A.B., 1963

RICHARD AUSTIN WATSON, B.A., Notre Dame University, 1964

STEPHEN CHARLES YOUNG, A.B., 1967

ANN DAINGERFIELD ZWICKY, B.A., Sweet Briar College, 1959

#### *In Geography*

GARY GRANT GULLETT, A.B., 1967

MAURICE RICHARD HACKETT, A.B., Bradley University, 1966

#### *In German*

KATHLEEN ELIZABETH MARBARGER, B.A., Northwestern University, 1966

RENATE REDLICH, B.A., Tulane University, 1966

#### *In Greek*

DONALD KENNETH GARFIELD, B.A., University of Chicago, 1967

#### *In History*

RONALD CONKLIN BROWN, B.A., Wabash College, 1967

GEORGE LEON COIL, A.B., 1966

HAROLD ANDREW ENGLE, B.A., Ohio State University, 1966

JAMES LOUIS FASSERO, B.S., Eastern Illinois University, 1959

AMY ZAHL GOTTLIEB, A.B., 1967

JAMES LEE HARRIS, B.A., University of California (Los Angeles), 1967

EDWARD CARL HOPKINS, B.A., Miami University, 1967

KERRY MARK JOËLS, B.S., Principia College, 1967

MARIANNA JOHNSON, B.A., Northwestern University, 1967

MARY JEANNE KOWALSKI, B.A., Loyola University (Illinois), 1966

MAUREEN MACLEAN MCCORD, B.A., Chestnut Hill College, 1958; LL.B., St. John's University School of Law, 1961

HOWARD SHELDON NOCHUMSON, A.B., 1967

CAROLYN FAYE STILTS, B.A., Kentucky Southern College, 1967

IAN BRUCE TURNER, B.A., Otterbein College, 1967

ALBERT JACOB ZVIRBULIS, A.B., 1967

#### *In Labor and Industrial Relations*

FREDERICK CHUNG-HSI CHOW, B.A., National Taiwan University, 1964

RANDY LYNN FEDER, B.A., Knox College, 1967

STUART JULES GOLDSTEIN, B.A., City College of New York, 1967

JERRY ALLEN MEADOWS, B.S., 1966

DAVID EDWIN SHULENBURGER, A.B., Lenoir Rhyne College, 1967

STEVEN IRA WEINSTEIN, B.A., Jersey City State College, 1967

#### *In Linguistics*

CHARLES OLBURNE HAM, JR., B.A., Queens College, 1956; B.A., University of Maryland, 1963

KATSUTOSHI ITO, B.A., Aoyama Gakuin University, 1957

*In Mathematics*

JURATE BIGELIS, B.A., Northwestern University, 1967  
FRED EDWARD CASEY, A.B., Earlham College, 1967  
CHARLES ROBERT HADLOCK, B.S., Providence College, 1967  
SHERYL LEE MEADER, B.A., Northwestern University, 1967  
MARY BETH PAYNE, B.S., 1967  
WILLIAM LEON PERRY, B.A., Park College, 1967  
VICTOR CHARLES PESTIEN, JR., B.S., 1967  
ROXANE MURIEL SIMMONS, B.A., Fisk University, 1967  
JANET HURST SPOONAMORE, B.S., 1967  
DANIEL JOSEPH STYNES, B.A., State University of New York (Buffalo), 1967  
REINO VICTOR WARREN, B.S., 1966  
SERENA SAVAGE YARDLEY, A.B., University of California, 1967

*In Political Science*

JERRY LEE BONHAM, B.A., Southwest Missouri State College, 1962  
ELLEN PATRICIA FLERLAGE, A.B., 1967  
DANIEL BRUCE ITKIN, A.B., Ohio University, 1967  
RONALD CHARLES LADA, A.B., Central Michigan University, 1964  
THOMAS JAMES PAVLAK, A.B., 1965  
ALAN HARVEY PEARSON, A.B., Knox College, 1965  
KATHLEEN MCGUIRE PROPP, B.A., University of Colorado, 1964  
HALYNA MARIA SYNENKYJ, B.S., Loyola University (Illinois), 1966  
HERBERT WOHLFAHRT, B.A., University of North Carolina, 1967

*In Psychology*

HAROLD WILLIAM BARTLETT, B.S., 1966  
HALLECK BUIND BRENDEN, B.S., Montana State University, 1963  
JAMES FRANK CALHOUN, A.B., University of Florida, 1963; B.D., Southern Methodist University, 1966  
JAMES PATRICK CURRAN, JR., B.S., College of the Holy Cross, 1966  
HANS PETER DACHLER, B.S., Richmond Professional Institute, 1963  
DANIEL RICHARD ILGEN, B.S., Iowa State University of Science and Technology, 1965  
JOAN SERBER MAY, B.S., Cornell University, 1964  
DALE SODERMAN MONTANELLI, B.A., Michigan State University, 1965  
BERTRAND STUART MOORE, B.A., Southern Methodist University, 1966  
PAUL DAVID OLBERZ, B.A., Bellarmine College, 1967  
RICHARD DAVID WILLIS, A.B., Hamilton College, 1964  
ANDREW SPENCER WINSTON, B.A., Northwestern University, 1967

*In Social Sciences*

MARJORIE IRENE DIXON, A.B., Earlham College, 1956  
KAREN ANN HICKMAN, B.A., Northwestern University, 1966  
JEROME ANTHONY MCCALL, A.B., 1966  
LINDA SUE KATZ SMITH, A.B., 1967

*In Sociology*

CLIFFORD VICTOR COLMAN, B.A., Goddard College, 1965  
RICHARD JACK LUNDMAN, B.A., Beloit College, 1966  
EDWIN GEORGE MACHARIA, B.A., Roosevelt University, 1965  
RUTH STEVENSON VOORHEES, B.A., University of Florida, 1959

*In Spanish*

ENOCH MELVIN ANDERSON, B.S., Illinois State University, 1957  
JARI TAYLOR ENGELMANN, A.B., 1967  
ALAN DALE GRAYSON, A.B., 1967  
MARY LOUISE CHAMBERLAIN HEALD, B.A., Denison University, 1965  
WARD HAMILTON HURST, JR., B.A., Florida State University, 1966  
JOYCE ANN GAINES LAWSON, B.S., Eastern Illinois University, 1964  
KATHRYN JANE LEWIS, A.B., Indiana University, 1967  
STANLEY EDWARD PEROMSIK, B.A., University of Missouri, 1967  
JOANNE RAY RAMSTAD, B.A., Colorado College, 1967

SISTER MARY RACHEL BETKIS, A.B., Xavier College, 1961  
 FELICIA GAIL SWORSKY, B.A., Rosary College, 1967  
 SALLY ANNE TUCKER, B.A., Elmhurst College, 1967  
 JOHN WILLIAM VAN KERK, A.B., Illinois College, 1965

*In Speech*

THOMAS ERNEST BORTON III, A.B., 1966  
 EFTHIMIA THEODORE BOZINOU, B.S., Illinois State University, 1967  
 TONI ANN BUNKER, B.A., Macalester College, 1967  
 JAMES REINHART CLARK, B.A., DePaul University, 1966  
 MYRNA PADAWER CRONEN, B.A., Tulane University, 1966  
 LESLIE KAREN DARNER, B.S., 1967  
 EMILY HUXSOLL DIXON, B.S., Purdue University, 1962  
 RICHARD LESLIE FLEISHER, B.A., State University of New York (Buffalo), 1965  
 LOREEN RUBEY GERK, B.A., University of Washington, 1966  
 MARSHA ESTHER GERSON, B.S., 1965  
 J. RAMSEY GIBSON, B.A., Wisconsin State University (Eau Claire), 1965  
 REBECCA SUE GILLARD, B.S., 1968  
 BARBARA WALTERS KASTNING, B.S., 1966  
 JAMES DAVID LAATCH, B.S., Wisconsin State University (River Falls), 1967  
 JUDITH NEDA LANDFIELD, B.S., 1967  
 JULIEN LEE LIND, B.A., University of Minnesota, 1967  
 VALERIE MAMCHES, A.B., University of Miami, 1965  
 RICHARD MICHAEL MCKINZIE, A.B., 1967  
 JAMES SCOTT MEASELL, B.A., Muskingum College, 1964  
 JANE MARIE NEMEC, B.S., Marquette University, 1966  
 JEFFREY HILL PHILLIPS, B.A., State University of New York (Cortland), 1967  
 MIRIAM FERN ROTHSCHILD, A.B., Indiana University, 1967  
 HALFORD ROSS RYAN, B.A., Wabash College, 1966  
 WILLIAM GEORGE SCHICKERT, B.A., University of Wisconsin, 1967  
 ARNOLD LADD SMITH, A.B., Hunter College, 1967  
 TERRENCE RAYE SMITH, B.S., Mankato State College, 1967  
 CHARLES SAMUEL SYERS, D.D.S., University of Michigan, 1965  
 KAREN SUE TOTTY, B.S., Southeast Missouri State College, 1967  
 MARGARET ANN WIESE, B.A., University of Arkansas, 1967  
 CHARLES ARTHUR WILLARD, B.A., Kansas State Teachers College, 1967  
 MARIANNE RUTH ZERN, B.A., College of St. Francis, 1966

*In the Teaching of English*

GLORIA JEAN BAUMANN, B.A., Aurora College, 1967  
 JUDITH KENNEDY BENNETT, A.B., University of Arizona, 1961  
 WILLIAM GEORGE FOOTE, A.B., Olivet Nazarene College, 1949  
 ROSE ANN KLEIDON, B.A., Illinois Wesleyan University, 1967  
 JUDY GAIL LAUGHLIN, B.A., Baylor University, 1964  
 FERN AMBROSE MACK, A.B., Greenville College, 1932  
 THOMAS ANDREW MATTHES, A.B., St. Edward's University, 1962  
 DONNA CORDES RUSSELL, A.B., 1967  
 JAMES ROGER TREAT, A.B., 1964

*In the Teaching of English as a Second Language*

ROSALINE ADAIHUOMA IKE, B.A., Haile Selassie I University, 1967  
 AUREA ISABEL FILOMENA PEREIRA, B.A., Saint Mary's College, 1967  
 MYUNG-HO SYM, B.A., Seoul National University, 1958; Dipl., Reading University, 1964; M.A., Seoul National University, 1965

*In the Teaching of French*

CANDACE JEAN ARTHUR, B.S.Ed., Western Illinois University, 1967  
 CELIA ROGERS DAVIS, B.S., 1966  
 EMILY KAREN GOODRICH, B.A., North Central College, 1967  
 YVONNE BELMANS KOSTER, A.B., 1963  
 WENDY COOK POSAVAC, B.A., Muskingum College, 1961  
 CHARLES WALTER RUPERT, A.B., Millikin University, 1957

*In the Teaching of Social Studies*

JOYCE ANN BIRON, A.B., 1967

MYRNA SUE LANE BOSSLER, B.S., Illinois State University, 1963

KAREN DIANNE BOYER, B.S., Murray State College, 1966

DANIEL LEON FURRH, A.B., 1967

CLARE SHAPLAND HAUSSELMANN, A.B., Manhattanville College of the Sacred Heart, 1967

LA VINIA CAWLEY KENDLE, B.S., Eastern Illinois University, 1963

THOMAS ANDREW KIEPURA, A.B., 1967

KAREN LEE KRAUS, B.A., Northwestern University, 1967

RANDALL BLAINE LINDSEY, B.S., Western Illinois University, 1965

MARCIA WILSON RUMBAUGH, A.B., Wheaton College, 1965

MARY CHARLA YEDINAK, A.B., 1967

*In the Teaching of Speech*

BUNNEY JO AMDOR, B.S., Illinois State University, 1967

CARMEL JOSEPHINE NILAND, B.A., University of New South Wales, 1965

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

CHARLES SHELDON GREENE, JR., A.B., Illinois College, 1962

IAIN LATTI McLELLAN, B.Sc., University of Edinburgh, 1966

*In Aeronautical and Astronautical Engineering*

RICHARD IRWIN KROLL, B.S., 1967

DWIGHT NELSON WICKERSHEIM, B.S., 1965

RUDOLPH NICHOLAS YURKOVICH, B.S., 1967

*In Agricultural Economics*

MARK STUART KERN, B.S., Southern Illinois University, 1966

MICHAEL CHETWYND THOMPSON, B.A., M.A., University of Cambridge, 1956, 1960

JOHN HOUNSLEY TOCKS, B.S., 1966

*In Agricultural Education*

CARL FREDERICK AWE, B.S., 1967

MELVIN KEITH BELL, B.S., Illinois State University, 1967

DAVID LAWRENCE MANNING, B.S., Illinois State University, 1966

*In Agronomy*

ANDREW NII ARYEETEEY, B.S., University of London, 1959

DAVID SMITH BROWN, B.S.A., Purdue University, 1966

SUSAN HU, B.S., National Taiwan University, 1965

*In Animal Science*

NEIL KEITH ALLEN, B.S., 1967

BRIAN EDWARD BREMER, B.S., Southern Illinois University, 1966

*In Biology*

ANNE LOUISE KLEIN, B.A., St. Mary-of-the-Woods College, 1966

*In Biophysics*

CLAIRE BALDWIN, A.B., Northeastern University, 1966

*In Botany*

SARA HELEN KALTENBORN, B.A., University of Tennessee, 1966

PRASANNA KUMAR MOHANTY, M.Sc., Utkal University, 1958

KATHERINE BROWN SEAGO, B.A., Miami University, 1966

*In Ceramic Engineering*

PETER CHARLES BALSON, Dipl.-Tech., North Staffordshire College of Technology, 1960

BRUCE EDWARD DUNWORTH, B.S., 1964

*In Chemical Engineering*

STEVEN HOWARD BERNHARDT, B.Eng., Cooper Union, 1966  
DAVID LARUE BONDURANT, B.S., University of Oklahoma, 1966  
EDWARD DANIEL BURGER, B.S., Clarkson College of Technology, 1966

*In Chemistry*

STAVROS HADJISTAVROS, Dipl., Aristotelion University of Thessaloniki, 1953  
KEITH RONALD KIMBALL, B.A., Carleton College, 1966  
ELVIN RUSSELL LUKENBACH, B.S., University of Nebraska, 1963

*In Civil Engineering*

PATRICIO ARELLANO-ABARCA, Ing.Civ., Universidad Nacional de Colombia, 1967  
LARRY GLEN BAIRD, B.S., Panhandle Agricultural and Mechanical College, 1964  
EUGENE SAMUEL CETWINSKI, B.S., 1967  
SAMUEL ISAAC DIAZ, B.S.M.E., B.S.C.E., University of Puerto Rico, 1965, 1966  
JOHN PAUL ELBERTI, A.B., Lafayette College, 1955  
ALVA AARON HALL, B.S., 1968  
ROBERT TAYLOR HARPER, JR., B.S., Mississippi State University, 1963  
JOSEPH THOMAS HOEPP, B.S., Drexel Institute of Technology, 1967  
RICHARD YOSHIO IHA, JR., B.S.C.E., University of Hawaii, 1967  
SEIICHI INABA, B.Eng., University of Tokyo, 1960  
ROBERT GEORGE JOHNSTON, B.E., University of Saskatchewan, 1964  
WILLIAM NICOL LANE, B.S., 1965  
MICHAEL KERWIN LINCK, JR., B.S., George Washington University, 1963  
CARLOS GARCIA LOPEZ, Ing.Civil, La Universidad Nacional Autonoma de Mexico, 1965  
JEFFREY HOWARD MARKEY, B.S., United States Air Force Academy, 1967  
JERRY ALLEN MAUPIN, B.A., Oklahoma City University, 1962  
ANDREW MERA, S.B., Massachusetts Institute of Technology, 1967  
YEDAVALLI VENKATA RAMANA MURTY, B.E., Andhra University, 1962  
GIORGIO SORANI, Laurea, University of Rome, 1964; A.M., 1967  
WILLIAM JOSEPH STILES, B.S.Ed., Northeast Missouri State Teachers College, 1963  
THOMAS HENRY STREMLAU, B.S., 1967  
LOVICK PIERCE SUDDATH III, B.S., The Citadel, 1957  
JAMES HIRAM TUCKER, JR., B.S., Mississippi State University, 1962  
K. GEORGE VARGHESE, B.S., University of Kerala, 1961  
THAMBALLAPALLE NALLAPAREDDY VASANTHAKUMAR, B.E., Sri Venkateswara University, 1958; M.E., University of Roorkee, 1962  
EUGENE IRVIN VOGT, B.A., Southern Illinois University, 1966

*In Commercial Teaching*

JOHN ROBERT GRIFFIN, B.S., Eastern Illinois University, 1964

*In Computer Science*

GLENN WILLARD FAGERLIN, JR., B.S., 1966  
MICHAEL NOEL PAYNE, B.S., M.S., 1964, 1965  
JOHN RYE SIDLO, B.S., Ohio State University, 1967

*In Dairy Science*

LINDA SHUN-WAN CHANG, B.S., Taiwan Normal University, 1966  
EMMERT CORBIN CLEVENSTINE, A.B., 1967  
GEORGE NORMAN JORGENSEN, B.Sc., University of Nebraska, 1957

*In Economics*

JACKIE LEE ARBUCKLE, B.A., University of Washington, 1962  
VERNON LEE COOPER, B.S., Northeast Missouri State Teachers College, 1961  
JOHN BROOKS DORSEY, B.S., 1958  
CHARLES LOWELL HARNER, B.S., Southern University, 1960; M.A., Murray State College, 1964  
WILLIAM HERMAN HOBSON, B.S., University of Minnesota, 1959  
RICHARD JACK INCH, A.B., M.Ed., Wayne University, 1953, 1958  
JERRY JOE KNARR, B.A., La Verne College, 1957  
MILO FRANCIS MCCABE, B.S., Marquette University, 1956

JOHN PATTERSON MYERS, B.S., 1964

GEORGE HENRY STAPLES, B.A., Catholic University, 1961

ANTHONY F. SUGLIA, B.S.Ed., Kutztown State Teachers College, 1949; M.A., New Jersey State Teachers College (Montclair), 1963

*In Education*

MICHAEL ANDREW FRONTIER, B.S., Loyola University (Illinois), 1966

*In Electrical Engineering*

THOMAS JOSEPH APRILLE, JR., B.S., Northeastern University, 1967

RICHARD THOMPSON BOROVEC, B.S., 1967

CARLOS ERMOLI VIALE, B.S., 1966

JAMES HAROLD FRITZ, B.S., 1967

PAUL ROBERT GULBIS, B.S., 1966

ROBERT JAMES IVERSEN, B.S., 1967

JAMES ELVIN KEIM, B.S., Iowa State University, 1967

DONALD JOHN LENKSZUS, B.S., 1967

JAMES LEE LONG, B.S.E.E., Kansas State University, 1967

STEVEN JOSEPH MARTINICH, B.S., 1967

MICHAEL ALLEN PHILLIPS, B.S.E.E., University of Maryland, 1967

DONALD JOHN PINKOS, B.S., Clarkson College of Technology, 1966

GEORGE CHARLES SCHUMACHER, B.S., 1967

RALPH WILLIAM SHRADER, B.S., University of Pennsylvania, 1966

CHARLES ROGERS WELLS III, B.S., United States Air Force Academy, 1967

FELIX HARVEY WHEELER, B.S., United States Naval Academy, 1944

MAURICE YACOB YOUNAKIM, B.S., 1967

CHARLES JAMES YOUNG, B.S., 1967

*In Finance*

PATRICK RAYMOND DEVINE, B.S., 1965

STUART ALLAN GALLAHER, B.B.A., Ohio University, 1966

CONCEPCION MARIA SALAS, B.S., 1967

JAMES PAUL STAES, B.S., 1960

*In Food Science*

WALTER CARL YACKEL, JR., B.S., 1965

*In Forestry*

GEORGE NELSON BROOKS, B.S., 1964

GEORGE ERNEST RALPH, B.S., 1967

*In Geology*

PATRICK TERRENCE PETER McCULLOUGH, B.Sc., University of British Columbia, 1964

RUTH STARON VAIL, B.S., 1965

*In Health Education*

WESLEY F. ALLES, B.S., Westchester State College, 1967

ORAL BEHUNIN, B.S., Brigham Young University, 1967

PATRICIA ANNE TYMCHYSHYN, B.S., Hamline University, 1957

*In Home Economics*

JUANITA ELAM BRIGGS, B.S.Ed., Southeast Missouri State College, 1958

GEORGE GIACOMO CARLISTO, B.S.Ed., State University of New York (Oneonta), 1963

JERYL KEITH GODSHALL, B.A., University of Denver, 1962

RITA MEYER, B.S., Indiana University, 1967

ARDIS MAUREEN REWERTS, B.S., 1963

JACQUELINE KAY VAN RIPER, A.B., Kansas Wesleyan University, 1966

PAMELA FOSTER WESTBROCK, B.S., South Dakota State University, 1966

*In Horticulture*

TERRENCE EVAM POCKLINGTON, B.S., 1967

*In Industrial Engineering*

KENNETH LEONARD DUDZIK, B.S., 1966

*In Journalism*

JEAN DUNLAP AYLSWORTH, B.A., Ohio State University, 1965  
 KYRAN PATRICIA CAREY, A.B., Dumbarton College of Holy Cross, 1965  
 RUTH DANN FULLER, B.S., B.S., 1944, 1959  
 WILLIAM JOSEPH GARNER, B.A., Stetson University, 1966  
 MAHMOOD JAFROODI, Lic., National University of Iran, 1966

*In Library Science*

LUCILLE HOLMES BECKWITH, B.A., Illinois Wesleyan University, 1962  
 BRENDA CARLOTTA BOOKER, B.S., Knoxville College, 1964  
 DOCK ALEXANDER BOYD, JR., A.B., 1967  
 JUDITH DU-YI CHIEN, B.A., Texas Women's University, 1966  
 CATHERINE ANN CONDER, B.S., Eastern Illinois University, 1962  
 LUCY BECKER CONROY, A.B., 1965  
 MARY COON COPAS, B.S., Montana State College, 1964  
 MARY FRANCES CURVEY, B.S.Ed., Central Missouri State College, 1966  
 ANN KEMPF DAHM, B.S., 1964  
 LULU LOUISE FORT DICKEY, B.Ed., Illinois State University, 1941; A.M., 1946  
 CLARENCE JUNIOR FRAMSTAD, B.A., Augsburg College, 1951  
 MIRIAM MORRIS FULLER, B.S., Virginia State College, 1954  
 PAULA GERTRUDE GENSLE, B.A., Michigan State University, 1967  
 MARGARET LABARRE GRONINGER, B.F.A., 1961  
 MARY COOK GUY, B.A., Chatham College, 1963  
 SUZANNE MARIE HARTFORD, B.S., Southern Illinois University, 1963  
 NANCY ELAINE HARVEY, B.A., Rockford College, 1960  
 GAYLE ANDERSON HELGOE, B.A., Western Washington State College, 1965  
 CHRISTINE M. HENDERSON, B.A., Southern Illinois University, 1963  
 MORELLE HERMAN HERZINGER, A.B., Nebraska Wesleyan University, 1959; A.M.,  
 University of Nebraska, 1962  
 EUGENIA WELLES HUGILL, B.S., Murray State College, 1964  
 JANICE LOUISE JOHNSON, B.A., William Marsh Rice University, 1963  
 GRACE LOUISE KARL, B.Ed., Illinois State University, 1938; A.M., State University  
 of Iowa, 1948  
 NANCY LEA KINTON, B.A., Northern Illinois University, 1967  
 JULIE ANN KUENZEL, B.S., Michigan State University, 1967  
 SEONAI WALTERS LAMB, B.A., University of Bristol, 1962; Dipl., University of  
 Oxford, 1964; M.S., 1966  
 ELEANOR KAY LINDGREN, A.B., Bradley University, 1963  
 LINDA LEE LORENZ, A.B., 1965  
 RUTH STROUD MACHULA, A.B., 1967  
 DANA FRANK MADISON, A.B., 1967  
 EVELYN MARIE MANIOTIS, A.B., 1939  
 JOAN MILDRED MICHALCIK, A.B., 1967  
 BARABARA MARIE MOLITORIS, B.S., Illinois State University, 1954  
 ALAYNE JOAN MOORE, B.S., Eastern Illinois University, 1965  
 ROBERT LONG MOWERY, B.S.M.E., Purdue University, 1956; B.D., Garrett Theolog-  
 ical Seminary, 1960; M.A., Northwestern University, 1961  
 ALLEN WALTER MUELLER, B.A., Valparaiso University, 1967  
 LESLIE ANN NEILL, B.A., College of Saint Teresa, 1967  
 AYSE OLGUN, B.A., Ankara University, 1966  
 MARGARET ANN PUTNAM, B.A., North Texas State University, 1964  
 PALADUGU VENKATESWARA RAO, B.A., Andhra University, 1962; Dipl., Osmania  
 University, 1964; M.S., Southern Illinois University, 1968  
 JANET HENRIETTA RICHARDS, A.B., Youngstown University, 1967  
 TEDINE LAMBERSON ROOS, A.B., University of Nebraska, 1956  
 MARILYN MAYER SERAGE, A.B., 1964  
 MARY MARGARET SHERWIN, B.F.A., 1960  
 SUSAN ANNE STROW, A.B., Wheaton College, 1967  
 GWEN OLSEN SZILAGYI, B.S., Illinois State University, 1964  
 LINDA BLYTHE VANCE, B.A., University of Michigan, 1967  
 CAROLYN RUTH WAITE, B.A., Oregon State University, 1967  
 VALERIE JANE WILFORD, B.S., Illinois State University, 1961  
 SUZANNE ELLEN ZINGRAF, B.S., Wisconsin State College and Institute of Technol-  
 ogy (Platteville), 1967

*In Management*

DANIEL LEE REYNOLDS, B.S., Millikin University, 1967  
CHARLES RUSSELL STICKELS, B.S., 1967  
JOHN YOUNG WAGNER, B.S., Ohio State University, 1962

*In Marketing*

PETER ALAN WARD, B.A., Principia College, 1966

*In Mathematics*

DAVID ALAN BIRNBAUM, A.B., University of Rochester, 1967  
MARY ELLEN BOCK, A.B., B.S., 1967, 1967  
ROBERT PAUL CARLSON, B.S., 1967  
HERMAN LOUIS DEL DOTTO, B.S., 1967  
JANICE HUNTER EISEMAN, B.S., 1967  
JOHN ROBERT HUNT, B.S., 1967  
RADEN BANA GOERBANA KARTASASMITA, B.S., University of Wichita, 1962  
JEFFREY PHILIP KING, B.A., Brown University, 1963  
LEONARD ANDREW LARSEN, B.S., University of Wisconsin, 1962  
ROBERT WILLSON LAVELLE, B.S., Iona College, 1967  
GEORGE DAVID LEADABRAND, B.S., Wheaton College, 1964  
KIN MAN LI, B.S., 1967  
WALLACE JOHN MACK, B.S., Purdue University, 1967  
ARTHUR LEE PEARSON, B.S., University of Washington, 1967  
STEPHEN ROGER REDFIELD, B.S., Washington State University, 1964  
CHARLES ALBERT CHRISTOPHER RUMORE, B.S., 1966  
MARGARET EYA SCHMID, B.S., Wisconsin State University (Oshkosh), 1965  
PETER ALBERT SHELUS, B.S., Illinois Institute of Technology, 1967  
DAVID STANLEY TURKOWSKI, B.S., 1967  
VICTOR LEON VOYDOCK, S.B., Massachusetts Institute of Technology, 1967  
ANTHONY STEPHEN WOJCIK, A.B., 1967  
KAI-TAK WONG, B.S., Utah State University, 1968

*In Mechanical Engineering*

JOHN CHARLES HAAS, B.S., A.B., 1967, 1967  
NELSON HARVEY NOELI, B.S.M.E., University of Missouri (Rolla), 1961  
RAYMOND GEORGE PREVOST, B.S., University of Washington, 1955; B.A., Central Washington State College, 1956  
GEORGE WILLIAM SCHWARZ, JR., B.S., 1967

*In Metallurgical Engineering*

BIDYUT KUMAR GANGULY, B.E., University of Calcutta, 1966  
AMIT KUMAR GHOSH, B.S., University of Calcutta, 1966  
RAYMOND GRANT ROWE, B.S., Washington State University, 1965

*In Microbiology*

DONA MEI CHIKARAISHI, B.S., 1967  
RAYMOND SEK-YAN POON, B.S., 1966

*In Mining Engineering*

RANDALL EUGENE RANKEN, B.S., 1967

*In Music Education*

LYNNE ELIZABETH ALLEN, B.Mus.Ed., University of Colorado, 1967  
LEONARD ARTHUR ALTIERI, B.Mus.Ed., Illinois Wesleyan University, 1964  
PATRICIA FAYE ALWARD, B.S.Ed., Illinois State University, 1964  
GARY LEE ANDERSON, B.Mus.Ed., Millikin University, 1965  
ROBERT OGLE BELISLE, B.M., MacMurray College, 1965  
CHARLENE MARIE BERCHELT, B.S., Eastern Illinois University, 1964  
CAROLYN CHAPMAN CECI, B.S., 1964  
MARCIA LAI SHEONG CHANG, Ed.B., University of Hawaii, 1967  
NATALIE JOSEPHINE CIGNETTI, B.S., Illinois State University, 1958  
CAROL CASSELMAN DAHLSTROM, B.Mus.Ed., Wheaton College, 1960  
JACQUELINE APRIL ENGEL, B.S., 1967



MICHAEL FLAGG FARRELL, B.M.Ed., University of Southern Mississippi, 1964  
JAMES HARVEY FELTS, B.S., 1963  
NANCY FISCHER GRAY, B.Mus.Ed., Murray State College, 1963  
FRANCES MELANIE HENDERSON, B.Mus.Ed., Murray State College, 1963  
HARVEY ALBERT HERMANN, Jr., B.S., 1963  
DANIEL GARY HOOKE, B.Mus.Ed., Madison College, 1963  
SARAH FITZWATER HOOKE, B.M.E., Madison College, 1964  
DALE FRANCIS HOPPER, B.S., 1964  
NANCY JOYCE KEECH, B.A., Kalamazoo College, 1967  
JEREMY NILES KEMPTON, B.M., University of Rochester, 1966  
JOEL PAUL KLEIN, B.S., 1963  
SUSAN TRAVIS KUEHN, B.M., North Texas State University, 1964  
JERRY LEE LOYET, B.S., 1965  
ELLEN MARIE MARTIN, B.S., 1964  
JAMES RUSSELL MILLER, B.S., 1967  
PATRICIA SMITH NEWMAN, B.S., Winthrop College, 1965  
JOHN WESLEY NORTON, Mus.B., Oberlin College, 1966  
LORETTA JANE PAANANEN, B.Sc.Ed., Ohio State University, 1965  
ARNOLD RAY REBUCK, B.S., Illinois State University, 1958  
PAUL ALLEN ROWLAND, B.S., Northeast Missouri State Teachers College, 1963  
THOMAS DEWITT RYAN, B.M.E., Cornell College, 1964  
JOSIAH JOSEPH SAMPSON, Jr., B.M.E., Jackson State College, 1960  
MAUREEN L. SHERIDAN, B.M., Ithaca College, 1967  
MARY ELLEN SIMMONS, B.S., 1968  
CHARMIAN LYNN SIMONS, B.A., Marshall University, 1967  
SISTER EVELYN THERESE HICKEY, B.S., St. Mary-of-the-Woods College, 1962  
SISTER ROSARIA SALERNO, A.B., Marycrest College, 1962  
MARCIA ELIZABETH SWENGEL, B.S., 1966  
ROBERT STANLEY THOMMES, B.S., Northern Illinois University, 1965  
CHARLOTTE MILLBROOK TRAUTWEIN, B.S., 1954  
JIMMY SUE CANTRELL TROMBLEE, B.S., 1967  
JOYCE PRINTZ WEAVER, B.S., 1966  
JULIAN EARL WHITE, B.S., Florida Agricultural and Mechanical University, 1962  
ROBERT DAVID WILLIAMS, B.M.Ed., Millikin University, 1964  
JAMES DAVIS WINTERS, Jr., B.M.E., Jackson State College, 1964  
CHRIS YODER, B.A., Goshen College, 1963

*In Nuclear Engineering*

LLOYD LOUIS BONZON, B.S., 1967  
JAMES TERRENCE GANLEY, B.S., 1967  
GLENN CARL JOHNSON, B.S., 1967  
RICHARD JOHN MEISINGER, Jr., B.S., Cornell University, 1967  
WILLIAM LELAND NORRIS, B.S., United States Naval Academy, 1967  
FRANK XAVIER RELLER III, B.S., United States Military Academy, 1965  
MAHMOOD AHMAD SHAD, B.Eng., Panjab University, 1963  
RICHARD BOYNTON WHITNEY, B.A., Kent State University, 1967

*In Physical Education*

KAREN LOUISE FRY, B.S., 1965  
RONALD EDWARD GUENTHER, B.S., 1967  
WILBUR ALAN GWIASDA, B.S., 1967  
JAMES CHARLES JERKATIS, B.S., 1961  
RAYMOND TERRANCE KASPER, B.S., 1967  
JAMES WILSON MACINTYRE, B.S., 1967  
KAYE LADD PASH, B.S., Northeast Missouri State Teachers College, 1958

*In Physics*

CECIL BRENT BARGERON, B.S., Brigham Young University, 1967  
SWEE PING CHIA, B.Sc., University of Malaya, 1967  
WILLIAM ALBERT ENICHEN, B.S., 1967  
RICHARD SPENCER HOCKETT, B.S., Ohio State University, 1967  
ALBERT WILLIAM HORST, B.S., Michigan State University, 1967  
JARED LOGAN JOHNSON, B.S., 1967  
WILLIAM WRAY MACY, Jr., B.A., Pomona College, 1967

TAK HUNG NING, B.A., Reed College, 1967  
GEORGE MARTIN PETTY, B.S., 1967  
STEPHEN FULLERTON POND, A.B., Dartmouth College, 1967  
JAMES OLE SEVERSON, B.S., Stanford University, 1967  
PETER GORDON SUTHERLAND, B.Sc., McGill University, 1967  
RONALD LEE YERKE, B.S., Youngstown University, 1961; M.S., University of Arizona, 1963

*In Physiology*

RONALD EUGENE JACKSON, B.S., Arkansas State College, 1966  
MALIHA AL-ATRAQCHTY RAMADAN, Lic., University of Baghdad, 1954; M.S., George Washington University, 1966

*In Radio and Television*

STUART PHILIP JOHNSON, A.B., Wheaton College, 1967  
BENNETT LLOYD RUDOLPH, B.S.B.A., Roosevelt University, 1967

*In Recreation*

CAROL MARIE ARSLANER, B.S., Northern Illinois University, 1965  
JOHN LESLIE CROMPTON, Dipl., Loughborough College of Education, 1966  
JAMES ROBERT GILLESPIE, B.S., 1967  
MICHEL POULIN, B.Ed., M.Ed., Ottawa University, 1965, 1966  
JOAN KAY RASMUSSEN, B.S., Butler University, 1965  
ELIZABETH BELL STRADLEY, B.S.Ed., State University of New York (Geneseo), 1965

*In Sanitary Engineering*

ALEXANDER DAVIDSON BEATTIE, B.S., University of California, 1965  
SAJAL KUMAR CHAKRABARTI, B.E., University of Calcutta, 1962  
PAUL DOUGLAS KOCH, B.S., 1966  
ROBERT JOACHIM WERNECKE, B.S., University of Vermont, 1965

*In Speech Correction*

MARILYN ROSE COYNER, A.B., Augustana College (Illinois), 1956

*In the Teaching of Biological Sciences and General Science*

BRUCE MASLAND BELL, A.B., Grinnell College, 1963  
ELDON LEROY HAAB, B.S., 1967  
WILLIAM WARREN JOHNSON, B.S., 1966  
DAVID WARY SCHRODER, B.A., Northwestern University, 1964  
SISTER MARY FRANCOIS DeFRAIN, B.S., Nazareth College, 1965

*In the Teaching of Geography*

ROSALYN LEVIN CHASIN, A.B., 1963

*In the Teaching of Mathematics*

ELIZABETH WANER BUFFA, B.A., State University of New York (Albany), 1966  
RONALD ERWIN MICKELSON, B.S., Eastern Illinois University, 1964  
BUKUNOLA OLASIMBO OSIBODU, B.S., District of Columbia Teachers College, 1967  
SISTER SALLY MARIE O'NIELL, A.B., St. Mary's Dominican College, 1961  
PAULA JEAN VALAITIS, B.S., Loyola University (Illinois), 1967  
BARBARA COX VANDERKLOOT, B.S., 1966  
NELVIN KENT WILSON, B.S., Eastern Illinois University, 1964

*In the Teaching of Physical Education*

THOMAS RICHARD WATKISS, B.S., 1965

*In Theoretical and Applied Mechanics*

NORMAN EDWIN DOWLING, B.S., Clemson University, 1967  
TIMOTHY GEORGE GUTOWSKI, B.S., Wisconsin State University (Platteville), 1967  
RAY NORMAN NITZSCHE, B.S., 1967  
JOHN MARTIN POTTER, B.S., 1967  
PAUL CHARLES ROSENBERGER, B.S., Iowa State University of Science and Technology, 1952

*In Zoology*

JAMES WILLIAM AMBROSIUS, B.A., Millikin University, 1964  
EVELYN MAY BOWEN DORSEY, A.B., Olivet Nazarene College, 1962  
THOMAS HAROLD FRITTS, A.B., 1967  
FRANK STEPHEN GRASS, B.A., Butler University, 1966  
LINDA LOUISE HELGERSON, B.S., Tufts University, 1966  
ROBERT EDWARD LEWKE, B.S., 1966  
ALDONA MAZAC, B.S., 1966  
ALAN WILLIAM MCINTOSH, B.S., 1966  
LOUIS JOHN MORETTI, B.A., State University of New York (Oswego), 1966  
LARRY MERLE PAGE, B.S., Illinois State University, 1966  
RAYMOND THEODORE SCHAAF, JR., B.S., Eastern Kentucky University, 1966  
SISTER M. JANICE BAHR, B.A., Viterbo College, 1964

**Degree of Master of Music**

ROBERT CLARK ASHBY, B.Mus.Ed., Texas Technological College, 1966  
SUSANNE LEE AULTZ, B.M., Muskingum College, 1966  
SUSAN GAIL BENNION, Mus.B., Oberlin College, 1967  
JAMES ORVILLE FULKERSON, B.Mus., Illinois Wesleyan, 1967  
KATHI STOLL KURTZMAN, B.Mus., University of Colorado, 1963  
JANET WHITCOMB PUMMILL, B.M., North Texas State University, 1964  
NORMA ELAINE WEIGLE, B.M.E., Wichita State University, 1967  
SAMMIE GAYLE WHITTEN, B.Mus., North Texas State University, 1966

**Degree of Master of Education**

ANNA MARIE ADAMS, B.S.Ed., Northern Illinois University, 1967  
DORA LENCE ALLEN, B.S., Southern Illinois University, 1944  
ROBERT ANDERSON ALLEN, B.S., Eastern Illinois University, 1956  
WILMA ARMSTRONG ALLEN, B.S., Indiana State University, 1947  
DONALD JARL ANDERSEN, B.S., Wheaton College, 1959  
LANNY EARL ANDERSON, B.S., 1963  
RONALD CLYDE ANGERER, B.S., 1966  
DIANE HARRIET ARMGARD, B.S.Ed., Illinois State University, 1957  
WILLIAM STANLEY BARANYK, B.Sc.Agr., B.Ed., University of Alberta, 1953, 1961  
GRACE SCHMIDT BARTISON, B.S., 1959  
EILEEN JOYCE BATEMAN, B.S., Olivet Nazarene College, 1962  
LENORE HANSON BEAN, B.S., Olivet Nazarene College, 1962  
MARJORIE SEARLES BECKHART, B.S., Illinois State University, 1965  
CHARLES JAMES BEETZ, B.S., Blackburn College, 1962  
SHIRLEY ANN BELL, B.S., Illinois State University, 1963  
RHEA FROM BERGER, Ed.B., State University of New York (Buffalo), 1967  
WILLIAM BYRON BLACK, A.B., William Jewell College, 1963  
DANIEL WILLIAM BOCK, B.S., 1964  
VERNON MAYER BOKEMEIER, B.S.A.H., Iowa State University of Science and Technology (Ames), 1940  
GLADYS DAVIS BOOTH, B.S., 1962  
KEITH ARLYN BOS, B.S., Northern Illinois University, 1963  
SHARON LEE BOZARTH, B.S., Eastern Illinois University, 1961  
ROGER DEANE BRADLEY, B.S., 1967  
MARY LOU BRANDVIK, B.A., Concordia College, 1960  
JOYCE MARIE GORE BREDTHAUER, B.S., Northern Illinois University, 1964  
CAROL LYNNE BREEZE, A.B., 1963  
EMILY BOSLEY BROWN, A.B., Stowe Teachers College, 1949  
MARY KENNEDY BROWN, B.S., 1963  
PATRICIA VIOLETT MEETER BURGESS, B.S.Ed., Illinois State University, 1962  
EUNICE MEISSNER CARPENTER, B.A., Carroll College, 1961  
GEORGE EDWARD CASEY, A.B., Harris Teachers College, 1965  
GEORGE CHRISTIAN CASTRO, B.A., Eureka College, 1962  
JANE FISHER CHAPMAN, B.A., Edgewood College, 1964  
JEAN LOGAN CHAPMAN, B.S., MacMurray College, 1956  
GEORGE UNDERWOOD CLOGSTON, B.A., Western Washington College, 1957  
JACK NELSON COFFEY, B.S., Florida State University, 1960  
LAURA HARRIET COLEMAN, B.A., Bennett College, 1964  
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NICHOLAS JOSEPH COVELL, B.S., University of Minnesota, 1964  
PHYLLIS ELOY CZYZEWSKI, B.S., 1967  
WINTFRED MCLEOD DAVIS, B.S., Agricultural and Technical College of North Carolina, 1967  
MARTHA CHRISTIAN DEVRIES, B.A., Michigan State University, 1964; M.A., Northwestern University, 1965  
WILLIAM PHILIP DEWERFF, B.S., Southern Illinois University, 1963  
WILLARD RAY DEWITT, B.S., Olivet Nazarene College, 1957  
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MAMIE CATHERINE DITTEMORE, A.B., McKendree College, 1965  
WILLIAM PAUL DIXON, B.S., Bradley University, 1964  
DENNIS GEORGE DODD, B.S., Iowa State University, 1960  
VERNA LEE DONE, B.S., Southern Illinois University, 1965  
JOHNNY DEAN DUNCAN, B.S., Kansas State College of Pittsburg, 1964  
JOHN EDWARD DUNHAM, B.S., Western Illinois University, 1961  
JAQUELINE HALL DURANT, B.S., University of Missouri, 1945  
ALTA HARRISON DYAR, B.S., Southern Illinois University, 1964  
CLAUDIA KATHERINE EBERLE, B.A., Illinois Wesleyan University, 1965  
CHRISTY HAUSMANN ELLIOTT, B.S., Western Illinois University, 1963  
MARY ANN ENLOW, B.S., 1964  
BARBARA JEAN EVANS, B.A., Greenville College, 1966  
MARINA CAROL FABBRI, B.S., Illinois State University, 1961  
JOHN GILBERT FANTHORPE, A.B., Olivet Nazarene College, 1964  
ROLEEN ANN FASSERO, B.S., Eastern Illinois University, 1959  
JAMES THOMAS FINDLAY, B.A., Lake Forest College, 1965  
VIRGINIA KEARLEY FINLAY, B.S., Northwestern University, 1941  
REUHAMA MARKINS FOOTE, B.S.Ed., Olivet Nazarene College, 1947  
RICHARD CHARLES FOSCO, A.B., Bradley University, 1959  
JEANETTE LARSON FREDRICKSON, B.S., Wisconsin State University (Eau Claire), 1964  
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RONALD VICTOR GALSTER, B.S., Bradley University, 1954  
LYNNE MARGULIES GANG, B.S., Danbury State College, 1965  
ELISE EMMA GANSKE, A.B., Rockford College, 1962  
ROBERT EUGENE GARNETT, B.Ed., Northeastern Illinois State College, 1963  
WELDON EARL GARRELT, B.S., 1964  
VONNIE BUCKLEY GENTRY, B.S., Jackson State College, 1963  
MARIAN ELEANOR SMART GETTS, B.S., Illinois State University, 1960  
RICHARD FRANKLIN GIBSON, B.S., Eastern Illinois University, 1963  
MONICA HYNEK GODFREAD, B.S.Ed., University of North Dakota, 1963  
GERALD LEE GOODMAN, B.S., Western Illinois University, 1957  
REBECCA LEE FRALIN GRASSE, A.B., Olivet Nazarene College, 1964  
SUZANNA MEYER GRAY, B.A., Greenville College, 1963  
FRANK AUGUST GREEN, B.S., 1967  
KAY McMULLEN GREEN, B.S., Illinois State University, 1965  
FRANCES PEARL GREER, B.S., Alcorn Agricultural and Mechanical College, 1965  
CONSTANCE FAY GROUND, B.S., Millikin University, 1965  
ROBERT ANTHONY GRYGIEL, B.S., 1965  
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THOMAS MARION GUNNING, A.B., Monmouth College, 1964  
GALE FRANCIS GUYER, B.A., Olivet Nazarene College, 1962  
JANET MACLACHLAN HAFFER, B.S., Pennsylvania State University, 1960  
GERALD EUGENE HAHN, B.S., 1965  
ROBERT HENRY HALSEY, B.S., Carthage College, 1962  
WARD DOUGLAS HARGIS, B.S., 1967  
ALAN JAMES HARLAND, B.S., Northern Illinois University, 1964  
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LUCILLE SHAPIRO HARTER, A.B., 1964  
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KENNETH LLOYD HEINEMANN, B.S., 1967  
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MARY MITCHELL HELLER, B.S., Fairleigh Dickinson University, 1965  
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ALAN KENT HOLVERSON, B.A.Ed., Illinois State University, 1963  
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JOHN JEROME JERZ, B.S., Northern Illinois University, 1956  
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PHILLIP LAWRENCE LAESCH, B.S., Illinois State University, 1957  
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THOMAS KEVIN LAUGHLIN, A.B., 1966  
EVELYN WILLIS LEE, B.S., Mississippi College, 1964  
ARTHUR EDWARD LEHR, B.A., Southern Illinois University (Edwardsville), 1965  
DOROTHY MAE LESLIE, B.S., 1951  
JEANETTE ELIZABETH LEWIS, B.S., 1964  
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RUTH MARIE LINDBLOM, A.B., Hunter College, 1965  
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LARRY JAMES LOWE, B.S., 1963  
MARGARET HAMILTON LOY, B.Ed., Western Illinois University, 1934  
WILLARD ARTHUR LOY, B.Ed., Western Illinois University, 1934  
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LANDALL MACK, A.B., McKendree College, 1959  
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DAVID HADLEY MANCHESTER, B.S., Bradley University, 1963  
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BARBARA IRENE MCCUTCHEN, A.B., Olivet Nazarene College, 1964  
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BELLE HOOKHAM MESSLEY, B.S., Northern Illinois University, 1960  
WILLIAM HARRY MILLER, B.A., Saint Mary's College (Minnesota), 1965  
ARTIMESE DAVIS MILLS, B.S., Tougaloo Southern Christian College, 1961  
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JAMES EUGENE MONROE, B.S., Western Illinois University, 1957  
ROBERT MEYER MONTGOMERY, B.A., Illinois Wesleyan University, 1968  
MIRIAM CARPENTER MULLEN, B.S., 1956  
ARTHUR SAMUEL MURPHY, B.S., Northern Illinois University, 1949  
JOHN ROBERT MURPHY, B.S., Western Illinois University, 1961  
VICTOR NAFRANOWICZ, B.S., Northern Illinois University, 1965  
MICHAEL CHRISTY NAPP, A.B., McKendree College, 1965  
TIMOTHY JAMES NEHER, B.A., Hanover College, 1967  
OTIS PAUL NICELY, B.S., 1942  
RUTH ADELIA NICHOLSON, B.S.Gen.N., Indiana University, 1965  
TOM COTTON NICHOLSON, B.S., Illinois State University, 1967  
NANCY LEE NORMAN, B.A., Illinois Wesleyan University, 1960  
JANET KAY ODLE, B.A., Colorado College, 1967  
CARL JOHN OLSON, B.S., Northwestern University, 1963  
DANIEL BLADE OLSON, B.S., University of Minnesota, 1962  
NORMA CAMPBELL PATTERSON, B.S., Illinois State University, 1958  
LOTHAR REINER PEISTRUP, B.S.Ed., Illinois State University, 1964  
JOYCE SANQUIST PENN, B.S., 1964  
RALPH EDWIN PERILLO, B.S., Illinois State University, 1967  
GLORIA JEANNINE PERRINE, B.S.Ed., Kent State College, 1964  
PEGGY DONEGHUE PETERS, B.S., Eastern Illinois University, 1961  
MARY VOLAND PETERSEN, B.S., Illinois State University, 1965  
VERA MORGAN PHILLIPS, A.B., McKendree College, 1959  
MARGARET HELEN PJOJIAN, B.S., Rhode Island College, 1967  
MARIANNE SKORUPA PLIML, A.B., Lewis College of Science and Technology, 1959  
JEANETTE REGINA PONCELET, A.B., College of New Rochelle, 1958  
MONICA POWELL, B.S., Minot State College, 1950  
THOMAS IRVIN POWELL, B.S., Illinois State University, 1966  
BETTY HENDRIX PRUITT, B.S., 1962  
WAYNE FREDERICK RABOLD, B.S., 1964  
ARTHUR JOHN RAUCH, B.S., Eastern Illinois University, 1967  
LUCILE GUTHRIDGE REED, B.S., Eastern Illinois University, 1949  
JUDITH VOTH REGEHR, B.S.Ed., Bethel College, 1964  
NORMAN JAMES REISER, B.S., Illinois State University, 1963  
NORMA JEAN REISS, B.S., Eastern Illinois University, 1965  
RICHARD LEE REMMERT, B.S., 1961  
JUDITH MARIE RIORDAN, B.S., 1962  
WILLIAM ROBERT ROESSLER, B.S., University of Minnesota, 1964  
ROSALIE EMMA ROGOW, B.A., Greenville College, 1961  
JANIS CHRISTIAN ROYER, B.S., Montana State University, 1961  
ALAN MILES RUMLEY, B.S., Northern Illinois University, 1952  
FRANCES LOGAN SANDERS, B.S., 1947  
CAROL ANN SCHARLAU, B.S., 1966  
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SUSAN EDITH SCHICK, B.S., George Peabody College for Teachers, 1967  
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PEGGY JANE SCHOENING, B.S., Southern Illinois University, 1964

RICHARD JOHN SCHULTZ, A.B., *Concordia Theological Seminary*, 1942  
ROBERT CAVETTE SCOTT III, B.S., *Parsons College*, 1963; M.S., 1965  
GERALDINE MARY SCZYGIEL, B.A., *Mount Mary College*, 1965  
JAMES LEE SEAY, B.S., *Illinois State University*, 1963  
HELEN HOLST SHILLITO, B.S., *Southern Illinois University*, 1963  
BERNICE VIRGINIA SHUMAN, B.S., 1948  
SISTER MARY JEAN FEENEY, B.S., *St. Ambrose College*, 1949  
SISTER ANNA CATHERINE HAYES, A.B., *College of Our Lady of the Elms*, 1961  
SISTER MARY CAROL HEIDEWALD, B.S., *St. Xavier College*, 1956  
SISTER MARY JOSITA KUHNLINE, B.A., *St. Ambrose College*, 1960  
SISTER MARY ASSUNTA LAUE, B.A., *San Diego College for Women*, 1962  
SISTER MARY ALBERTA LAWLESS, B.A., *Fontbonne College*, 1963  
SISTER FRANCIS DENISE MADIGAN, B.A., *St. Mary-of-the-Woods College*, 1963  
SISTER ELAINE MARY MAYFIELD, B.A., *St. Ambrose College*, 1961  
SISTER MARY ROBERTA MCGOWAN, B.A., *St. Ambrose College*, 1960  
SISTER MARY LUCILLE MERTES, B.S., *Loyola University (Illinois)*, 1957  
SISTER MARIA O'LEARY, A.B., *St. Xavier University (Illinois)*, 1962  
SISTER MARY BERNARD RAWE, B.A., *DePaul University*, 1962  
SISTER GERTRUDE ANN RUBSAM, B.S., *St. Norbert College*, 1964  
SISTER MARY KAREN RYAN, B.A., *Saint Xavier College*, 1962  
SISTER MARY LOUISE TEUFEL, B.A., B.S.Ed., *Ohio State University*, 1945, 1946  
FLORENCE ELOISE SMITH, B.A., *Iowa State Teachers College*, 1947  
JOSEPHINE SCOTT SMITH, B.S., *Paine College*, 1956  
HELEN SUE SPEISER, B.S., 1963  
NANCY MARIE STANGELAND, A.B., 1966  
BEVERLY ELIZABETH STARTZ, B.S., 1966  
MARY ELIZABETH STATT, A.B., *Trinity College*, 1953  
KENNETH FAEH STEVENS, B.S., 1948  
HELEN MAXINE STEWARD, B.S., *Greenville College*, 1961  
MARY JANE STICKELS, B.S., *Northwestern University*, 1943  
ANTHONY JOHN SUDAR, B.S., 1958  
JAMES AQUILA SWATHWOOD, B.S., *Indiana University*, 1962  
BILLY MILES TAYLOR, B.S.Ed., *Eastern Illinois University*, 1964  
RICHARD FREDERICK TAYLOR, Ph.B., *Illinois Wesleyan University*, 1948  
VERNAL LEE TAYLOR, B.S., *Florida Agricultural and Mechanical University*, 1949  
CAROLE KUMLIN THEESFELD, B.S., *Illinois State University*, 1965  
DAVID ALAN THEESFELD, B.S., *Illinois State University*, 1964  
MARILYN BRIMM THOMAS, B.S., *Southern Illinois University*, 1961  
WILBUR LAVARD THOMAS, Jr., B.S., *University of Missouri*, 1963  
STEPHEN AMOS TILTON, B.S.Ed., *Illinois State University*, 1965  
VERNA ROGERS TOLDEN, B.S., *Agricultural, Mechanical, and Normal College*, 1958  
GERALD CONRAD UHE, B.S., *University of Missouri (Rolla)*, 1962  
RILLER ELIZABETH VAUGHN, B.S., *Jackson State College*, 1964  
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FLOYD BRONSON WALGREN, B.S., *Eastern Illinois University*, 1964  
DONALD CARL EDWARD WALKER, B.S., *Eastern Illinois University*, 1964  
JOAN WILLIAMS WALLACE, B.S., *Centenary College of Louisiana*, 1963  
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RICHARD FISHER WATERHOUSE, B.S., *Western Illinois University*, 1961  
JUDITH JESKEY WATSON, B.S., *Southern Methodist University*, 1965  
ONA TEPER WEIZMANN, B.A., *Ohio State University*, 1966  
NORMA PEARL WEST, B.S., 1959  
DONALD EUGENE WHITTEN, B.S., 1957  
MARY LEE HALEY WILLIAMS, B.S., *Southern Illinois University*, 1964  
JOHN HOWARD WILLIAMSON, B.S., 1965  
DELBERT LEE WILLISON, B.S., *Eastern Illinois University*, 1960  
JOHN STEPHEN WILLSON, B.A., *Lawrence College*, 1964  
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FRANKIE JEAN WILSON, A.B., *Talladega College*, 1964  
JEANNE RUBBA WITZIG, B.A., *Trenton State College (New Jersey)*, 1963  
MICHAEL JOSEPH WOODS, B.S., *Western Illinois University*, 1964  
GARY VALENTINE WOOLLEY, B.A., *Beloit College*, 1967  
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**Degree of Master of Social Work**

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JEAN ELIZABETH JACOBSON, B.S., Ed.M., 1960, 1964  
LILLIAN IRENE LAHTI, A.B., A.M., University of Michigan, 1951, 1959  
ALBERT ERNEST LIEHR, B.S., Ed.M., 1952, 1956  
BARBARA JEAN MICHAELS, B.S., Wisconsin State College, 1956; M.S., University  
of Wisconsin (Milwaukee), 1960  
LEONARD WILLIAM MUELLER, B.Ed., M.S., Illinois State University, 1942, 1949  
CHARLES NORRIS NEVI, B.S.Ed., M.S., Southern Oregon College, 1961, 1965  
CAROLYN REED PIERCE, B.S., Southern Illinois University, 1954; Ed.M., 1967  
DALLAS DWAIN PRESTON, B.S., M.S., Western Illinois University, 1957, 1967  
ROBERT LESTER ROHLFING, B.S., M.S., 1940, 1951

WILLIAM FRANK SCHILLING, B.S., M.S., Bradley University, 1963, 1967  
 MAUREEN CALLAHAN SCHMID, A.B., St. Mary's College, 1963; M.A., University of Notre Dame, 1964  
 DELLIS DARREL SCHROCK, B.A., Goshen College, 1956; M.A., North Dakota State University, 1962  
 LADLI CHARAN SINGH, B.Sc., Agra University, 1951; M.Ed., M.A., University of Delhi, 1958, 1961  
 SISTER MARIE CECILE MAZUROWSKI, A.B., Nazareth College, 1938; M.A., University of Detroit, 1945; A.M.L.S., University of Michigan, 1966  
 SISTER FRANCES E. WEAVER, B.S.Ed., Athenaeum of Ohio, 1956; M.A., Marquette University, 1964  
 SONIA TILTON SNAPP, B.Ed., Illinois State University, 1944; M.S., 1953  
 GRACE MERCEDES STARKS, A.B., Ed.M., Southern University and Agricultural and Mechanical College, 1955, 1959  
 PHILIP EDWARD THOMPSON, B.A., Beloit College, 1958; M.S., University of Wisconsin, 1962  
 JOHN JOSEPH WHALEN, B.S., M.A., Loyola University (Illinois), 1951, 1960  
 PAUL EDWIN WHITSEL, B.A., Juniata College, 1950; M.Ed., Pennsylvania State University, 1953  
 MERLE MILTON ROBERT ZESCHKE, B.S., Ed.M., 1953, 1956

### COLLEGE OF AGRICULTURE

#### Degree of Bachelor of Science

##### *In Agriculture*

TEMITAYO KOLA AKINBAMI	DAVID REID MECK
PAUL JOSEPH BOYLES, JR.	JOE DALE MILLER
ALAN RICHARD COBB	WAYNE MELVIN MILLER
DAVID LEE COCHRAN	MERVIN GENE PETERS
LEROY CLAYTON DAVIS	SUSAN CADY RADEMACHER
LARRY DAVID GREENWOOD	GILBERT DANIEL REZNICEK
WILLIAM EDWARD HORNBACK	JAMES ARTHUR ROBINSON
JOHN FRANCIS KENNEDY	JAY ALLEN SCHLORFF
KRISTIAN SIMON LAURITZEN	DANIEL PETER ZAY

##### *In Dairy Technology*

JAMES PAUL ANGLES

##### *In Floriculture and Ornamental Horticulture*

WILLIAM RALPH FISCHER	JAMES WILLIAM REID
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##### *In Home Economics*

DIANN JOY DENNIS BERRY, Honors	JEAN CLINTON ROBERTS
ELIZABETH ANN GAEDE	KAREN JENKS ROBINSON
JANICE SUE GERULSKI	BEVERLY GIERACH SIEMERS
CAROL ANN KIESER	BRENDA KAY MALLICOAT SULLINS
JOANNE LYNN GRIFFITH LAPP	ROYCE VANDERLINDEN
SUSAN DIANNE HENRY MCGEE	GAIL MARIE VOKATY WERNER
JANE ELIZABETH PURCELL	

##### *In Home Economics Education*

NANCY JEAN THUROW LEPPER	SALLY SCHWARTZ MOXNESS
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##### *In Restaurant Management*

ROBERT FRANK SWALLOW

### COLLEGE OF ENGINEERING

#### Degree of Bachelor of Science

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

JAMES TYLER EVERITT	DALE FRANCIS NEWTON
MICHAEL GARMARNIK, Highest Honors	GRIFFIN CARTER NOBLE
HARRISON RALPH HITCHNER	WARREN FRANK WALSKI
TERRY MICHAEL JACOBS	

*In Agricultural Engineering*

MICHAEL FAIVRE WALTER

*In Civil Engineering*ROBERT CHARLES BAUER  
DONALD GLENN BEISER  
GEORGE AVERY DRYEWILLIAM JOSEPH GREEN  
CHESTER ROBERT KROPIDLOWSKI*In Electrical Engineering*PAUL GEORGE ALONAS  
DONALD KINGSLAND BATES  
ALAN DAVID BORCHARDT  
DAVID HUGH CURRIE  
RAYMOND GEORGE DROST  
GEORGE WARREN EMRO  
JOSEPH THOMAS ENNESSER  
VICTOR IGWEBUIKE ERIKEN  
TERRY EDWARD FLACH  
ROLANDO GINYOVSKY ZECHMEISTER  
STEPHEN JOSEPH HOLZ  
DONALD K. JONES, High Honors  
JOHN WILLIAM KAPALA  
FRANK JEROME KOWALSKI  
ROBERT LOUKAS KOZONIS  
LEONARD STANLEY LEPKOWICZ  
LAURENCE VICTOR MARKS  
JAMES WILBUR McCAW  
MERLE PAUL McCURRY  
JOSEPH SALVATOR MERLOPAUL LOUIS MICHAUD  
HENRY ALBERT MORGAN  
MASOUD MOSTAFAVI, High Honors  
HOMAYOUN NOMANI, High Honors  
HAROLD GENE PATTERSON  
JOSEPH JAMES POZYCINSKI  
MICHAEL FREDERICK QUANE  
JAMES MAX REEB  
DENNIS DON ROSCOE  
GORDON MAGNUS SAMUELSON  
JUDE PATRICK SCHMIDT  
EDMUND RICHARD SKUTECKI  
JAMES LEROY SNELL, Honors  
RAUL LEY SOTO  
PETER JOHN THOMA  
JOEL CHARLES VAN ANTWERP  
RICHARD THOMAS VAN PELT  
VASILIOS VASILOPOULOS  
RICHARD CRAIG YOUNG*In Engineering Mechanics*MICHAEL NORMAN CANTWELL, Highest  
Honors*In Engineering Physics*MEHRDAD GOSHTASBPUR, Highest  
Honors*In General Engineering*RALPH EDWARD BRADLEY  
MICHAEL HOWARD HALL  
ROBERT DAVID JONESDAVID NASH PORTER  
ALAN STEVEN WALSE*In Mechanical Engineering*WILLIAM JOHN BUFKIN, Honors  
EDWARD STANLEY GRYCH  
LAWRENCE ALLEN HULSBINK  
PAUL LOUIS KINCAID  
RONALD FRANK LOBODZINSKI  
MOHAMMAD SAEED MASSOUDI, Highest  
HonorsGEORGE EDWARD MORRIS, SR.  
RICHARD CHUKA OBOKA  
GREGORY WAYNE PURDOM  
JAN WILLIAM VERKAIK  
LESLIE ALAN WIEDEMANN*In Metallurgical Engineering*

JOHN THOMAS BOEING

MARTIN EFIONG ESSIEN

## COLLEGE OF LIBERAL ARTS AND SCIENCES

## Degree of Bachelor of Arts

*In Liberal Arts and Sciences*VANCE FOSTER AHLF  
ROWENA LOUISE AMES  
PATRICIA ANN ANDERSON  
THEODORE JOHN BIEDRON  
ALICE ANNE BLISS  
GARY LEE BOLEN  
FRANK WILLIAM BONANDANIEL VERNOR BORAH, JR.  
ROBERTA JEAN BRADLE, High Honors in  
Liberal Arts and Sciences  
JEANETTE MARIE BRUNI  
JOHN RICHARD BUTLER  
NORMA CAPEL, High Distinction in  
Portuguese

CAROL LYNN CECH  
SYLVIA JEAN CLARK, High Honors in  
Liberal Arts and Sciences with Dis-  
tinction in the History of Music

JAMES FRASER COON  
MICHAEL JOHN DEC  
WILLIAM JOHN DORNBUSH  
MARGARET ELIZABETH DUFFY

KAY PHYLLIS ETTINGTON  
DAVID RAYMOND EUBANKS

MERLE SUE FLORENCE  
RANDALL ALFRED FOLTZ

ELLEN ANDRA GALE  
PARVIN GHAFARI

JUDITH SUSAN DUNN GREEN  
ALAN WILCOX HAUSERMANN

RANDA NUSBAUM HELSER  
KATHERINE ANN HOATSON

MARY ELIZABETH HOGAN  
SUSAN HOLTY

ROGER JAMES INMAN, Distinction in  
Rhetoric

DENIS HALLORAN JENSEN

DOUGLAS ARAN JOHNSON

RAFAEL WILLIAM DAVID KAHN

MICHAEL DAVID KATZ

BARBARA J. KEYLON

CARL WAYNE KOERNER

ELISE SOLOMON KOPF

LAURENCE STEPHEN LANGOHR

ILONA NINA LEKI, High Honors in Lib-  
eral Arts and Sciences with Dis-  
tinction in French

JAMES DuBOSE LOCKE

JOHN WALTER LOFTUS

JEFFREY HARRISON LOVELL

MONICA MARIE MANNING, Distinction in  
Speech

MARGARET VISONA MARRIOTT, High  
Honors in Liberal Arts and Sci-  
ences

ROBERT EDWARD MARSHALL

TERRENCE JOHN MCFARLAND

LAWRENCE RAYMOND MORRISSEY, Hon-  
ors in Liberal Arts and Sciences

IRWIN BARRY MUCH

SUSAN MARGARET MURDOCH

CHARLENE FRANCES MYERS

DEL EUGENE OGREN

MARTHA HILDA OTTO

ANDREA FRAN PALMER

GLENN RICHARD PARKER, Distinction in  
Political Science

DANIEL JAMES PARZ

PHILIP MICHAEL POLLOCK

CARLA LOU REARDON, Honors in Liberal  
Arts and Sciences

ROBERT WILLIAM RICKLEFS

JON DAVID ROBINSON

WILLIAM FRANCIS ROTHWELL, Jr., Dis-  
tinction in Anthropology

RICHARD DIXON SHELL, Distinction in  
Portuguese

CYNTHIA ANN SHOUP

CHERYL JEAN STALLMAN, High Honors  
in Liberal Arts and Sciences with  
Distinction in French

HELEN MARLENE STEPHANSON

ROBERT HALEY STORM

MARY ELLEN TARCZON

PAMELA JEAN TATE, High Honors in  
Liberal Arts and Sciences

SUSAN FAIR TEBUSSEK

JANET SUE THOMPSON

JOAN ELLEN TOLEN

MARTIN DAVID TOPPER, High Honors in  
Liberal Arts and Sciences with  
Highest Distinction in Anthropology

SONJA WARDEN URKOVICH

GAIL VENEZKY

CHARLES FRANK WENTE

SANDRA ELAINE WESSON

KAREN CULBERTSON WILSON

RICHARD EDWARD WINKLER, Jr.

LYNNETTE ZOLT YORE

#### *In the Teaching of English*

LOREE KNAUB CIECHANOWSKI

DALE LYNNE DONIGER

DENICE JEAN FITCHIE

JANIS LOUISE GILBERT

JULIA FRANCES HAMELBERG

PHILIPPA ANN JERZYCKE

PAMELA KAY JORGENSEN, High Honors  
in Liberal Arts and Sciences

VIVIAN AMY KAHN

DOROTHY JUBELT McELDOWNEY, Honors  
in Liberal Arts and Sciences

JOYCE ANN MOON

GEORGE ERNEST ROLLER

JO ANN MARIE SMITH, Honors in Lib-  
eral Arts and Sciences

APRYL STEPHANIE WARREN

#### *In the Teaching of German*

CONSTANCE RUTH CUMMINGS, High  
Honors in Liberal Arts and Sci-  
ences with High Distinction in the  
Curriculum

#### *In the Teaching of Social Studies*

DEWEY G. HOLLINGSWORTH, Honors in  
Liberal Arts and Sciences

JO ANN MECH, High Honors in Liberal  
Arts and Sciences

WAYNE GERHARDT NIEMANN, High  
Honors in Liberal Arts and Sci-  
ences with High Distinction in  
History

MELANIE ARLENE TILLMANN

*In the Teaching of Speech*

LINDA ANN OBENAUF, High Honors in  
Liberal Arts and Sciences with  
High Distinction in the Curriculum

*In the Teaching of Spanish*

SARALEE STRAUSS

*In Theatre Art*

ROBERT ALLEN BREWER

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

STEPHEN SAMUEL SCHERTZ  
WILLIAM MURRAY SCHOTT, Distinction  
in the Curriculum

NORMAN EARL THOMAS, Distinction in  
the Curriculum

*In Chemistry*

WILLIAM CLARENCE PIKE, High Honors  
in Liberal Arts and Sciences with  
Distinction in the Curriculum  
JACOB JOHN PLATTNER

SARA LEE SODER  
GERALD SIGFRED WIKHOLM, High Hon-  
ors in Liberal Arts and Sciences  
with Distinction in the Curriculum

*In Home Economics*

BARBARA JUNE KLEIN

CAROL MADELYN PANOZZO

*In Liberal Arts and Sciences*

WARREN ROBERT ADAMS  
AMY BOULE BIRNBAUM  
RONALD RAY BROOKS  
WINNIE CHAU-MING CHOW  
MONICA DEE CHRISTY, High Honors in  
Liberal Arts and Sciences with  
High Distinction in Psychology  
MALCOLM DOUGLAS CORNER, JR.  
JOANNA LAURA CORNETT  
JO ELLEN CUNNINGHAM  
SAMUEL JAMES DALTON  
CHRISTOPHER DAMMERS  
WILLIAM ALLEN DAY  
CHARLENE TALSA DOYLE  
JOSEPH ALLEN FLAHERTY  
GEORGE A. FRANKLIN, JR.  
DAVID MYRON GOLDSTEIN  
KATHRYN MARY GREENMAN  
SUNDRA CAROL GREGORY, Honors in Lib-  
eral Arts and Sciences  
LAWRENCE MICHAEL GREY  
DIANE JULIA GUILIANI  
EARL WEBB HENRY, High Honors in  
Liberal Arts and Sciences  
PAUL JOHN HLETKO  
BONNIE JUNE HOHMAN  
PATRICIA LYONS HOMAN  
RICHARD EDWARD ISLER  
ELLSWORTH EMIL LUDWIG  
GERALD ALLEN MARTIN  
DAVID EWING MINOR  
MARJORIE JANE MINOR  
ALFRED GINO MORESI

SALLY HELEN MORROW  
ROSEMARY WALTON NADEAU  
LARRY EUGENE NEVENHOVEN  
KUONG CHAT NGO  
SUSAN LYNN OATES  
WALTER GATES OLSON  
RICHARD DONALD OSBRINK  
JAMES WINTER PAUL  
WILLIAM ROCKWELL PFINGSTEN  
LEO PETER PLAS, JR., High Honors in  
Liberal Arts and Sciences with Dis-  
tinction in Geology  
MICHAEL STUART POPPER  
TERRY LEE ROBERTS  
ELMER RICHARD ROBINSON  
HARGER COOK ROLLO  
LOIS SHELTON  
SHERI SIMON  
BRUCE WILLIAM SMIT  
TERRY ENDERLE SUELTMAN  
CONSTANCE LOUISE THOMPSON, High  
Honors in Liberal Arts and Sci-  
ences with Highest Distinction in  
Mathematics  
NANCY JEAN VUCKOVICH, Distinction in  
Zoology  
SALLY ANN VUKELICH  
JEAN ANNETTE WASHBURN, Honors in  
Liberal Arts and Sciences  
JAMES BURTON WEEKS  
MALCOLM FLOYD WELCH  
RICHARD DONALD WITHEROW  
HELEN WULC

*In Physics*

THEODORE MARION LACH  
WILLIAM RICHARD SHANAHAN, High  
Honors in Liberal Arts and Sci-  
ences with Highest Distinction in  
the Curriculum

*In Speech Correction*

KRISTI RENNEBOHM FRANZ, Distinction in the Curriculum  
 DIANNE LOUISE HALENAR  
 NANCY JO GREGORY RUTH MARIE PHILLIPPE  
 CAROLYN GILMORE RAREY

*In the Teaching of Biology*

TERRY STARR

*In the Teaching of Earth Science*

ROBERT HOWARD GILKESON

*In the Teaching of Mathematics*

JAMES ROYCE BERTHOLD PHILIP ALAN LOGSDON  
 STEPHEN EARL HAHN JAMES MICHAEL McDEVITT  
 BARBARA JANE INMAN MARY JOHNSON WERNER  
 LINDA LOU KNOX, High Honors in Liberal Arts and Sciences with Distinction in the Curriculum

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

LEE ALAN CAMPBELL, B.A., Yale University, 1965  
 TERRENCE MERLYN WALSH, A.B., 1965  
 LAWRENCE JAMES WEINECKE, B.A., Southern Methodist University, 1965  
 FREDERICK ARBER JOHNSON, B.S., 1966  
 RICHARD ALLEN KAUFMAN, B.A., Northwestern University, 1965

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

JANICE ROSE ADAMAITIS NANCY LOUISE KINTZEL  
 RUSSETTA FLANDERS ALLEN DORIS SHAFFER KIRBY  
 BEVERLY HILTABIDLE BEASLEY JACQUELYN THOMAS KLEISS  
 ANN SYLVIA STERN BERKSON LINDA LOU LARSON  
 CAROL GUTHRIE FARNUM VIOLET PATTERSON METZ  
 ALMA ROSE FORRESTER JOYCE FINNERN MILBRATH, Honors  
 SUSAN WILSON GLENNON ARLENE FAY SHAFER SMITH  
 RUTH CONDON HALL LYDIA MARY STEMPIEN  
 JAMES HENRY HAYES, JR. MARY RUTH THALGOTT  
 JEAN GAMMILL JUDSON HELEN MASTERS WHALEN

*In Industrial Education*

JACK HAROLD ALVERS RANDALL BRENT MARTIN  
 BARRY LYALL KEHEL

*In Secondary Education*

PATRICIA HARMENING BRINK, High Honors DANNEL MCCOLLUM  
 JOHN WILLIAM JOSEPHSEN JANE CAROL ROSEN

**COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION****Degree of Bachelor of Science***In Accountancy*

DEAN ANDREW ADAMS PATRICIA HARRIET GINSBERG  
 KEITH EDWIN BOLES RICHARD CARL JARCHOW  
 WILLIAM JOHN BURZYNSKI MERRILL GUY NORTON  
 DAVID FURROW CARTER MARY LEONA PERZ  
 HARVEY CITERMAN LESTER JOHN RHODES  
 JOHN SCOTT COBB RAYMOND CURL SMITH  
 DENNIS MICHAEL CONKLIN RICHARD EDWIN TOENJES  
 IRL FREDRICK ENGELHARDT JOHN MARTIN WACHOWICZ  
 JOHN GORDON ERICKSON MICHAEL CHARLES WALSH  
 GERRY KENNETH FINK SHERWIN ALVIN ZUCKERMAN  
 DOUGLAS HENDERSON FORDE

*In Economics*

JOHN DAVID ASHBAUGH  
BERTRAND MORLEY EMERSON

ROBERT EDWARD KELEHER

*In Finance*

RALPH VAN BOGAN  
DANIEL WAYNE HOUMES  
MICHAEL EUGENE JONES

RONALD ALLEN LEV  
GEORGE JOSEPH PETERSON  
ROBERT DAVID TEBBEN

*In Industrial Administration*

BAARD RICHARD GRINDAL  
LINDA SCHICK HARMS

DAVID BRIAN HOPPER

*In Management*

THOMAS WARD HURD

*In Marketing*

THOMAS JOSEPH BYRNE  
MARILYN ROSE COSTA  
MICHAEL HARVEY GARFIELD  
KERRY LEE GONNAM  
FRED RUSSELL HAZLETT

STEPHEN GEORGE KOUZOMIS  
JOHN THOMAS O'BRIEN  
JOSEPH RICHEY, JR.  
ALAN JARVIS WATERS

*In Secretarial Training*

LINDA MARIE ZULL

**COLLEGE OF JOURNALISM AND COMMUNICATIONS****Degree of Bachelor of Science***In Communications*

CHARLES RAYMOND BERNARDINI  
JANE ELLEN CARPENTER  
DONALD CHARLES EVON, JR.  
DAVID ADRIAN FOUNTAIN  
CAROL ANN FOX  
DANIEL HENRY HAMELBERG  
RAYMOND JOSEPH HEINZ  
DEIDRE SUSAN IRWIN  
JORDANKA LEPA LAZAREVIC  
ALAN WILLIAM MUNCASTER  
LARRY NEWELL PAYNE

THOMAS JOSEPH REINECKE  
ERIC GREGORY ROBERTS  
EDWARD PHILIP SEJUD  
JOHN RICHARD SLUIS  
TIMOTHY WISE SPANNAUS  
MARILYN BETH SPIEGEL  
ALFRED MELVIN SWANSON, JR.  
KATHLEEN CLECKNER TORGENSEN  
JOHN CHARLES TRACY, JR.  
DENNIS ROGER WILLIAMS, High Honors

**COLLEGE OF FINE AND APPLIED ARTS****Degree of Bachelor of Architecture**

LOREN CARL BARTELS  
JERRY HOWARD FIELDS  
S. GULZAR HAIDER  
DONALD FRANCIS HOLEVOET

DONALD VINCENT KOPALE  
WILLIAM ALEXANDER MUDGETT  
KENT ELTON RETZER  
JOHN LOUIS VOSTEL

**Degree of Bachelor of Fine Arts***In Art Education*

PATRICIA ANNE BRELOWSKI  
PAMELA ALBION GROUT  
DORTHA KILLIAN HENDERSON

MARILYNN MARCIA MUELLER  
ALICE KAREN UTTER

*In Crafts*

DUNCAN LESTER GONZALEZ

*In Graphic Design*

DAVID HASKLE GANG  
DAVID WILLIAM MALONEY, JR.

THOMAS EDWARD YOUNG

*In Industrial Design*

KENNETH LEONARD HEDEEN

*In Painting*

MARJORIE ANNE ROBERTS ALEXANDER  
LUCIA JANE BODZEWSKI

ROY RONALD DRASITES, Highest Honors  
JOHN ROBERT LEBEN

**Degree of Bachelor of Music**

MICHAEL PAUL FANELLI

**Degree of Bachelor of Science***In Music Education*

JANET SUE BARKSDALE  
MICHAEL DEAN BENARD  
NANCY LUCINDA BROWN  
CAROLYN KOENIG EIGEL  
WILLIAM THEODORE FRIES III

DOUGLAS CHRISTIAN LEMMON, Highest Honors  
KATHRYN ANN O'CONNOR, High Honors  
ADRIENNE ANGONE OLSEN

**Degree of Bachelor of Urban Planning**

TERENCE EDWARD SULLIVAN

**COLLEGE OF PHYSICAL EDUCATION****Degree of Bachelor of Science***In Physical Education*

JOHN ALAN DUNLOP  
JANET ELLING  
FREDRICK EARL HARMS  
DENISE CAROL JARVIS  
RICHARD KENT LEGUE  
BRIAN MICHAEL LERCH  
DAVID NICK LEZEAU

BENJAMIN EUGENE LOUIS  
JARY BRIN ROSENBERG, High Honors  
GILBERT ANTHONY SANKS  
RICHARD ALLAN TATE  
MICHAEL LOUIS VIG  
MICHAEL HUMMEL WAYNE  
WILLIAM CECIL YOUNG

*In Recreation*

WENDY GLICK BALTAKE  
LESLEY ZAK BERRY  
SUSAN GRACE DANZER  
MARY ANN DREFFEIN

PENELOPE JOAN FREDRICKS  
LAURA JARVIS  
BARBARA ELAINE LEIGHTON  
ADRIENNE ELAINE RYBACK

**COLLEGE OF VETERINARY MEDICINE****Degree of Bachelor of Science***In Veterinary Medicine*

ROGER FRANK HAGENBERG

**SECRETARY'S REPORT**

The Secretary presented for the record the following lists: appointments to the faculty made by the President; cancellations, declinations, and resignations; leaves of absence; change in sabbatical leave of absence; retirements. A copy of the report is filed with the Secretary.

**CHANGE IN SABBATICAL LEAVE OF ABSENCE**

WILLIS C. JACKMAN, Assistant Professor of English — sabbatical leave of absence granted him for the fall and winter quarters has been changed to sabbatical leave of absence for winter and spring quarters, 1968-69.

**ANNOUNCEMENTS FROM THE PRESIDENT OF THE BOARD**

President Swain called attention to the schedule of the next four meetings of the Board: October 16, 1968, at the Medical Center; November 22, 1968, in Urbana (having been changed by the Board from Wednesday, November 20); December 18, 1968, at Chicago Circle; and January 15, 1969, in Urbana.



Mr. Swain announced that a meeting of the Committee on Buildings and Grounds had been called following the Board meeting.

On motion of Mr. Clement, the Board adjourned.

EARL W. PORTER  
*Secretary*

TIMOTHY W. SWAIN  
*President*

#### LUNCHEON GUESTS

During the luncheon recess the President of the University asked University Counsel James J. Costello to introduce Mr. John W. Metzger, Associate University Counsel and Legal Counsel for the Urbana-Champaign Campus. The President also asked Chancellor Peltason to introduce the following new deans and directors of the Urbana campus, each of whom spoke briefly; Dean Joseph W. McGuire, College of Commerce and Business Administration; Dean L. M. Jones, College of Veterinary Medicine; Director Ralph E. Flexman, Institute of Aviation; Director Melvin Rothbaum, Institute of Labor and Industrial Relations; Director John Burrell, Krannert Center for the Performing Arts.

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

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**October 16, 1968**



The October 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, October 16, 1968, beginning at 9:30 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. Harold Pogue, Mr. Timothy W. Swain, Mr. Kenney E. Williamson. Mr. Theodore A. Jones, Mr. Ray Page, Governor Samuel H. Shapiro, and Dr. James A. Weatherly were absent.

Also present were President David D. Henry; Executive Vice President and Provost Lyle H. Lanier; Chancellor Joseph S. Begando, University of Illinois at the Medical Center; Chancellor J. W. Peltason, University of Illinois at Urbana-Champaign; Chancellor Norman A. Parker, University of Illinois at Chicago Circle; Dr. Eldon Johnson, Vice President of the University; Mr. C. S. Havens, University Director of Physical Plant Planning and Construction; Mr. C. E. Flynn, Assistant to the President and University Director of Public Information; Mr. James J. Costello, University Counsel; and 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 meetings of the Board of Trustees on January 17, 1968, February 21, 1968, March 20, 1968, April 17, 1968, and May 15, 1968, press proof copies of which had previously been sent to the Board.

On motion of Mr. Williamson these minutes were approved as printed on pages 853 to 1039 inclusive.

**FINANCE COMMITTEE MEETING**

The President of the Board asked the Chairman of the Finance Committee to convene the Committee to consider Part II of the Biennial Budget Request for Operations for 1969-71. All members of the Committee were present with Mr. Grimes in the Chair.

The President of the University and the Executive Vice President and Provost discussed the document in detail, providing background information as to the internal review that led to its development as well as the particulars of the various sections. The Provost emphasized that a large proportion of the request was based upon differential formulae developed in consultation with the staff of the Board of Higher Education.

The Provost requested that the sum of \$1,174,880 for salary improvement for interns and residents at the Research and Educational Hospitals be included in the action of the Trustees and that appropriate changes in the summary totals be made.

Mr. Williamson moved approval of the document as submitted including the special addition requested, such approval to carry with it authorization of the administration to make such corrections as would be necessary in the light of final calculations. This motion carried unanimously.

**MORROW PLOTS**

On September 12, 1968, the Morrow Plots, an agricultural experiment field located in the middle of the campus of the University of Illinois at Urbana-Champaign, were officially designated a National Historic Landmark. Congressman William L. Springer stated in introducing the remarks made on that occasion in the *Congressional Record* of October 1, 1968: "The Morrow Plots, begun in 1876, were the first field experiment plots established by a college or university in the United States. The lesson they have taught us has a great meaning for the world today. The lesson is that through scientifically proved practices, the productive capacity of an acre of land can be multiplied fourfold. Truly, as stated by Dr. M. B. Russell, the Morrow Plots stand as a symbol of hope that hunger and privation are not the inevitable fate of man."

A bronze plaque from the United States Department of the Interior, National Park Service, will be displayed at the site; and a certificate of registration is on file with the Secretary of the Board of Trustees.

**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.

#### BIENNIAL BUILDING PROGRAM FOR 1969-71

President Henry reported on the recommendations of the Board of Higher Education on the University's Building Program as acted upon on October 1, and pointed out that the Board would wish to take this action into consideration at an early meeting. He noted that the administration would be prepared to recommend that the Board of Trustees accept the reduced levels for capital improvements as recommended by the Board of Higher Education, stating that he would bring a recommendation to the Trustees in November.

#### BIENNIAL OPERATING BUDGET FOR 1969-71 — PART II

(1) In order to facilitate its review of the budget requests for operations during 1969-71, the staff of the Board of Higher Education asked the state universities to submit their proposals in two parts — Part I by October 1 and Part II by November 1, 1968.

The Board of Trustees on September 18, 1968, approved Part I of the University's request, which included increases for the following four categories: Operating Costs of New Buildings, New Programs, Program Improvement and Expansion, Other Specific Items.

The recommendations presented in the following pages present provisional estimates of the increases requested under the remaining six budget categories (Part II). In addition, a summary schedule is included showing the University's entire 1967-69 appropriation for operations and a provisional total budget request for 1969-71.

Certain of the budget figures are provisional since there has not been sufficient time following the close of registration to calculate precisely certain of the values required for use in the budget formulae developed by the staff of the Board of Higher Education. Since the final figures should not differ significantly from those presented in the following document, authorization is requested to amend the report in accordance with the final calculated amounts and to submit them in a consolidated document (including Parts I and II) to the Board of Higher Education on November 1, 1968.

The provisional budget estimates for Part II have been prepared by the Executive Vice President and Provost and the Vice President and Comptroller, in consultation with the chancellors and other administrative officers concerned and in accordance with statutory requirements and the budget formulae developed by the staff of the Board of Higher Education.

I recommend approval of the budget estimates under the conditions outlined above and request authorization to submit them as revised to the Illinois Board of Higher Education on November 1, 1968. This amended document would be filed with the State Department of Finance by November 15, 1968, as required by law, and would be made available to other state agencies involved in budget review.

On motion of Mr. Grimes, the budget and other related recommendations were approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Pogue, Mr. Swain, Mr. Williamson; no, none; absent, Mr. Jones, Mr. Page, Governor Shapiro, Dr. Weatherly.

#### Summary of Biennial Budget Requests for Operations — 1969-71<sup>1</sup>

The table on the following page (Schedule A) presents a summary of all budget increases requested for 1969-71, together with the total budget appropriated by

<sup>1</sup> Since final calculations could not be completed until fall enrollment data were available, provisional figures were submitted and the President was authorized to make revisions. This record includes the revised figures as presented to the Board of Higher Education.

the Seventy-fifth General Assembly for 1967-69 and the corresponding total requested for 1969-71.

The first section of Schedule A shows that the biennial appropriation for 1967-69 was \$267,812,658, of which the sum of \$16,375,000 was provided from University income. The appropriation for 1967-68 was \$127,365,864 and that for 1968-69 was \$140,446,794.

### Schedule A. Biennial Budget Request for Operations, 1969-71

#### A. Budgetary Summary — Seventy-fifth Biennium

	1967-68	1968-69	Total
General Revenue.....	\$119 365 864	\$132 071 794	\$251 437 658
Income Fund.....	8 000 000	8 375 000	16 375 000
<i>Total Seventy-fifth Biennial Appropriation.....</i>	<i>\$127 365 864</i>	<i>\$140 446 794</i>	<i>\$267 812 658</i>

#### B. Add Seventy-sixth Biennium Increases Requested

	<i>Annual Increases</i>		<i>Biennial Total</i>
	1969-70 <sup>1</sup>	1970-71	
1. Adjustments to the Base Budget Continue 1968-69 Level for Full Biennium.....			\$ 13 080 930
2. Statutory Increases Retirement System Contributions.....	\$ 12 904 190	\$ 2 004 780	27 813 160
3. Salary Adjustments.....	8 868 092	9 166 722	26 902 906
4. Increased Enrollments.....	7 280 820	4 693 252	19 254 892
5. Operating Costs of New Buildings.....	1 632 450	1 789 591	5 054 491
6. Price Increases.....	873 425	910 100	2 656 950
7. Refunds.....	216 775	45 750	479 300
8. New Programs a. Instruction.....	1 711 140	935 020	4 357 300
b. Organized Research.....	1 491 800	— 282 800	2 700 800
c. Public Service.....	0	0	0
9. Program Improvement and Expansion a. Instruction.....	941 641	355 624	2 238 906
b. Organized Research.....	296 905	129 700	723 510
c. Extension and Public Service.....	297 342	74 147	668 831
10. Other Specific Items.....	4 793 174	— 744 538	8 841 810
C. Total Increase.....	\$ 41 307 754	\$ 19 077 348	\$114 773 786
D. Add: Prior Year's Budget..... Seventy-fifth Biennial Appropriation.....	140 446 794	181 754 548	267 812 658
E. Total Budget for Seventy-sixth Biennium.....	\$181 754 548	\$200 831 896	\$382 586 444
F. Less: Income Fund for the Two Years.....	12 970 000	14 470 000	27 440 000
G. Budget from General Revenue..	\$168 784 548	\$186 361 896	\$355 146 444
H. Analysis of Increases by Funds Source <sup>2</sup>			
Seventy-sixth Biennium (1969-71).....	\$355 146 444	\$ 27 440 000	\$382 586 444
Seventy-fifth Biennium (1967-69).....	251 437 658	16 375 000	267 812 658
<i>Increases.....</i>	<i>\$103 708 786</i>	<i>\$ 11 065 000</i>	<i>\$114 773 786</i>

<sup>1</sup> Funds required for the first year are doubled in computation of biennial total.

<sup>2</sup> Does not include \$1,694,908 from the Agricultural Premium Fund or rentals to the Illinois Building Authority.

The next section of Schedule A (section B) summarizes the increases requested for 1969-71, which total \$114,773,786. This sum represents an increase of approximately 43 per cent over the budget for 1967-69. The corresponding increase for the current biennium above the budget for 1965-67 was 31 per cent. As will be explained later, the greater relative increase requested for 1969-71 is due mainly to a 1967 statute requiring a much higher appropriation than heretofore for the State Universities Retirement System. If the figures for the Retirement System are omitted from both budgets, the percentage increase is only slightly higher for 1969-71 than for 1967-69 (33 vs. 29 per cent).

It should be noted also that some 83 per cent of the total increase for 1969-71 falls under the first seven categories and that the amounts were determined by state statutes or were calculated by using budget formulae and procedures developed by the staff of the Board of Higher Education and its Budget Formula Committee. Such items constitute almost 36 per cent of the 1967-69 appropriations, thus accounting for most of the increase of 43 per cent requested in the base budget. The "non-formula" items account for the remaining 7.3 per cent of the increase above the present biennium's total appropriation. The request for the latter type of increases two years ago amounted to approximately 6.5 per cent of the preceding biennium's total budget. Thus the University's request for increases in the "flexible" items is approximately the same percentagewise as it was two years ago.

Adding the increases proposed for 1969-71 to the base budget for 1967-69 gives a total of \$382,586,444 as the University's requested biennial appropriation for operations at all three campuses during the coming biennium. Of this total, the sum of \$27,440,000 would be provided from the University's income fund. The latter, it should be noted, is 67.5 per cent higher than the income estimate of \$16,375,000 included in the 1967-69 budget appropriation. The sharp increase in projected income is due primarily to a combination of higher tuition rates and projected increases in enrollment.

#### **Explanation of Increases Calculated in Accordance with Budget Formulae and Related Procedures**

The increases requested in Part II of the University's 1969-71 budget request have been determined, as already noted, in accordance either with statutory requirements or with the formulae and procedures established by the staff of the Board of Higher Education in consultation with its Budget Formula Committee. The detailed calculations underlying the specific amounts shown for these categories are being supplied separately to the staff of the Board of Higher Education.

ADJUSTMENTS TO THE BASE BUDGET.....\$13 080 930

As noted in Schedule A, the General Assembly appropriated the sum of \$267,812,658 to the University of Illinois for the biennium 1967-69. Of this amount, the sum of \$127,365,864 was provided for 1967-68 and \$140,446,794 for 1968-69.

The increase of \$13,080,930 in the second year of the current biennium provided funds for additional enrollment, salary and price adjustments, operation of newly opened buildings, and other increases which did not become effective until 1968-69. The budget base for the 1969-71 biennial appropriations—exclusive of the increases indicated in Schedule A—is therefore twice the amount of the 1968-69 budget of \$140,446,794, or a biennial amount of \$280,893,588. In order to maintain this level of expenditure throughout the 1969-71 biennium—a level approved by the Seventy-fifth General Assembly in appropriating funds for 1968-69—an increase of \$13,080,930 over the 1967-69 biennial appropriation of \$267,812,658 is required, which is the "adjustment to the base budget" listed as item B1 in Schedule A.

STATUTORY INCREASES (RETIREMENT SYSTEM CONTRIBUTIONS).....\$27 813 160

In previous biennia, the General Assembly has appropriated to each state-supported university only the amount estimated to be needed to meet benefits payable by the Retirement System, plus maintenance of a limited reserve. The total has always been substantially less than the actuarial value of current service requirements. The Seventy-fifth General Assembly directed in 1967, in Senate Bill 515, that each university include in its 1969-71 biennial budget an amount sufficient to fund fully current service costs and to provide interest on the un-

funded accrued liability. This total amounts to 12.72 per cent of the salaries of participants in the Retirement System, exclusive of those for whom employer contributions are paid from trust and federal funds. The amounts needed to meet this requirement are \$10,204,015 in 1969-70 plus an additional \$1,720,705 for 1970-71, making a total increase of \$22,128,735 for the biennium.

The Board of the State Universities Retirement System has recommended several changes which will improve benefits under the System, principally: (a) annual increases in pensions of 1.50 per cent per year after retirement; (b) an increase in maximum survivor's benefits from \$250 a month to \$350 a month; (c) an increase in the retirement formula on a sliding scale—with a maximum of 80 per cent of salary at age sixty-six rather than the present 70 per cent. All of these changes are subject to legislative approval. Both the Board of the Retirement System and the staff of the Illinois Board of Higher Education have asked the universities to include funds for these improvements in their budget requests, since the Pension Laws Commission will not ordinarily approve any improvements in benefits unless funds are appropriated to cover the full costs. The sum of \$2,700,175 is requested for this purpose in 1969-70 and an additional \$284,075 for 1970-71, making a biennial total of \$5,684,425 for improvements.

**SALARY ADJUSTMENTS.....\$26 902 906**

The amount requested for salary-rate increases for the biennium 1969-71 has been calculated from formulae developed by the staff of the Board of Higher Education in collaboration with the Budget Formula Committee. The totals generated by the formulae are as follows:

	<i>Annual Increases</i>		<i>Biennial Total</i>
	<i>1969-70</i>	<i>1970-71</i>	
Academic salary increases.....	\$5 123 724	\$5 491 659	\$15 739 107
Nonacademic salary increases.....	3 201 313	3 456 033	9 858 659
Student wage-rate increases.....	218 500	219 030	656 030
Deficiency in 1967-69 prevailing rate funds	324 555		649 110
<i>Total.....</i>	<i>\$8 868 092</i>	<i>\$9 166 722</i>	<i>\$26 902 906</i>

*Academic Salary Increases.* Academic employees include all staff members with teaching, research, extension, and administrative responsibilities whose positions are not classified under the University Civil Service System of Illinois. In determining the amount to be requested for academic salary increases, the University for several biennia has based its estimates of need mainly on comparisons with salaries of the following eight universities: University of California, Cornell University, Indiana University, University of Michigan, University of Minnesota, Northwestern University, Stanford University, and the University of Wisconsin.<sup>1</sup> It is believed that the University of Illinois may appropriately be compared with this group of institutions in terms of the diversity and quality of its programs and faculty—a judgment supported by national surveys of universities.

One objective of the University's salary-increase policy has been to achieve standings at least at the midpoint of the group of these nine institutions (including Illinois), for each of the four regular academic ranks (professor, associate professor, assistant professor, instructor).

In Schedule B on the following page, comparative salary figures are shown for the group of nine institutions for 1966-67 and 1967-68. In addition to cash salaries, "total compensation" averages for 1967-68 are shown—based upon a combination of cash salaries plus fringe benefits. (Such figures are not available for all of these institutions for 1966-67.)

In terms of average cash salaries, the University of Illinois advanced in relative standing for each of the four academic ranks by at least one position, as follows: Professor, from seventh in the group of nine in 1966-67 to sixth in 1967-68; associate professor, from seventh to sixth position; assistant professor, from eighth to fifth position; instructor, from seventh to fifth position.

While these gains are encouraging, their significance is considerably mitigated

<sup>1</sup> The order in which the institutions are listed in Schedule B is not the same as this alphabetical order.

by the fact that the total-compensation rankings (cash and fringe benefits) for 1967-68 show that the University stands considerably lower than when cash salaries alone are compared. Approval of the improved benefits recommended by the State Universities Retirement System Board would help to correct this situation.

Although the University of Illinois has been strongly urged by organized faculty groups to seek funds beyond the budget-formula allowance in order to

**Schedule B. Average Salaries at a Selected Group of Comparable Universities (Nine Months' Service)**

The numbers in parentheses show the rank order of salary averages among the nine universities.

University	Professors			Associate Professors		
	1967-68		1966-67	1967-68		1966-67
	Cash Only	Cash and Fringe Benefits	Cash Only	Cash Only	Cash and Fringe Benefits	Cash Only
A.....	\$18 554 (4)	\$20 966 (4)	\$17 875 (3)	\$12 886 (4)	\$14 561 (4)	\$12 515 (4)
B.....	19 047 (2)	21 161 (2)	18 349 (2)	14 275 (1)	15 860 (1)	12 880 (1)
C.....	19 420 (1)	21 801 (1)	18 354 (1)	13 465 (2)	15 212 (2)	12 777 (2)
D.....	18 808 (3)	20 990 (3)	17 839 (4)	12 850 (5)	14 366 (5)	12 223 (5)
E.....	17 752 (5)	20 120 (5)	17 472 (5)	12 996 (3)	14 800 (3)	12 634 (3)
F.....	17 040 (8)	19 456 (6)	16 147 (8)	12 112 (9)	13 829 (8)	11 537 (8)
G.....	16 978 (9)	19 286 (7)	15 665 (9)	12 458 (7)	14 105 (6)	11 435 (9)
H.....	17 260 (7)	18 739 (9)	16 438 (6)	12 425 (8)	13 555 (9)	11 872 (6)
Illinois....	17 276 (6)	19 064 (8)	16 337 (7)	12 527 (6)	13 836 (7)	11 635 (7)
University	Assistant Professors			Instructors		
	1967-68		1966-67	1967-68		1966-67
	Cash Only	Cash and Fringe Benefits	Cash Only	Cash Only	Cash and Fringe Benefits	Cash Only
A.....	\$ 9 927 (8)	\$11 217 (6)	\$ 9 631 (4)	\$7 729 (7)	\$8 733 (7)	\$7 625 (4)
B.....	11 491 (1)	13 486 (1)	9 752 (3)	8 538 (1)	9 486 (1)	7 529 (6)
C.....	10 767 (2)	12 225 (2)	10 119 (1)	8 245 (2)	9 438 (2)	7 747 (2)
D.....	10 160 (4)	11 379 (5)	9 591 (6)	8 100 (4)	9 088 (4)	7 756 (1)
E.....	10 395 (3)	11 898 (3)	10 074 (2)	7 876 (6)	9 117 (3)	7 291 (8)
F.....	9 976 (7)	11 391 (4)	9 511 (7)	7 694 (8)	8 785 (6)	7 540 (5)
G.....	9 906 (9)	11 193 (8)	9 270 (9)	7 506 (9)	8 484 (9)	6 867 (9)
H.....	10 123 (6)	11 083 (9)	9 601 (5)	8 196 (3)	9 014 (5)	7 661 (3)
Illinois....	10 133 (5)	11 200 (7)	9 456 (8)	7 889 (5)	8 730 (8)	7 452 (7)

improve its comparative salary position, no such increase is being requested for the coming biennium. (Such a request was made for 1967-69 but was not approved by the Board of Higher Education.) Since some gain was made during the first year of the current biennium in terms of cash salaries, and since it is hoped that the increases for 1968-69 will enable the University at least to maintain its 1967-68 standing, it has been decided to limit the 1969-71 request to the budget-formula allowance. Further comparative studies will be made during the coming biennium, with consideration being given both to cash salaries and to total compensation. If justified by such studies, adjustments will be proposed either for changes in the formula or for a supplemental increase.

**Nonacademic Salary Increases.** The budget formula for Civil Service salaries is based on market-movement factors as determined both on a national and on a regional basis. The indices were derived partly from the Bureau of Labor Statistics Wage Survey and from professional and technical indices provided by the Department of Labor. A second factor reflected in the formula has been the objective of a competitive wage base that would reduce wage compression and result in the distribution of employees within ranges on the basis of service and performance. The ultimate distribution would be similar to that for which the General Assembly provided funds to the State Code Departments in 1967.

The nonacademic salary funds in the 1967-69 budget were inadequate to meet increases in classifications covered by the prevailing-wage law. To continue rates already in effect during the current biennium, additional funds in the amount of \$649,110 are needed.

**Student Wage-Rate Increases.** The formula for increases in student wages



**Schedule C. Fall-Term Enrollments for 1967-68 and 1968-69  
and Enrollment Projections for 1969-70 and 1970-71**

	<i>Fresh- man- Sopho- more</i>	<i>Junior- Senior</i>	<i>Profes- sional</i>	<i>Grad- uate I</i>	<i>Grad- uate II</i>	<i>Total</i>
<i>Chicago Circle Campus</i>						
1967-68 (actual).....	7 003	4 324		341	93	11 761
1968-69 (actual).....	7 707	5 786		469	190	14 152
1968-69 (budgeted) <sup>1</sup> .....	9 300	4 658		573	169	14 700
1969-70 (projected).....	7 925	7 275		744	420	16 364
1970-71 (projected).....	8 090	8 535		882	528	18 035
<i>Medical Center Campus</i>						
1967-68 (actual).....			2 312	139	187	2 638
1968-69 (actual).....			2 327	153	200	2 680
1968-69 (budgeted) <sup>1</sup> .....			2 325	124	201	2 650
1969-70 (projected).....			2 508	156	210	2 874
1970-71 (projected).....			2 651	178	224	3 053
<i>Urbana-Champaign Campus</i>						
1967-68 (actual).....	11 500	10 517	896	3 278	4 216	30 407
1968-69 (actual).....	11 856	11 093	853	3 597	4 451	31 850
1968-69 (budgeted) <sup>1</sup> .....	11 000	10 400	845	3 930	4 025	30 200
1969-70 (projected).....	11 900	11 200	860	3 600	4 700	32 260
1970-71 (projected).....	11 900	11 250	875	3 900	4 800	32 725
<i>University Totals</i>						
1967-68 (actual).....	18 503	14 841	3 208	3 758	4 496	44 806
1968-69 (actual).....	19 563	16 879	3 180	4 219	4 841	48 682
1968-69 (budgeted) <sup>1</sup> .....	20 300	15 058	3 170	4 627	4 395	47 550
1969-70 (projected).....	19 825	18 475	3 368	4 500	5 330	51 498
1970-71 (projected).....	19 990	19 785	3 526	4 960	5 552	53 813

would enable the University to meet the higher minimum hourly rates established by the Federal Fair Labor Standards Act.

INCREASED ENROLLMENTS.....\$19 254 892

The levels of enrollment increase projected for the University's three campuses during 1969-71 are shown in Schedule C above. Actual enrollments (head counts) are shown for 1967-68 and 1968-69 for the fall term of each year at each campus. The distribution of enrollments is shown for the following educational levels: freshman-sophomore, junior-senior, professional, graduate I, graduate II. The differential costs related to these levels are recognized in the budget formulae recommended by the staff of the Board of Higher Education for calculating enrollment-increase funds.

Of special significance is the inclusion among these estimates of the funds needed for increases in the enrollment of medical students, as follows: (a) an increase of 20 first-year students at the Medical Center campus in 1969-70, with a corresponding increase in the second-year class in 1970-71; (b) a first-year "pilot" group of 25 medical students at the Urbana-Champaign campus in 1970-71. The latter program would be increased to a first-year medical class of 100 students at the Urbana-Champaign campus as soon as the necessary facilities can be constructed. Thus, the University proposes to begin during 1969-71 the implementation of its participation in the expansion of medical enrollment recommended in *Education in the Health Fields for State of Illinois* — a comprehensive program recently approved by the Board of Higher Education. The combined increase for the two campuses would be 45 by 1970-71, to bring the total first-year medical enrollment to 250. The new organizational arrangements proposed for administering this and subsequent expansion of medical education are described in the last section of this document.

<sup>1</sup> These figures were included in the 1967-69 budget request for operations as estimates of enrollment for 1968-69.

The overall gain for the 1969-71 biennium over the actual enrollment for the current year (1968-69) is as follows, for each of the three campuses and for the University as a whole: Chicago Circle campus, 3,883 (27.4 per cent); Medical Center campus, 373 (13.9 per cent); Urbana-Champaign campus, 875 (2.7 per cent); all campuses, 5,131 (10.5 per cent).

In the case of the Urbana-Champaign campus, such a comparison is misleading, since it tends to obscure the marked "overenrollment" for 1968-69 (i.e., that in excess of the original budget projection). If measured in terms of the latter, the 1970-71 projection of 32,725 students represents a biennial increase of 2,525 (8.4 per cent). The overenrollment for the current fall semester occurred because of the decision to admit a larger number of undergraduates than originally projected, in the expectation that the enrollment of graduate students would be markedly lower this year due to selective-service inductions; but the expected drop in graduate enrollment did not occur.

As already noted, the budget formulae developed by the staff of the Board of Higher Education and its Committee have been used in calculating the amounts requested for increased enrollment. The distribution of funds by the two years of the biennium, and for the three campuses, is as follows:

	<i>Annual Increases</i>		<i>Biennial Total</i>
	<i>1969-70</i>	<i>1970-71</i>	
Chicago Circle campus.....	\$3 497 663	\$2 700 629	\$ 9 695 955
Medical Center campus.....	1 383 171	853 079	3 619 421
Urbana-Champaign campus.....	2 399 986	1 139 544	5 939 516
<i>Total.....</i>	<i>\$7 280 820</i>	<i>\$4 693 252</i>	<i>\$19 254 892</i>

PRICE INCREASES..... \$2 656 950

The United States Department of Commerce's *Survey of Current Business* reports price trends for purchases of goods and services by state and local governments—showing an average annual increase of 4.2 per cent for the period 1966 to 1968. This percentage becomes the formula for price-increase requests for the following biennium. The goods and services purchased by the University, to which the formula applies, include contractual services, commodities, travel, equipment, stationery and printing, workmen's compensation, artificial appliances, and hospital-medical services. (The latter two categories apply to the Division of Services for Crippled Children.) The percentage value 4.2 has been applied to the 1968-69 budget total for these items, giving the increase requested for 1969-70 (\$873,425); and the same percentage value has been applied to the corresponding 1969-70 budget total for these goods and services, to derive the increase requested for 1970-71 (\$910,100).

REFUNDS..... \$479 300

State statutes require that all tuition collected from students be deposited in the state treasury. If a student withdraws or receives a tuition-waiver scholarship, he is entitled to a refund of tuition which must be charged against the appropriation from the Income Fund. With larger enrollments and higher fees, the amount of such refunds will increase. The requested increase in the budget is to provide the funds with which to meet the expected increase in refunds.

#### COUNTY EXTENSION BUDGET FROM AGRICULTURAL PREMIUM FUND

(2) In 1967-69 the General Assembly appropriated the sum of \$1,370,000 from the Agricultural Premium Fund to provide a portion of the salaries of Assistant Farm and Home Advisers and County Extension Secretaries, as well as travel expenses.

After consultation with the appropriate administrative officers, I recommend that the University submit to the Illinois Board of Higher Education and the Department of Finance a biennial budget request of \$1,694,908 from the Agricultural Premium Fund. The budget will provide for salary increases comparable to those recommended for other University personnel, for contributions to the Universities Retirement System, and for increased costs of travel in accordance with the budget formula allowance. The budget represents an increase of \$130,410 in the first year of the biennium and an additional increase

of \$64,088 in the second year. The proposed budget by object classifications will be as follows:

Personal Services.....	\$1 311 019
Contributions to Universities Retirement System.....	160 474
Travel.....	223 415
<i>Total</i> .....	<u>\$1 694 908</u>

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

#### AWARD OF CERTIFIED PUBLIC ACCOUNTANT CERTIFICATES

(3) 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>
IRA MALCOLM LANDIS	Northbrook, Illinois	New Jersey
CHARLES JOSEPH O'DROBINAK, Jr.	Whiting, Indiana	Indiana
ROBERT HENRY PARIS	Inverness, Illinois	Hawaii
GERALD EDWARD SEEGBERS	Glenwood, Illinois	Indiana
ROBERT JOEL WIMER	Lake Forest, Illinois	New York

I concur.

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

#### COLLEGE OF PHYSICAL EDUCATION ADVISORY COMMITTEE, URBANA

(4) The Dean of the College of Physical Education at Urbana recommends the following appointments and reappointments to the Advisory Committee for the College:

##### Appointments

BOURNE, MARGARET A., Supervisor of Girl's Health and Physical Education, Evanston Township High School, Evanston (term expires June 30, 1970)  
JONES, DR. FRANK B., President-elect of the Athletic Institute, Chicago (term expires June 30, 1971)

##### Reappointments (for three-year terms beginning July 1, 1969)

BUEHLER, ARTHUR, Director of Health and Physical Education, Board of Education of Chicago, Chicago  
EVEN, MRS. JOHN T., 1434 Downer Place, Aurora, Past President of Illinois Chapter of American Association of University Women  
GRIFFITH, JOHN, Publisher, *Athletic Journal*, Evanston  
SCHULTZ, ARTHUR, Executive Vice-President, Illinois Association of Park Districts, Springfield

I concur.

On motion of Mr. Williamson, these appointments and reappointments were approved.

#### ADVISORY COMMITTEE FOR THE COLLEGE OF VETERINARY MEDICINE, URBANA

(5) The Dean of the College of Veterinary Medicine recommends the following reappointments to the Advisory Committee of the College beginning September 1, 1968, for the terms indicated:

DR. H. C. MCCUTCHAN, Princeton (term expires August 31, 1969)  
DONALD I. DEAN, Route 3, Champaign (term expires August 31, 1970)

WILLIAM J. KUHFUSS, President, Illinois Agricultural Association, Bloomington (term expires August 31, 1970)

A. B. McCONNELL, Woodstock (term expires August 31, 1970)

DR. JACK DINSMORE, 2400 Waukegan Road, Glenview (term expires August 31, 1971)

DR. C. A. KRAKOWER, Head, Department of Pathology, College of Medicine (term expires August 31, 1971)

I concur.

On motion of Mr. Hughes, these reappointments were approved.

#### HEADSHIP OF DEPARTMENT OF OTOLARYNGOLOGY, MEDICAL CENTER

(6) The Dean of the College of Medicine recommends the appointment of Dr. Albert H. Andrews, Jr., presently Professor of Bronchoesophagology on indefinite tenure, and Acting Head of the Department of Otolaryngology, as Professor of Bronchoesophagology on indefinite tenure, and Head of the Department of Otolaryngology beginning November 1, 1968, at an annual salary of \$28,000 for 80 per cent of full-time service on a twelve months' basis.

Dr. Andrews has been serving as Acting Head of the Department since September 1, 1967.

The nomination was initiated by a search committee<sup>1</sup> and is made after consultation with all members of the Department of the rank of assistant professor and above, and with the approval of the Chancellor at the Medical Center campus, the Acting Dean of the Medical Center Graduate College, and the Executive Vice President and Provost.

I concur.

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

#### APPOINTMENTS TO THE FACULTY

(7) 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. GERSHON BERKSON, Associate Professor of Psychology, beginning September 1, 1968 (A67), on two-thirds time, at an annual salary of \$9,000.
2. LUCILLE V. BRAUN, Assistant Professor of Spanish, beginning September 1, 1968 (4), at an annual salary of \$10,500.
3. JOHN A. CONLEY, Professor of English, beginning September 1, 1968 (P67), on two-thirds time, at an annual salary of \$14,000.
4. DONALD A. EGGERT, Associate Professor of Biological Sciences, beginning September 1, 1968 (A), at an annual salary of \$13,500.
5. RUTH EL SAFFAR, Assistant Professor of Spanish, beginning September 1, 1968 (2), at an annual salary of \$10,500.
6. FREDERICK D. ERICKSON, Assistant Professor of Education, beginning September 1, 1968 (1), at an annual salary of \$11,000.
7. BENNET GREENWALD, Assistant Professor of Architecture, beginning September 1, 1968 (D50), on one-half time, at an annual salary of \$6,000.

<sup>1</sup> Roger A. Harvey, Professor and Head of the Department of Radiology, *Chairman*; Donald J. Caseley, Medical Director, Research and Educational Hospitals, *ex officio*; Ormand C. Julian, Professor of Surgery; Peter C. Kronfeld, Professor and Head of the Department of Ophthalmology (retired August 31, 1968); George E. Miller, Director, Office of Research in Medical Education; A. V. Wolf, Professor and Head of the Department of Physiology.

8. JAMES C. GRIGGS, JR., Director, Educational Assistance Program, and Assistant Professor of Education, beginning September 1, 1968 (DY, 1), at an annual salary of \$20,000.
9. RONALD E. JABLONSKI, Associate Professor of Management, College of Business Administration, beginning January 1, 1969 (A), at an annual salary of \$15,000.
10. KENNETH R. JOHNSON, Assistant Professor of Education, beginning September 1, 1968 (1), at an annual salary of \$11,000.
11. DAVID JORDAN, Assistant Professor of History, beginning September 1, 1968 (1), at an annual salary of \$12,000.
12. MELVIN LEHMAN, Assistant Professor of Systems Engineering, beginning September 1, 1968 (2), at an annual salary of \$11,000.
13. KATHARINE TAYLOR LOESCH, Assistant Professor of Speech, beginning September 1, 1968 (3), at an annual salary of \$10,500.
14. GERTRUDE C. MONTGOMERY, Assistant Professor of Physical Education for Women, beginning September 1, 1968 (1), at an annual salary of \$11,000.
15. ROBERT M. MORIARTY, Professor of Chemistry, beginning September 1, 1968 (A), at an annual salary of \$19,000.
16. YAO-CHUN RICKERT, Assistant Professor of Mathematics, beginning September 1, 1968 (2), at an annual salary of \$9,500.
17. BENDEGUZ B. VARGA, Assistant Professor of Physics, beginning September 1, 1968 (1), at an annual salary of \$11,500.
18. DOROTHY R. YOUNG, Assistant Professor in the Jane Addams Graduate School of Social Work, beginning September 1, 1968 (1), at an annual salary of \$11,000.

#### Medical Center

19. DOROTHY D. CAMILLERI, Assistant Professor of Nursing, beginning September 1, 1968 (D50), on one-half time, at an annual salary of \$5,500.
20. WILLARD S. HARRIS, Associate Professor of Medicine, beginning September 17, 1968 (AY), at an annual salary of \$22,500.
21. HELEN ILENE LANGDON, Assistant Professor of Nursing, beginning August 1, 1968 (1Y), at an annual salary of \$13,000.
22. ROBERT A. LLOYD, Assistant Professor of Physics in Pharmaceutical Chemistry, College of Pharmacy, beginning September 1, 1968 (1), at an annual salary of \$12,000.
23. HANNELORE LOEY, Assistant Professor of Zoology, Department of Pharmacognosy and Pharmacology, College of Pharmacy, beginning September 1, 1968 (3), at an annual salary of \$10,500.
24. SISTER MARY PAUL SMYTH, Assistant Professor of Nursing, beginning September 1, 1968 (1), at an annual salary of \$11,000.
25. NICHOLAS E. TAPP, Assistant Professor of Orthodontics, College of Dentistry, on 30 per cent time, beginning September 1, 1968 (DY30), at an annual salary of \$3,550.

#### Urbana

26. CARL ALLEN BOCK, Assistant Professor of Agriculture Law Extension, Department of Agricultural Economics, beginning September 1, 1968 (1Y), at an annual salary of \$12,000.
27. ROBERT W. BROWN, Director, Program of Community Involvement with rank of Assistant Professor, College of Law, beginning September 1, 1968, at an annual salary of \$12,000.
28. JAMES R. COOPER, Assistant Professor of Finance and of Business Administration, beginning September 1, 1968 (1), at an annual salary of \$13,000.
29. KARL M. DUS, Assistant Professor of Biochemistry in Chemistry and Chemical Engineering, beginning February 1, 1969 (1), at an annual salary of \$13,000.
30. ALAN W. HANEY, Assistant Professor of Botany, beginning September 1, 1968 (1), at an annual salary of \$10,300.
31. YAMUNA KACHRU, Associate Professor of Hindi in Linguistics, in English, and in the Center for Asian Studies, beginning September 1, 1968 (A), at an annual salary of \$11,200.
32. HARRY V. LELAND, Assistant Professor of Environmental Biology, Department of Civil Engineering, beginning November 1, 1968 (1), at an annual salary of \$10,000.

33. JAMES C. McKEOWN, Assistant Professor of Accountancy, beginning September 1, 1968 (1), at an annual salary of \$11,900.
34. CHARLES W. PEZOLDT, Assistant Professor of Recreation and Recreation Specialist, in the Department of Recreation and Park Administration and in County Farm Extension, beginning September 1, 1968 (1Y), at an annual salary of \$15,000.
35. JULIAN RAPPAPORT, Assistant Professor of Psychology, beginning September 1, 1968 (1), at an annual salary of \$10,000.
36. WESLEY D. SEITZ, Assistant Professor of Agricultural Marketing, in Agricultural Economics and in Business Administration, beginning July 15, 1968 (1), at an annual salary of \$15,200.
37. JAMES B. SINCLAIR, Professor of Plant Pathology, beginning September 16, 1968 (FY), at an annual salary of \$19,000.
38. BARBARA SMALLEY, Assistant Professor of Comparative Literature, Department of English, beginning September 1, 1968 (1), at an annual salary of \$9,300.
39. HERBERT J. SPRENGEL, Assistant Professor of General Engineering, beginning September 1, 1968 (1), at an annual salary of \$13,600.
40. GIRDHARI LAL TIKKU, Professor of Near Eastern Languages and Literatures and Associate Director of the Center for Asian Studies, beginning September 1, 1968 (A,D), at an annual salary of \$17,500.
41. JOSEPH D. WOELFEL, Assistant Professor of Sociology and of Rural Sociology, in the Department of Sociology and in the Department of Agricultural Economics, beginning September 1, 1968 (1), at an annual salary of \$13,445.
42. JERROLD ZIFF, Professor of Art, beginning September 1, 1969 (A), at an annual salary of \$20,000.

#### Visiting Staff

43. PAUL BÖCKMANN, Visiting Professor of Germanic Languages and Literatures, Urbana, for the period from September 16, 1968, through December 31, 1968 (G), at a salary of \$10,000.
44. ANN L. BROWN, Visiting Assistant Professor of Psychology, Urbana, on two-thirds time, for the academic year 1968-69 (E67), at a salary of \$6,670.
45. KLAUS PETER JOCHUM, Visiting Assistant Professor of English, Urbana, for the academic year 1968-69 (D), at a salary of \$9,500.
46. KYOZI KAWASAKI, Visiting Associate Professor of Physics, on one-half time, and of Chemistry, on one-half time, Urbana, for the second semester of 1968-69 (D), at a salary of \$6,750.
47. NEIL RIPLEY KER, Visiting Professor of English, Urbana, for the period from September 1, 1968, through February 28, 1969 (G), at a salary of \$12,000.
48. DALE KEITH OSBORNE, Visiting Associate Professor of Economics and of Business Administration, Urbana, beginning September 1, 1968 (D), at an annual salary of \$15,500.
49. MOGENS PRIP-BUUS, Visiting Professor of Architecture, Urbana, for the academic year 1968-69 (E), at a salary of \$13,000.
50. WALTER SALMEN, Visiting Professor of Music, Urbana, for the period from February 1, 1969, through June 15, 1969 (E), at a salary of \$8,150.
51. MARY JANE RAWLINS SCHLINGER, Visiting Assistant Professor of Marketing, College of Business Administration, Chicago Circle, beginning September 1, 1968 (D), at an annual salary of \$12,000.
52. ROGER D. B. THOMSON, Visiting Associate Professor of Slavic Languages and Literatures, Urbana, for the academic year 1968-69 (E), at a salary of \$14,000.
53. EKKEHART TILLMANNS, Visiting Assistant Professor of Geological Sciences, Chicago Circle, beginning September 1, 1968 (D), at an annual salary of \$9,400.
54. WARREN KENT WILSON, Visiting Assistant Professor of Philosophy, Chicago Circle, for the period from March 16, 1969, through June 15, 1969 (E), at a salary of \$3,475.
55. MARILYN PFLEDERER ZIMMERMAN, Visiting Associate Professor of Secondary and Continuing Education and of Music, and Counselor, Council on Teacher Education, for the academic year 1968-69 (E), at a salary of \$13,000.

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

### CHANGES IN STUDENT TUITION

(8) On July 24, 1968, the Board of Trustees approved in principle an increase of \$75 per year in resident tuition and \$100 per year in nonresident tuition effective in the fall of 1969, plus an additional \$100 per year in nonresident tuition effective in the fall of 1970, as proposed by the Illinois Board of Higher Education.

To implement this action, I recommend that the following fee schedule be adopted:

	<i>Annual Amount</i>	<i>Semes- ter</i>	<i>Quar- ter</i>	<i>Eight- Week Term</i>
<i>Illinois Residents Fall 1969</i>				
Range I.....	\$246	\$123	\$ 82	\$ 62
Range II.....	174	87	58	44
Range III.....	102	51	34	26
<i>Nonresidents Fall 1969</i>				
Range I.....	852	426	284	213
Range II.....	600	300	200	150
Range III.....	342	171	114	86
<i>Nonresidents Fall 1970</i>				
Range I.....	954	477	318	239
Range II.....	660	330	220	165
Range III.....	372	186	124	93

The semester rates will be charged at the Urbana-Champaign campus during the two regular semesters. The quarter rates are charged for all terms at the Chicago Circle and the Medical Center campuses, and for any eleven- or twelve-week summer program at the Urbana-Champaign campus. The eight-week-term rates are charged for the regular summer session at the Urbana-Champaign campus.

(Range I is for a full time schedule above ten hours or two and one-half units in a semester or quarter. Range II is above five hours or one and one-fourth units up to and including ten hours or two and one-half units; Range III is above zero up to and including five hours or one and one-fourth units.)

(In order to keep fees in whole dollars and the same at all campuses, the increase may be \$1.00 or \$2.00 a year more than the amount recommended by the Illinois Board of Higher Education. Service fees, which are in addition to tuition, vary somewhat by campus, and are not affected by this recommendation.)

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

### CHANGES IN TUITION FOR CORRESPONDENCE AND EXTRAMURAL INSTRUCTION

(9) In accordance with the anticipated increases in tuition for on-campus study and to compensate for proposed increases in faculty teaching stipend rates for extramural classes, the Dean of the Division of University Extension recommends, with concurrence of the University Committee on Fees, that a standard tuition fee of \$15.00 per semester hour and \$10.00 per quarter hour be assessed for correspondence and extramural credit courses, and that a standard tuition fee of \$15.00 be assessed for each sixteen hours of instruction (equivalent to one semester hour) in noncredit extramural courses.

Currently, visitors in extramural courses pay the same tuition as students registered in the course for credit, except that in cases of multiple credit courses the visitor pays the fee applicable to the lowest credit provided in the course. No change is proposed in this policy.

I concur and recommend that these changes become effective September 1, 1969.

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

### CHANGE IN STUDENT NON-REFUNDABLE CHARGES

(10) In order to compensate for the reduction in allocation to the Service Fee resulting from the increased allocation to the Hospital-Medical-Surgical Fee (effected by the Trustees' action of June 19, 1968), I recommend the following

changes in cases of withdrawal from the University: an increase in the non-refundable charge from \$30.00 to \$36.00 in a semester or twelve-week term, and from \$20.00 to \$26.00 in an eight-week summer session at the Urbana-Champaign campus; and from \$30.00 to \$31.00 in a quarter at the Chicago Circle and Medical Center campuses. The increases correspond to the increases in the Hospital-Medical-Surgical Fee at the respective campuses.

I further recommend that the proposed adjustments become effective no earlier than September, 1969, in order to allow time for public announcement, and that all present assessment and exemption regulations governing the Hospital-Medical-Surgical Fee be retained.

On motion of Mr. Grimes, the recommendations were approved.

#### REAPPROPRIATION OF UNEXPENDED BALANCES AS OF JUNE 30, 1968

(11) The Vice President and Comptroller recommends that the following balances and overdrafts in budget appropriations June 30, 1968, be carried forward for the fiscal year beginning July 1, 1968, in accordance with the usual policy.

I concur.

##### *Urbana-Champaign*

Board of Trustees.....	\$	1 853	
President's Office.....		4 022	
Executive Vice President and Provost.....		6 614	
Vice President and Comptroller.....		1 444	
Vice President's Office.....		350	
Chancellor's Office.....		27 983	
Admissions and Records.....		7 997	
Legal Counsel.....		9 679	
Nonacademic Personnel.....		6 039	
Public Information.....		1 470	
Dean of Students.....		5 825	
Health Service.....		4 673*	
Agriculture.....		1 839*	
Commerce and Business Administration.....		357*	
Education.....		5 554*	
Engineering.....		14 554	
Fine and Applied Arts.....		4 361	
Graduate College.....		12 704	
Journalism and Communications.....		1 466	
Law.....		467*	
Liberal Arts and Sciences.....		13 580*	
Physical Education.....		14 329*	
University Extension.....		3 119	
Veterinary Medicine.....		599	
Armed Forces.....		492	
Institute of Aviation.....		1 058	
Institute of Government and Public Affairs.....		1 006*	
School of Social Work.....		1 350	
Summer Session.....		1 615*	
University Press.....		45 171*	
Library and Library School.....		34 086	
Physical Plant:			
Regular operation and maintenance.....	\$	92 219	
Renewals and replacements.....		387 500	
Special items.....		76 378	556 097
Equipment maintenance, remodeling, renovations, alterations, etc.			
Statistical Service special equipment.....		3 913	
Business Office, Business Manager, special equipment.....		1 650	
Business Office, Auditing, business procedure manual.....		4 000	

\* Deduct.



Admissions and Records special equipment.....	1 046*
Nonacademic Personnel advertising recruiting program.....	14 420
Nonacademic Personnel special equipment typing training.....	2 964
Health Service special equipment.....	3 628
Office of Instructional Resources equipment.....	33 986
Agronomy special equipment, meat trucks	3 919
Agronomy special equipment.....	3 037
Commerce administration special equipment.....	4 000
Education administration special equipment.....	3 245
Education administration computer consulting unit.....	10 346
Elementary Education special equipment	14 081
Aeronautical and Astronautical Engineering Title VI Higher Education...	34 332
Civil Engineering special equipment.....	119 560*
Civil Engineering equipment NSF GY-3301 matching grant.....	18 500
Electrical Engineering NSF GY-3377 matching grant.....	13 125
Mechanical and Industrial Engineering equipment Title VI Higher Education	4 476
Mechanical and Industrial Engineering, NSF GY-3445 matching grant.....	24 801
Architecture special equipment.....	12 746
Art special equipment.....	6 915
Art graphic design laboratory expense...	4 265
Lithography studio equipment and remodeling.....	5 000
Oriental art special materials.....	1 693
Music special equipment.....	1 130*
Band uniforms.....	2 683
Language Laboratory special equipment	2 957
Botany scientific equipment.....	4 387
East Chemistry Building addition equipment.....	2 069
Chemistry equipment NSF 1911 matching grant.....	8 369
Chemistry and Chemical Engineering special equipment.....	55 118
Chemistry equipment NSF 9522 matching grant.....	4 140
Chemistry and Chemical Engineering undergraduate instruction awards....	6 853
Division of General Studies special equipment.....	2 002
Division of General Studies undergraduate instruction awards.....	6 797
Geography summer field camp 1968.....	1 268
Geography equipment and moving.....	3 946
Geology special equipment.....	41 415
Life Sciences special equipment.....	33 246
Psychology undergraduate instruction awards.....	2 956
Zoology special equipment.....	12 343
Physical Education special equipment...	4 704
Rehabilitation purchase of buses.....	19 836

\* Deduct.

Willard Airport water distribution system	13 025
University High School curriculum library equipment . . . . .	7 970
Agricultural administration station	
Wright Street paving . . . . .	2 000
Agriculture Service Building storage platform . . . . .	2 515
Mimeograph building special equipment . .	1 898
Agricultural Engineering special equipment . . . . .	2 209
Soil sample storage building agronomy . .	1 170
Dairy Science minor buildings . . . . .	8 239
Dixon Springs Agricultural Center special equipment . . . . .	3 196
Dixon Springs water system fire prevention . . . . .	1 208
Plant Pathology fire damage building 334	6 000
Veterinary Medicine station pole shed structure . . . . .	4 972
Civil Engineering equipment NSF matching grant . . . . .	3 408
Civil Engineering HMRL equipment replacement . . . . .	3 145
Civil Engineering special equipment . . . .	3 662
Electrical Engineering NSF matching grant . . . . .	3 150
Highway Traffic Center special equipment	1 222
Measurement Program moving and special equipment . . . . .	9 272
Mechanical and Industrial Engineering GY 1362 matching . . . . .	1 476
Mechanical and Industrial Engineering NSF GE 8795 matching . . . . .	1 965
Bureau of Business Management special equipment . . . . .	4 101
Law school lectures academic freedom . .	3 307
Allerton House replacements . . . . .	8 034
Library chemistry library equipment moving . . . . .	3 515
Library special equipment . . . . .	11 479
Library public service special equipment . .	10 244
Nonrecurring unassigned . . . . .	74 536
Armory heating, ventilating, and air conditioning . . . . .	1 213
Architectural studies for future buildings	33 133
Administration Building Statistical Service Unit remodeling . . . . .	8 575
Altgeld Hall air conditioning and remodeling . . . . .	37 039
Agricultural Services Building . . . . .	30 627
Armory remodeling . . . . .	2 468
Biological structure planning . . . . .	1 446*
Bevier Hall remodel electronic microscope laboratory . . . . .	23 643
Burrill Hall equipment control center . . .	24 262
Davenport Hall remodeling . . . . .	8 615
Dairy Science milk handling room . . . . .	8 278
Engineering Hall remodeling . . . . .	3 061
912 S. Fifth Street remodeling . . . . .	1 971
Hott Memorial Center remodeling . . . . .	22 690
Ice Rink remodeling . . . . .	4 500
Illini Hall air conditioning . . . . .	1 923

\* Deduct.

Library remodeling.....	3	457	
Mumford Hall remodel television classroom psychology.....	1	036	
McKinley Hospital remodeling.....	12	871	
McKinley Hospital remodel room 314.....	8	678	
Natural History Building remodeling geology.....	30	915	
Natural History remodeling.....	160	439	
Nursery building construction.....	35	250	
Nuclear Engineering Laboratory remodel measurement program.....	12	425	
Noyes Laboratory remodeling.....	68	632	
1204 W. Nevada Street remodeling.....	1	279	
Personnel Services Building special equipment.....	1	750	
Remodeling and minor additions unassigned.....	12	431	
Smith Music Hall remodeling.....	1	920	
801 S. Wright Street remodeling.....	6	498	
Transportation Building remodeling.....	4	382	
Turner Hall greenhouse.....	48	908	
501 S. Wright Street remodeling.....	2	394	
Colonel Wolfe School remodeling.....	3	738	
Sixty-four items ranging from \$343 overdraft to \$989.....	21	844	\$1 168 712
<i>Total Urbana-Champaign.....</i>			<i>\$1 775 992</i>

*Medical Center*

Executive Vice President and Provost.....	663	
Chancellor's Office.....	5	561
Business Office.....	1	591
Nonacademic Personnel.....	981	
Public Information.....	452	
Illustration Studios.....	3	378*
Medical Research Laboratory.....	102*	
Medicine.....	6	362*
Dentistry.....	2	693*
Pharmacy.....	3	516
Graduate College.....	11	143
Nursing.....	1	446
Physical Education for Men.....	724	
Research Resources Laboratory.....	1	154
Tuberculosis research.....	175*	
Division of Services for Crippled Children.....	346	901
Research and Educational Hospitals.....	41	684
Library.....	394	
Physical Plant:		
Regular operation and maintenance.....	65	324
Renewals and replacements.....	136	547
Special items.....	132	716
Equipment, maintenance, remodeling, renovations, alterations, etc.....	334	587
Chancellor's Office furnishings.....	2	255
Nonacademic Personnel advertising.....	3	867
Illustration Studios:		
Lighting equipment.....	6	128
Video recorder.....	1	260
Television equipment 1968-69.....	6	502
Television equipment.....	1	427
E. I. A. sync. bd. and generator.....	1	900
Photo equipment.....	24	000
Video tape recorder.....	43	000

\* Deduct.

Audio console.....	9 382
Video recorder heads.....	2 900
Vidicon tubes.....	1 470
Line rental.....	7 200
Oscilloscope.....	2 280
Dentistry-Medicine-Pharmacy Building	
install monitors room 311.....	1 910
ID card operation.....	3 000
Medical Research Laboratory equipment	39 806
College of Medicine:	
Committee on Institutional Research..	1 239
Medicine administration brochures...	1 740
Models and demonstration materials...	4 500
Histological materials.....	19 379
Furniture.....	1 080
Skeletons, bones, boxes.....	3 125
Surgery equipment.....	1 106
Pharmacy special equipment.....	5 298
Research and Educational Hospitals:	
Audio page systems.....	50 000
Addressograph plates.....	18 000
Equipment and supplies.....	24 500
Monitoring and recording equipment..	13 121
Dishwashing complex.....	13 899
Laboratory equipment additions.....	22 419
Coulter counter.....	20 000
Cardiovascular surgical equipment....	17 124
Cardiac monitoring equipment.....	1 077
Parasitology laboratory.....	1 300
Electroencephalograph polygraph....	19 575
Replace major items Hospital addition	1 607
Neurosurgical equipment.....	4 975
Renovation of hospital residence and re-	
furnish rooms.....	7 635
Detrex ultrasonic instrument cleaner...	8 900
Replace dual probe system.....	13 750
Isotope equipment.....	36 650
Television x-ray viewer.....	12 285
Replace x-ray tube suspension system..	16 370
Ward special equipment.....	18 291
Chancellor's Office remodel rooms 558 and	
559.....	5 700
Subdivide room 314 old union building....	8 500
Remodel second floor old union building..	49 177
Health Service remodeling and lighting...	3 100
Alumni Office remodel room 302.....	3 850
College of Medicine renovate rooms 130,	
131, and 132.....	22 300
Bathroom facilities room 324 Ortho Build-	
ing.....	2 277
Illinois Eye and Ear Infirmary demolition	17 740
Remodel room 773.....	9 300
Neuropsychiatric Institute remodel south	
wing.....	1 236
Admitting Clinic air condition.....	11 319
Illustration Studios air condition steno-	
graphic service.....	1 916
I. T. V. studios.....	1 112
Library remodel rooms 119 and 133.....	4 670
Physical Environment Building remodel	
basement.....	27 000
806, 810, 816 S. Ashland Avenue demoli-	
tion.....	15 000

Admissions and Records air condition room 111.....	1 032		
College of Medicine:			
Acoustical ceilings rooms 928, 929 Hospital addition.....	1 000		
Shelving south end twelfth floor.....	1 000		
Physiology darkroom modify plumbing	1 000		
Dentistry-Medicine-Pharmacy Building remodel room 124.....	4 900*		
Refurbish cadaver tanks.....	1 920		
Remodel room 726.....	3 900		
Dentistry remodel room 268.....	35 850		
Orthodontic light fixtures.....	3 015		
Dental equipment unit room 962.....	1 927		
Pharmacy administration remodel.....	7 178		
Remodel mail chute.....	1 890		
Research and Educational Hospitals:			
Install fluorescent lights Hospital administration.....	3 100		
Remodel rooms 458 and 460.....	9 800		
Remodel and air condition hospital laboratory.....	15 120		
Remodel rooms 458 and 460.....	1 249		
Air condition rooms 331, 337, 339, and 345.....	1 833		
Air condition room 100.....	2 250		
Air condition dining room.....	3 308		
Remodel storeroom locker space.....	13 479		
Darkroom installation.....	5 385		
Stairwell exit requirements.....	1 758*		
Remodel operating room 4.....	1 000		
Install vacuum inlets room 604, 920 building.....	1 000		
Remodel room 269 general Hospital.....	3 250		
Install auto clave in room 229 hospital addition.....	1 000		
Remodel east wing 920 building.....	1 000		
Install sliding door operating room 4.....	1 000		
Institute for Tuberculosis Research install sink and cabinet.....	1 000		
Illustration Studios:			
Erect partition for instructional television.....	1 000		
Install audio and video lines I.T.V.....	3 450		
One hundred-seventeen items ranging from \$530 overdraft to \$989.....	45 766	869 473	
Total Medical Center.....			1 607 560
<i>Chicago Circle</i>			
President's Office.....		997	
Executive Vice President and Provost.....		297	
Chancellor's Office.....		5 081*	
Business Office.....		5 612	
Legal Counsel.....		122*	
Nonacademic Personnel.....		3 333	
Health Service.....		931	
Office of Public Information.....		730	
Office of Alumni Relations.....		1 625*	
Liberal Arts and Sciences.....		23 293	
Engineering.....		4 876	
Architecture and Art.....		6 491*	
Graduate College.....		1 560	

\* Deduct.

Business Administration.....	9	456*	
Education.....	1	968*	
Physical Education.....	1	772*	
Armed Forces.....		827*	
Social Work.....	1	256*	
Center for Urban Studies.....		838	
Library.....	178	289	
Physical Plant:			
Operation and maintenance.....	175	221	
Renewals and replacements.....	49	333	
Special items.....	18	051	242 605
Duplicating printing equipment.....	24	600	
Chancellor brochure.....	6	300	
Dean of Faculties radiation cons. S.V. C.	1	100	
Matching Illinois 6-0574 instructional re-			
search.....	6	743	
Admissions and records consulting hand-			
book.....	1	500	
Engineering:			
Engineering laboratory equipment.....	13	800	
Energy Engineering laboratory			
equipment.....	20	800	
Matching NSF GY-1402 for Energy			
Engineering.....	22	084	
Matching NSF GY-1722 Information			
Engineering.....	1	212	
Information Engineering laboratory			
equipment.....	29	302	
Computer Center rental tele-			
equipment.....	10	000	
Liberal Arts and Sciences:			
Matching OLEA 251-11.....	2	560	
Geology equipment for Illinois Eye			
and Ear Infirmary.....	11	209	
Psychology equipment for Illinois Eye			
and Ear Infirmary.....	1	330	
Equipment Hull House restoration.....	3	101*	
Howard University book acquisitions....	2	772	
History book acquisitions.....	4	602	
Remodel room 2532 University Hall.....	1	600	
Remodel room 1400 building 628.....	3	300	
Library install partitions.....	3	500	
Twenty-one items ranging from \$2 to			
\$900.....	10	906	176 119
<i>Total Chicago Circle.....</i>			610 882
<i>Grand Total.....</i>			<u>\$3 994 434<sup>1</sup></u>

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

#### CONTRACTS FOR CONSTRUCTION OF LIBRARY AIR CONDITIONING CENTER EXPANSION, URBANA

(12) The President of the University, with the concurrence of the appropriate administrative officers, recommends award of the following contracts, subject to the release of funds, for construction of the Library Air Conditioning Center Expansion, Urbana-Champaign campus, to provide chilled water for the air

\* Deduct.

<sup>1</sup> Includes \$7,300 overdraft in Agricultural Premium Fund on Urbana-Champaign campus.

conditioning of Smith Music Hall and the proposed Foreign Languages Building and Music Building, the award in each case to the low bidder:

General—Skoog Construction Company, Champaign.....	\$179 000
Plumbing—George S. Walker Plumbing & Heating, Inc., Decatur....	13 150
Heating and Air Conditioning—Bellis & Miller, Inc., Champaign.....	391 000
Electrical—Remco Electrical Corporation, Champaign.....	28 419

Funds are available in state capital appropriations to the University for 1967-69 subject to release by the Governor.

Submitted herewith is a report from the Department of Plant and Services, 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. Williamson, these contracts were awarded by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Pogue, Mr. Swain, Mr. Williamson; no, none; absent, Mr. Jones, Mr. Page, Governor Shapiro, Dr. Weatherly.

**TRANSFER OF JURISDICTION OF PROPERTY TO THE ILLINOIS  
BUILDING AUTHORITY FOR CONSTRUCTION OF UTILITIES  
BUILDING ADDITION, CHICAGO CIRCLE**

(13) The Illinois Building Authority has requested the Board of Trustees to transfer jurisdiction of the site of the Utilities Building Addition—Utilities Center Addition—Phase III, Chicago Circle, to the Illinois Building Authority.

The Utilities Building Addition is a project the construction of which the Seventy-fifth General Assembly has declared to be in the public interest and which the Board of Trustees at its meeting on July 26, 1967, requested the Illinois Building Authority to provide for the Chicago Circle campus.

Accordingly, the President of the University, with the concurrence of appropriate administrative officers, requests the adoption of the following resolution to authorize the transfer requested by the Illinois Building Authority.

**Resolution**

WHEREAS, the Seventy-fifth General Assembly of the State of Illinois has declared it to be in the public interest that the Illinois Building Authority construct, on behalf of The Board of Trustees of the University of Illinois, a Utilities Building Addition (Utilities Center Addition) at the Chicago Circle Campus of the University of Illinois in Chicago, Illinois; and

WHEREAS for that purpose it will be necessary for the Illinois Building Authority to acquire jurisdiction of the real estate upon which said building will be located; and

WHEREAS The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois with its principal office in Urbana, Illinois has been requested by the Illinois Building Authority to transfer jurisdiction of said real estate for the construction of said building.

*Now, Therefore, Be It and It Is Hereby Resolved*, by The Board of Trustees of the University of Illinois at its October 16, 1968 meeting, as follows:

That the Comptroller and the Secretary of The Board of Trustees of the University of Illinois be and they are hereby authorized to execute, acknowledge and deliver, in the name and on behalf of this corporation, an instrument of transfer of jurisdiction to the property described in the attached document entitled "Instrument of Transfer" which said form of Instrument of Transfer is, by this reference, incorporated in and made a part of this Resolution.

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

.....  
Date

**Instrument of Transfer**

In accordance with the provisions of "An Act to create the Illinois Building Authority and to define its powers and duties," approved August 15, 1961, as

amended, and Resolution No. 68 IBA 208, adopted on the 30th day of July, 1968 by the Illinois Building Authority, a body corporate and politic of the State of Illinois, created under said mentioned Act, requesting the transfer of the certain described real estate and jurisdiction thereof to the Illinois Building Authority;

*Now, Therefore*, the undersigned The Board of Trustees of the University of Illinois does hereby transfer jurisdiction of the following real estate to the Illinois Building Authority, to wit:

Exhibit "A"

Parcel "A"

A parcel of land in the Southeast  $\frac{1}{4}$  of Section 17, Township 39 North, Range 14 East of the Third Principal Meridian, described as follows:

Commencing at the intersection of the North line of West Roosevelt Road (108 feet wide) and the East line of South Morgan Street (66 feet wide); thence North  $00^{\circ}-00'-28''$  East along East line of said South Morgan Street a distance of 366.70 feet to a point; thence North  $90^{\circ}-00'$  East a distance of 49.45 feet to the point of beginning for said parcel of land; thence continuing North  $90^{\circ}-00'$  East a distance of 25.00 feet; thence South  $00^{\circ}-00'$  West a distance of 82.50 feet; thence South  $90^{\circ}-00'$  West a distance of 25.00 feet; thence North  $00^{\circ}-00'$  East a distance of 82.50 feet to the Point of Beginning, said point being 1044.83 feet West of the East line of the Southeast  $\frac{1}{4}$  of said Section 17, measured perpendicularly to said East line from a point 400.15 feet North of the Southeast corner of the Southeast  $\frac{1}{4}$  of said Section 17.

Parcel "B"

A parcel of land in the Southeast  $\frac{1}{4}$  of Section 17, Township 39 North, Range 14 East of the Third Principal Meridian, described as follows:

Commencing at the intersection of the North line of West Roosevelt Road (108 feet wide) and the East line of South Morgan Street (66 feet wide); thence North  $00^{\circ}-00'-28''$  East along East line of said South Morgan Street a distance of 279.20 feet to a point; thence North  $90^{\circ}-00'$  East a distance of 49.46 feet to the Point of Beginning for said parcel of land; thence continuing North  $90^{\circ}-00'$  East a distance of 20.00 feet; thence South  $00^{\circ}-00'$  West a distance of 3.75 feet; thence North  $90^{\circ}-00'$  East a distance of 4.25 feet; thence South  $00^{\circ}-00'$  West a distance of 6.50 feet; thence South  $90^{\circ}-00'$  West a distance of 4.25 feet; thence South  $00^{\circ}-00'$  West a distance of 25.75 feet; thence South  $90^{\circ}-00'$  West a distance of 20.00 feet; thence North  $00^{\circ}-00'$  East a distance of 5.25 feet; thence South  $90^{\circ}-00'$  West a distance of 4.25 feet; thence North  $00^{\circ}-00'$  East a distance of 6.50 feet; thence North  $90^{\circ}-00'$  East a distance of 4.25 feet; thence North  $00^{\circ}-00'$  East a distance of 24.25 feet to the Point of Beginning, said point being 1044.83 feet West of the East line of the Southeast  $\frac{1}{4}$  of said Section 17, measured perpendicularly to said East line from a point 312.65 feet North of the Southeast corner of the Southeast  $\frac{1}{4}$  of said Section 17.

Parcel "C"

A parcel of land in the Southeast  $\frac{1}{4}$  of Section 17, Township 39 North, Range 14 East of the Third Principal Meridian, described as follows:

Commencing at the intersection of the North line of West Roosevelt Road (108 feet wide) and the West line of South Morgan Street (66 feet wide); thence North  $00^{\circ}-00'-28''$  East along the West line of said Morgan Street a distance of 394.15 feet to a point; thence South  $90^{\circ}-00'$  West a distance of 166.38 feet to the Point of Beginning; thence continuing South  $90^{\circ}-00'$  West a distance of 33.50 feet; thence North  $00^{\circ}-00'$  East a distance of 93.00 feet; thence North  $90^{\circ}-00'$  East a distance of 33.50 feet; thence South  $00^{\circ}-00'$  West a distance of 93.00 feet to the Point of Beginning, said point being 1326.66 feet West of the East line of the Southeast  $\frac{1}{4}$  of said Section 17, measured perpendicularly to said East line from a point 427.63 feet North of the Southeast corner of the Southeast  $\frac{1}{4}$  of said Section 17.

Parcel "D"

A parcel of land in the Southeast  $\frac{1}{4}$  of Section 17, Township 39 North, Range 14 East of the Third Principal Meridian, described as follows:

Commencing at the intersection of the North line of West Roosevelt Road (108 feet wide) and the West line of South Morgan Street (66 feet wide); thence



North 00°-00'-28" East along the West line of said Morgan Street a distance of 394.15 feet to a point; thence South 90°-00' West a distance of 133.38 feet to the Point of Beginning for said parcel of land; thence South 00°-00' West a distance of 75.00 feet; thence South 90°-00' West a distance of 30.00 feet; thence North 00°-00' East a distance of 75.00 feet; thence North 90°-00' East a distance of 30.00 feet to the Point of Beginning, said point being 1293.66 feet West of the East line of the Southeast  $\frac{1}{4}$  of said Section 17, measured perpendicularly to said East line from a point 427.63 feet North of the Southeast corner of the Southeast  $\frac{1}{4}$  of said Section 17.

*Parcel "E"*

A parcel of land in the Southeast  $\frac{1}{4}$  of Section 17, Township 39 North, Range 14 East of the Third Principal Meridian, described as follows:

Commencing at the intersection of the North line West Roosevelt Road (108 feet wide) and the West line of South Morgan Street (66 feet wide); thence North 00°-00'-28" East along the West line of said South Morgan Street a distance of 620.15 feet to a point; thence South 90°-00' West a distance of 41.92 feet to the Point of Beginning for said parcel of land; thence continuing South 90°-00' West a distance of 39.00 feet; thence South 00°-00' West a distance of 5.62 feet; thence South 90°-00' West a distance of 10.75 feet; thence North 00°-00' East a distance of 20.08 feet; thence North 90°-00' East a distance of 10.75 feet; thence North 00°-00' East a distance of 34.29 feet; thence North 90°-00' East a distance of 39.00 feet; thence South 00°-00' West a distance of 48.75 feet to the Point of Beginning, said point being 1202.16 feet West of the East line of the Southeast  $\frac{1}{4}$  of said Section 17, measured perpendicularly to said East line from a point 653.63 feet North of the Southeast corner of the Southeast  $\frac{1}{4}$  of said Section 17.

Being the site upon which the Illinois Building Authority is to construct and complete Utilities Center Addition for the University of Illinois, Chicago Circle Campus, Chicago, Illinois.

*In Witness Whereof*, The Board of Trustees of the University of Illinois a body corporate and politic of the State of Illinois, has caused this instrument to be executed by its \_\_\_\_\_, pursuant to due authorization of its Board of Trustees, and its seal to be hereunto affixed and attested by the Secretary of The Board of Trustees of the University of Illinois, all as of the \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_\_.

This instrument has been executed in several counterparts each of which may be considered as an original.

\_\_\_\_\_  
THE BOARD OF TRUSTEES OF THE  
UNIVERSITY OF ILLINOIS

Attest:

\_\_\_\_\_  
Secretary

(Seal)

I hereby approve the foregoing transfer as being advantageous to the State of Illinois and in the public interest.

Dated \_\_\_\_\_, 19\_\_\_\_\_.

\_\_\_\_\_  
Governor, State of Illinois

Approved as to form and content:

\_\_\_\_\_  
Counsel for The Board of Trustees of  
the University of Illinois

STATE OF ILLINOIS }  
COUNTY OF } SS

**Acknowledgement**

I, \_\_\_\_\_, a Notary Public in and for the  
County and State aforesaid, do here certify that \_\_\_\_\_  
and \_\_\_\_\_, personnally known to me to be the \_\_\_\_\_  
\_\_\_\_\_ and \_\_\_\_\_ of \_\_\_\_\_

....., respectively, whose names are subscribed to the foregoing instrument, personally appeared before me this day and acknowledged that they signed and delivered the said instrument of writing as ..... and ..... respectively, of said Board, pursuant to authority given by "An Act to create the Illinois Building Authority and to define its powers and duties," approved August 15, 1961, as amended (Ill. Rev. Stats. 1967, Chapter 127, Paragraphs 213.1-213.14), as their free and voluntary acts as the free and voluntary act of the ....., for the uses and purposes therein set forth.

Given under my hand and official seal, this ..... day of ....., 19.....

.....  
Notary Public

My Commission Expires .....

### Certification

TO THE ILLINOIS BUILDING AUTHORITY:

This is to certify that an executed counterpart of the attached Instrument of Transfer was filed for record in my office on this date. Recorded in Book ..... on Page ..... Document .....

Dated this ..... day of ....., 19.....

.....  
Recorder of Deeds

..... County, Illinois

### CHANGE IN FINANCING PURCHASE OF EQUIPMENT FOR THE UTILITIES DISTRIBUTION SYSTEM, PHASE III, CHICAGO CIRCLE

(14) The Board of Trustees on May 15, 1968, authorized award of a contract to the Okonite Company, La Grange, Illinois, in the amount of \$79,799.50 for the purchase and delivery of equipment for the Utilities Distribution System, Phase III, Chicago Circle, subject to release by the Governor of funds from state capital appropriations.

The funds have not been released. In the meantime, it is desirable to proceed with the purchase of this equipment, which is necessary for Phase III buildings, Chicago Circle, with the understanding that if the capital appropriations are not released, this contract will be financed from funds appropriated for permanent improvements.

Accordingly, the President of the University, with the concurrence of appropriate administrative officers, recommends that the contract previously awarded to Okonite Company, La Grange, in the amount of \$79,799.50 be funded as outlined above.

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

### AGREEMENT WITH STATE DEPARTMENT OF REGISTRATION AND EDUCATION FOR CONSTRUCTION OF LABORATORY-OFFICE COMPLEX BUILDING, URBANA

(15) The Seventy-fifth General Assembly of the State of Illinois has included in "An Act to declare certain building projects and facilities to be in the public interest" a Laboratory-Office Complex Building for the Department of Registration and Education to be used by the State Geological and State Natural History Surveys. By state law scientific surveys are administered by the Department of Registration and Education and the Board of Natural Resources and Conservation, but are housed in the University of Illinois buildings.

In 1939-40 a new Natural Resources Building was constructed at the University by the state of Illinois for which an appropriation, separate from University appropriations, was made, supplemented by a federal grant. The construction work was directed by the State Department of Public Works and Buildings

(which has charge of all state construction projects except those of the University of Illinois). Once constructed, the building became the property of the University, and the maintenance and servicing have been the University's responsibility. (An agreement was entered into by the Board of Trustees and the Department of Registration and Education which, in addition to other conditions protecting the interests of both parties, provided that the plans, specifications, and contracts were subject to approval by the University. A like agreement was entered into for the Water Resources Building on the Urbana campus which was constructed in 1946-48.)

An agreement has been prepared with regard to the proposed construction and operation of the Laboratory-Office Complex Building which will be constructed by the Illinois Building Authority pursuant to plans and specifications approved by the University. The agreement provides that: the University will transfer jurisdiction of the site to the Illinois Building Authority; the Department of Registration and Education will be responsible for the rental under the lease with the Illinois Building Authority; the University will be responsible for the maintenance and operation of the building; and, upon expiration of the lease period, title to the site and building constructed thereon will be vested in the University.

The agreement has been approved by the Director of the Department of Registration and Education. The University Office of Physical Plant Planning and Construction has been working with the architects employed by the state to provide the architectural services for this building. Schematic drawings and the model have been reviewed and found to be satisfactory by the Office of Physical Plant Planning and Construction and the working drawings are approximately 80 per cent completed.

The President of the University, with the concurrence of appropriate administrative officers, recommends that the Board of Trustees authorize the Comptroller and Secretary of the Board to execute an agreement, as indicated above, with the Department of Registration and Education. It is further recommended that the University Office of Physical Plant Planning and Construction be given authority to review and give final approval to the plans and specifications.

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

**AMENDMENT TO AGREEMENT WITH THE CITY OF URBANA FOR  
WIDENING AND IMPROVING PARTS OF LINCOLN AVENUE, ILLINOIS  
STREET, OREGON STREET, AND GREGORY PLACE, URBANA**

(16) On October 16, 1967, the Board of Trustees authorized the execution of an agreement with the city of Urbana to share in the costs of widening and improving parts of Lincoln Avenue, Illinois Street, Oregon Street, and Gregory Place. In the course of construction it has been determined that additional work is needed which will cost an estimated \$27,000.

Accordingly, the President of the University, with the concurrence of appropriate administrative officers, recommends that the aforementioned agreement with the city of Urbana be amended to provide for this work at an estimated increase in cost of \$27,000.

Funds are available from state capital appropriations to the University for 1967-69 and have been released.

Attached herewith is a memorandum from the Department of Plant and Services, a copy of which is being filed with the Secretary of the Board for record.

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

**INCREASE IN CONTRACT FOR CONSTRUCTION OF ART STUDIO  
AND ART SCULPTURE BUILDINGS, URBANA**

(17) The President of the University, with the concurrence of appropriate administrative officers, recommends an increase of \$16,000 in the contract with Barber & DeAtley, Inc., Urbana, for general work for the construction of the Art Studio and Art Sculpture Buildings, Urbana-Champaign campus.

Funds are available in the project budget for this work.

Submitted herewith is a memorandum from the Department of Plant and Services, a copy of which is being filed with the Secretary of the Board for record.

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

**REQUEST TO THE ILLINOIS BUILDING AUTHORITY FOR  
CONSTRUCTION OF THE LIBRARY FIFTH STACK  
ADDITION, URBANA**

(18) The Illinois Building Authority received bids on October 3, 1968, for the construction of the Library Fifth Stack Addition — Library Building Addition — at the Urbana-Champaign campus. The project is part of the construction for the Urbana campus which the Board of Trustees at its meeting on July 26, 1967, requested the Illinois Building Authority to provide. The plans and specifications of the project comply with the requirements of the Facilities for the Handicapped Act.

The low base bid was submitted by Skoog Construction Company, Champaign, in the amount of \$1,254,000. The low bidder has previously done satisfactory work for the University and is deemed qualified to do this work.

The Authority will finance the construction and lease the facilities to the University. Funds for rental payments are available in state appropriations to the University. Jurisdiction of the land on which the project will be constructed will be transferred to the Authority.

The President of the University, with the concurrence of appropriate administrative officers, recommends that the Board of Trustees request the Illinois Building Authority to award a construction contract for this work to Skoog Construction Company, Champaign, the low base bidder, in the sum of \$1,254,000 and proceed to procure this facility for the use of the University.

The President also recommends that the Comptroller and the Secretary of the Board of Trustees be authorized to make, execute, acknowledge, and deliver such instruments of transfer, conveyance, lease, construction, and other documents as are necessary to provide for the carrying out of the foregoing project and facility by the Illinois Building Authority.

The President further recommends the adoption of the resolutions submitted herewith to implement the official actions required, including authorization of the instruments of transfer of jurisdiction of real estate to the Illinois Building Authority.

Attached herewith is a report of the Physical Plant Planning and Construction Office, including a schedule of the bids received, a copy of which is being filed with the Secretary of the Board for record.

**Resolution**

WHEREAS the Seventy-fifth General Assembly of the State of Illinois has declared it to be in the public interest that the Illinois Building Authority construct, on behalf of The Board of Trustees of the University of Illinois, the Library Fifth Stack Addition (Library Building Addition) at the Urbana Campus of the University of Illinois in Urbana, Illinois; and

WHEREAS for that purpose it will be necessary for the Illinois Building Authority to acquire jurisdiction of the real estate upon which said building will be located; and

WHEREAS The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois with its principal office in Urbana, Illinois has been requested by the Illinois Building Authority to transfer jurisdiction of said real estate for the construction of said building.

*Now, Therefore, Be It and It Is Hereby Resolved*, by The Board of Trustees of the University of Illinois at its October 16, 1968 meeting, as follows:

That the Comptroller and the Secretary of The Board of Trustees of the University of Illinois be and they are hereby authorized to execute, acknowledge and deliver, in the name and on behalf of this corporation, an instrument of transfer of jurisdiction to the property described in the attached document en-

titled "Instrument of Transfer" which said form of Instrument of Transfer is, by this reference, incorporated in and made a part of this Resolution.

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

Date: October 17, 1968  
I.B.A. Project No. 75-16  
Library Fifth Stack Addition  
also known as Library Building Addition  
University of Illinois, Urbana Campus

### Instrument of Transfer

In accordance with the provisions of "An Act to create the Illinois Building Authority and to define its powers and duties," approved August 15, 1961, as amended, and Resolution No. 68 IBA 226, adopted on the 26th day of September, 1968 by the Illinois Building Authority, a body corporate and politic of the state of Illinois, created under said mentioned Act, requesting the transfer of the certain described real estate and jurisdiction thereof to the Illinois Building Authority.

*Now, Therefore*, the undersigned The Board of Trustees of the University of Illinois, a body corporate and politic of the State of Illinois, does hereby transfer jurisdiction of the following real estate to the Illinois Building Authority, to wit: Situated in the State of Illinois, the County of Champaign, and the City of Champaign, in the NE  $\frac{1}{4}$  SW  $\frac{1}{4}$  of Section 18, Township 19 North and Range 9 East of the Third Principal Meridian, and being more fully bounded and described as follows:

Beginning at a point 203.4 feet distant south of, and 175.9 feet distant west of the NE corner of the NE  $\frac{1}{4}$  SW  $\frac{1}{4}$  of said Section 18; thence westerly, a distance of 37.83 feet to a corner; thence southerly, a distance of 115.92 feet to a corner; thence easterly, a distance of 37.83 feet to a corner; thence northerly, a distance of 115.92 feet to the place of beginning, containing 0.10 acres, more or less.

Being the site upon which the Illinois Building Authority is to construct and complete a Library Addition for the University of Illinois at the Champaign-Urbana Campus.

*In Witness Whereof*, The Board of Trustees of the University of Illinois, a body corporate and politic of the State of Illinois, has caused this instrument to be executed by its Comptroller, pursuant to due authorization of its Board of Trustees, and its seal to be hereunto affixed and attested by the Secretary of The Board of Trustees of the University of Illinois, all as of the ..... day of ....., 1968.

This instrument has been executed in several counterparts each of which may be considered as an original.

THE BOARD OF TRUSTEES OF THE  
UNIVERSITY OF ILLINOIS

By.....  
Comptroller

Attest:

.....  
Secretary (Seal)

I hereby approve the foregoing transfer as being advantageous to the State of Illinois and in the public interest.

Dated ....., 19.....

.....  
Governor, State of Illinois

Approved as to form and content:

.....  
For Counsel for The Board of  
Trustees of the University of Illinois

STATE OF ILLINOIS }  
COUNTY OF CHAMPAIGN } SS

### Acknowledgement

I, \_\_\_\_\_, a Notary Public in and for the County and State aforesaid, do hereby certify that H. O. Farber and Earl W. Porter, personally known to me to be the Comptroller and Secretary of The Board of Trustees of the University of Illinois, respectively, whose names are subscribed to the foregoing instrument, personally appeared before me this day and acknowledged that they signed and delivered the said instrument of writing as Comptroller and Secretary respectively, of said Board, pursuant to authority given by "An Act to create the Illinois Building Authority and to define its powers and duties," approved August 15, 1961, as amended (Ill. Rev. Stats. 1967, Chapter 127, Paragraphs 213.14), as their free and voluntary acts as the free and voluntary act of The Board of Trustees of the University of Illinois, for the uses and purposes therein set forth.

Given under my hand and official seal, this \_\_\_\_\_ day of \_\_\_\_\_ A.D., 1968.

\_\_\_\_\_  
Notary Public

My Commission Expires \_\_\_\_\_

### 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 Skoog Construction Company, Champaign, Illinois, a contract for the entire work for the construction of the Library Fifth Stack Addition (Library Building Addition) at the Urbana Campus for the fixed price of \$1,254,000 being the base bid.

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

### REQUEST TO ILLINOIS BUILDING AUTHORITY TO CONTRACT FOR CONSTRUCTION OF THE FREER GYMNASIUM ADDITION, URBANA

(19) On September 10, 1968, the Illinois Building Authority received bids for construction of the Addition to the Freer Gymnasium—Women's Gymnasium Addition—at the Urbana-Champaign campus. The project is part of the construction for the Urbana campus which the Board of Trustees at its meeting on July 26, 1967, requested the Illinois Building Authority to provide. The plans and specifications of this project comply with the requirements of the Facilities for the Handicapped Act. The Authority will finance the construction and lease the facilities to the University. Funds for rental payments are available in state appropriations to the University and from previously announced student fees.

The low base bid was submitted by J. D. P. Associates, Inc., Terre Haute, Indiana, in the amount of \$1,575,000. Proposals were also received from Skoog Construction Company, Champaign; McCarthy Bros. Construction Company, St. Louis, Missouri; and Kuhne-Simmons Co., Inc., Champaign.

The State of Illinois Board of Higher Education has arranged with the Illinois Building Authority that the Authority will not use a portion of the amount declared by the General Assembly to be in the public interest until the State of Illinois Board of Higher Education specifically approves such use. This reserved amount consists of a "cost increase reserve" to be used for the pur-

pose of offsetting cost increases determined by actual bid experience. In accordance with this procedure adopted by the State of Illinois Board of Higher Education at its meeting on October 3, 1967, and in order to complete construction as planned, it is necessary that the University request the State of Illinois Board of Higher Education and the Illinois Building Authority to release the \$116,500 in the "cost increase reserve" for this project.

Assuming the release of the "cost increase reserve" as stated above, the project budget will still be \$592,555 in excess of the amount declared to be in the public interest for this particular project by the Seventy-fifth General Assembly. However, the Act provides that the cost of any specific project may exceed the amount set forth therefor provided that the aggregate amount to be financed by the Illinois Building Authority for each Board is not exceeded. In order to finance this deficit, it will be necessary to request the Illinois Building Authority to allocate to this project an additional \$592,555 from the funds declared to be in the public interest and which are available from amounts not required for the Small Animal Clinic Buildings.

The Authority will finance the construction and will lease the facilities to the University. Jurisdiction of the land upon which the project will be constructed is being transferred to the Authority.

Accordingly, the President of the University, with the concurrence of appropriate administrative officers, recommends:

1. The State of Illinois Board of Higher Education and the Illinois Building Authority be requested to release the \$116,500 "cost increase reserve" to this project.
2. The Illinois Building Authority be requested to allocate an additional \$592,555 to this project from the funds declared to be in the public interest for the Small Animal Clinic Buildings for the use of the Board of Trustees of the University of Illinois.
3. The Board of Trustees request the Illinois Building Authority to award a construction contract for the sum of \$1,575,000 to J. D. P. Associates, Inc., Terre Haute, Indiana, the low base bidder, and proceed to procure this facility for the use of the University.

The President also recommends 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 facility by the Illinois Building Authority.

The President further recommends the adoption of the resolutions submitted herewith to implement the official actions required, including authorization of the instrument of transfer of jurisdiction of real estate to the Illinois Building Authority.

Attached herewith is a report of the Physical Plant Planning and Construction Office, including a schedule of the bids received, a copy of which is being filed with the Secretary of the Board for record.

### Resolution

WHEREAS the Seventy-fifth General Assembly of the State of Illinois has declared it to be in the public interest that the Illinois Building Authority construct, on behalf of The Board of Trustees of the University of Illinois, an Addition to the Freer Gymnasium (Women's Gymnasium) at the Urbana Campus of the University of Illinois in Urbana, Illinois; and

WHEREAS for that purpose it will be necessary for the Illinois Building Authority to acquire jurisdiction of the real estate upon which said building will be located; and

WHEREAS The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois with its principal office in Urbana, Illinois has been requested by the Illinois Building Authority to transfer jurisdiction of said real estate for the construction of said building.

*Now, Therefore, Be It and It Is Hereby Resolved*, by The Board of Trustees of the University of Illinois at its October 16, 1968 meeting, as follows:

That the Comptroller and the Secretary of The Board of Trustees of the University of Illinois be and they are hereby authorized to execute, acknowledge and deliver, in the name and on behalf of this corporation, an instrument of

transfer of jurisdiction to the property described in the attached document entitled "Instrument of Transfer" which said form of Instrument of Transfer is, by this reference, incorporated in and made a part of this Resolution.

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

Date: October 17, 1968  
I.B.A. Project No. 75-18  
Addition to Women's Gymnasium  
University of Illinois, Urbana Campus

### Instrument of Transfer

In accordance with the provisions of "An Act to create the Illinois Building Authority and to define its powers and duties," approved August 15, 1961, as amended, and Resolution No. 68 IBA 155, adopted on the 22nd day of April, 1968 by the Illinois Building Authority, a body corporate and politic of the State of Illinois, created under said mentioned Act, requesting the transfer of the certain described real estate and jurisdiction thereof to the Illinois Building Authority.

*Now, Therefore,* the undersigned The Board of Trustees of the University of Illinois, a body corporate and politic of the State of Illinois, does hereby transfer jurisdiction of the following real estate to the Illinois Building Authority, to wit:

Beginning at a point lying 160.50 feet south and 256.90 feet East of the Northwest Corner of the NE $\frac{1}{4}$ , SE $\frac{1}{4}$ , Section 18, T. 19N., R. 9E, 3rd. Principal Meridian, City of Urbana, Champaign County, Illinois; thence East 104.50 feet to a point; thence North 22.16 feet to a point; thence East 70.67 feet to a point; thence South 102.33 feet to a point; thence West 96.09 feet to a point on the East wall of the existing Women's Gym Building; thence North along said East wall of the existing Women's Gym Building 39.16 feet to a point, being the Northeast Corner of said existing Women's Gym Building; thence West along the North wall of said existing Women's Gym Building a distance of 79.08 feet to a point, being 7.0 feet East of the Northwest Corner of said Building; thence North 41.00 feet to the point of beginning, containing 0.2872 Acres, more or less.

Being the site upon which the Illinois Building Authority is to construct and complete an addition to Women's Gymnasium at the Champaign-Urbana Campus.

*In Witness Whereof,* The Board of Trustees of the University of Illinois, a body corporate and politic of the State of Illinois, has caused this instrument to be executed by its Comptroller, pursuant to due authorization of its Board of Trustees, and its seal to be hereunto affixed and attested by the Secretary of The Board of Trustees of the University of Illinois, all as of the ..... day of ....., 1968.

This instrument has been executed in several counterparts each of which may be considered as an original.

THE BOARD OF TRUSTEES OF THE  
UNIVERSITY OF ILLINOIS

By .....  
Comptroller

Attest:

.....  
Secretary

(Seal)

I hereby approve the foregoing transfer as being advantageous to the State of Illinois and in the public interest.

Dated ....., 19.....

.....  
Governor, State of Illinois

Approved as to form and content:

.....  
For Counsel for the Board of  
Trustees of the University of Illinois



STATE OF ILLINOIS }  
COUNTY OF CHAMPAIGN } SS

### Acknowledgement

I, \_\_\_\_\_, a Notary Public in and for the County and State aforesaid, do hereby certify that H. O. Farber and Earl V. Porter, personally known to me to be the Comptroller and Secretary of The Board of Trustees of the University of Illinois, respectively, whose names are subscribed to the foregoing instrument, personally appeared before me this day and acknowledged that they signed and delivered the said instrument of writing as Comptroller and Secretary respectively, of said Board, pursuant to authority given by "An Act to create the Illinois Building Authority and to define its powers and duties," approved August 15, 1961, as amended (Ill. Rev. Stats. 1967, Chapter 127, Paragraphs 213.14), as their free and voluntary acts as the free and voluntary act of The Board of Trustees of the University of Illinois, for the uses and purposes therein set forth.

Given under my hand and official seal, this \_\_\_\_\_ day of \_\_\_\_\_ A.D., 1968.

\_\_\_\_\_  
Notary Public

My Commission Expires \_\_\_\_\_

### 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 J. D. P. Associates, Inc., Terre Haute, Indiana, a contract for the entire work for the construction of an Addition to the Freer Gymnasium (Women's Gymnasium) at the Urbana Campus for the fixed price of \$1,575,000 being the base bid.

*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. Grimes, the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Pogue, Mr. Swain, Mr. Williamson; no, none; absent, Mr. Jones, Mr. Page, Governor Shapiro, Dr. Weatherly.

### TRANSFER OF JURISDICTION OF PROPERTY TO ILLINOIS BUILDING AUTHORITY FOR CONSTRUCTION OF PHYSICAL EDUCATION BUILDING, CHICAGO CIRCLE

(20) The University has a contract with the city of Chicago for the purchase of approximately seven acres of land on which is to be constructed the Physical Education Building, Chicago Circle campus. Title to and possession of this land will be delivered to the University as soon as the few remaining occupants are relocated.

This project is one which the Board of Trustees requested the Illinois Building Authority to provide in the 1967-69 capital program. The Illinois Building Authority plans to sell bonds in the near future and in order that this project can be included in the projects to be financed by the sale of these bonds, the Authority has requested the Board of Trustees to transfer jurisdiction of the land on which the building will be constructed.

Accordingly, the President of the University, with the concurrence of appropriate administrative officers, recommends that the Comptroller and the Secretary of the Board be authorized to make, execute, acknowledge, and deliver such instruments as are necessary to complete this transfer when title and possession are delivered to the University. Adoption of the resolution submitted herewith is required to implement the above.

### Resolution

WHEREAS, the Seventy-fifth General Assembly of the State of Illinois has declared it to be in the public interest that the Illinois Building Authority construct, on behalf of The Board of Trustees of the University of Illinois, a Physical Education Building at the Chicago Circle campus of the University of Illinois; and

WHEREAS, for that purpose it will be necessary for the Illinois Building Authority to acquire jurisdiction of the real estate upon which said building will be located; and

WHEREAS, The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois with its principal office in Urbana, Illinois, has been requested by the Illinois Building Authority to transfer jurisdiction of said real estate for the construction of said building;

*Now, Therefore, Be It and It Is Hereby Resolved* by The Board of Trustees of the University of Illinois that the Comptroller and the Secretary of the Board of Trustees of the University of Illinois be and they are hereby authorized, as soon as title and possession of the property described in the attached document entitled "Instrument of Transfer" are received from the City of Chicago, to execute, acknowledge, and deliver in the name and on behalf of this corporation an instrument of transfer of jurisdiction to the property described in the attached document entitled "Instrument of Transfer" which said form of instrument of transfer is by this reference incorporated in and made a part of this resolution.

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

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Date

### Instrument of Transfer

In accordance with the provisions of "An Act to create the Illinois Building Authority and to define its powers and duties," approved August 15, 1961, as amended, and Resolution No. 68 IBA 205, adopted on the 30th day of July, 1968 by the Illinois Building Authority, a body corporate and politic of the State of Illinois, created under said mentioned Act, requesting the transfer of the certain described real estate and jurisdiction thereof to the Illinois Building Authority;

*Now, Therefore*, the undersigned The Board of Trustees of the University of Illinois does hereby transfer jurisdiction of the following real estate to the Illinois Building Authority, to wit:

#### Exhibit "A"

A tract of land in the East  $\frac{1}{2}$  of the Northeast  $\frac{1}{4}$  of Section 20, Township 39 North, Range 14 East of the Third Principal Meridian, in Cook County, Illinois, bounded and described as follows:

Commencing at the intersection of the South line of West Roosevelt Road (108 feet wide) and the West line of South Newberry Avenue (66 feet wide); thence South  $0^{\circ}02'40''$  West along the West line of said South Newberry Avenue a distance of 30.01 feet; thence North  $90^{\circ}$  West a distance of 167.12 feet to the point of beginning for said tract of land; thence South  $0^{\circ}$  East a distance of 200.416 feet; thence North  $90^{\circ}$  West a distance of 42.666 feet, thence North  $0^{\circ}$  West a distance of 16.916 feet; thence North  $90^{\circ}$  West a distance of 9.166 feet; thence South  $0^{\circ}$  East a distance of 8.729 feet; thence South  $45^{\circ}$  West a distance of 19.122 feet; thence North  $90^{\circ}$  West a distance of 102.038 feet; thence North  $45^{\circ}$  West a distance of 19.122 feet; thence North  $0^{\circ}$  West a distance of 15.812 feet; thence North  $90^{\circ}$  West a distance of 2.000 feet; thence South  $45^{\circ}$  West a distance of 3.889 feet; thence North  $90^{\circ}$  West a distance of 6.166 feet; thence North  $45^{\circ}$  West a distance of 3.889 feet; thence North  $90^{\circ}$  West a distance of 16.000 feet; thence South  $45^{\circ}$  West a distance of 3.889 feet; thence North  $90^{\circ}$  West a distance of 6.166 feet; thence North  $45^{\circ}$  West a distance of 3.889 feet; thence North  $90^{\circ}$  West a distance of 2.000 feet; thence South  $0^{\circ}$  East a distance of 15.812 feet; thence South  $45^{\circ}$  West a distance of 19.122 feet; thence North

90° West a distance of 162.958 feet; thence North 45° West a distance of 19.122 feet; thence North 0° West a distance of 8.729 feet; thence North 90° West a distance of 14.833 feet; thence South 0° East a distance of 17.000 feet; thence North 90° West a distance of 101.500 feet; thence North 0° West a distance of 139.080 feet; thence South 90° East a distance of 7.166 feet; thence North 0° West a distance of 6.614 feet; thence North 45° West a distance of 10.134 feet; thence North 0° West a distance of 47.718 feet; thence South 90° East a distance of 101.500 feet; thence South 0° East a distance of 17.000 feet; thence South 90° East a distance of 14.833 feet; thence North 0° West a distance of 8.729 feet; thence North 45° East a distance of 19.122 feet; thence South 90° East a distance of 162.958 feet; thence South 45° East a distance of 19.122 feet; thence South 0° East a distance of 15.812 feet; thence South 90° East a distance of 2.000 feet; thence North 45° East a distance of 3.889 feet; thence South 90° East a distance of 6.166 feet; thence South 45° East a distance of 3.889 feet; thence South 90° East a distance of 16.000 feet; thence North 45° East a distance of 3.889 feet; thence South 90° East a distance of 6.166 feet; thence South 45° East a distance of 3.889 feet; thence South 90° East a distance of 2.000 feet; thence North 0° West a distance of 15.812 feet; thence North 45° East a distance of 19.122 feet; thence South 90° East a distance of 102.038 feet; thence South 45° East a distance of 19.122 feet; thence South 0° East a distance of 8.729 feet; thence South 90° East a distance of 9.166 feet; thence North 0° West a distance of 16.916 feet; thence South 90° East a distance of 42.666 feet to the point of beginning.

Being the site upon which the Illinois Building Authority is to construct and complete Physical Education Building for the University of Illinois at the Chicago Circle Campus.

*In Witness Whereof*, The Board of Trustees of the University of Illinois a body corporate and politic of the State of Illinois, has caused this instrument to be executed by its Comptroller, pursuant to due authorization of its Board of Trustees, and its seal to be hereunto affixed and attested by the Secretary of The Board of Trustees of the University of Illinois, all as of the ..... day of ....., 19.....

This instrument has been executed in several counterparts each of which may be considered as an original.

THE BOARD OF TRUSTEES OF THE  
UNIVERSITY OF ILLINOIS

By.....  
Comptroller

Attest:

.....  
Secretary

(Seal)

I hereby approve the foregoing transfer as being advantageous to the State of Illinois and in the public interest.

Dated ....., 19.....

.....  
Governor, State of Illinois

Approved as to form and content:

.....  
Counsel for The Board of Trustees  
of the University of Illinois

STATE OF ILLINOIS }  
COUNTY OF CHAMPAIGN } SS

#### Acknowledgement

I, ....., a Notary Public in and for the  
County and State aforesaid, do hereby certify that .....  
and ....., personally known to me to be the .....  
and ..... of .....  
....., respectively, whose names are sub-

scribed to the foregoing instrument, personally appeared before me this day and acknowledged that they signed and delivered the said instrument of writing as \_\_\_\_\_ and \_\_\_\_\_ respectively, of said Board, pursuant to authority given by "An Act to create the Illinois Building Authority and to define its powers and duties," approved August 15, 1961, as amended (Ill. Rev. Stats. 1967, Chapter 127, Paragraphs 213.1-213.14), as their free and voluntary acts as the free and voluntary act of the \_\_\_\_\_, for the uses and purposes therein set forth.

Given under my hand and official seal, this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_\_.

\_\_\_\_\_  
Notary Public

My Commission Expires \_\_\_\_\_

### Certification

TO THE ILLINOIS BUILDING AUTHORITY :

This is to certify that an executed counterpart of the attached Instrument of Transfer was filed for record in my office on this date. Recorded in Book \_\_\_\_\_ on Page \_\_\_\_\_ Document \_\_\_\_\_.

Dated this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_\_.

\_\_\_\_\_  
Recorder of Deeds

\_\_\_\_\_  
County, Illinois

### REQUEST TO ILLINOIS BUILDING AUTHORITY FOR CONSTRUCTION OF PHYSICAL EDUCATION BUILDING, CHICAGO CIRCLE

(21) The Illinois Building Authority received bids on October 8, 1968, for the construction of the Physical Education Building at the Chicago Circle campus. This project is part of the construction for the Chicago Circle campus which the Board of Trustees at its meeting on July 26, 1967, requested the Illinois Building Authority to provide. The plans and specifications of this project comply with the requirements of the Facilities for the Handicapped Act.

The low bid was submitted by S. N. Nielsen Company, Chicago, in the amount of \$5,954,000, it being the amount of the low base bid—\$5,963,000—less deductive alternate 1—\$9,000. Bids were also received from six other firms.

The Authority will finance the construction and lease the facilities to the University. Funds for rental payments are available in state appropriations to the University. Jurisdiction of the land on which the project will be constructed will be transferred to the Authority.

The President of the University, with the concurrence of appropriate administrative officers, recommends that the Board of Trustees request the Illinois Building Authority to award a construction contract to S. N. Nielsen Company, Chicago, in the amount of \$5,954,000, being the low base bid less deductive alternate 1, and proceed to procure this facility for the use of the University.

The President also recommends that the Comptroller and the Secretary of the Board of Trustees be authorized to make, execute, acknowledge, and deliver such instruments of transfer, conveyance, lease, construction, and other documents as are necessary to provide for the carrying out of the foregoing project and facility by the Illinois Building Authority.

The President further recommends the adoption of the resolution submitted herewith to implement the official actions required.

Attached herewith is a report of the Physical Plant Planning and Construction Office, including a schedule of the bids received, a copy of which is being filed with the Secretary of the Board for record.

### 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 S. N. Nielsen Company, Chicago, Illinois, a contract for the entire construction of the Physical Education Building at the Chicago Circle Campus for the fixed price of \$5,954,000, being the base bid, less deductive alternate 1.

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

#### PURCHASES

(22) The President submitted, with his concurrence, a list of purchases recommended by the Directors of Purchases and the Vice President and Comptroller; also a purchase authorized by the President.

The list of purchases was presented in two categories: purchases from appropriated funds (i.e., from state appropriations to the University) and purchases from institutional funds. The latter term designates funds received by the University under contracts with the United States government, contracts with private corporations and other organizations, funds from foundation grants, and grants from corporations and other donors, and University revolving funds authorized by law.

The total amounts of these purchases were:

##### *From Appropriated Funds*

Recommended..... \$423 622 24

##### *From Institutional Funds*

Authorized..... 8 037 50

Recommended..... 438 457 68

*Grand Total* ..... \$870 117 42

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

On motion of Mr. Hughes, the purchase authorized by the President was approved, and the purchases recommended were authorized.

#### COMPTROLLER'S REPORT OF PURCHASES APPROVED

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

This report was received for record.

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

(24) 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>
State of Illinois, Secretary of State and Illinois State Library	Library career recruitment project	\$ 22 955
United States Air Force F-19628-69-C-0015	Research studies in electromagnetic boundary value problems and inverse scattering theory	16 979

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
United States Army DAHC04-69-C-0007	Theoretical problems in solid state and low temperature physics	\$ 50 321
United States Department of Commerce, National Bureau of Standards CST-447	Preparation of portions of a book on fallout shielding fundamentals	44 375
United States Department of Health, Education, and Welfare OEG-0-9-232030-0762	Application of operant principles to the special education of mentally retarded and emotionally disturbed children	167 497
United States Navy N62269-69-C-0013	Parameters of plasma discharge displays	24 984
<i>Total</i>		<u>\$327 111</u>

**Change Orders**

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
United States Air Force: F 33615-67-C1190 AF19(628)5167	Behavior of highly damped structure Broadband isotropic antenna system	\$ 21 009 48 951
United States Army Defense Atomic Support Agency DA-49-146-XZ-218	Analysis and correlation of experimental results of operation "Pile Driver"	7 000
United States Atomic Energy Commission AT(11-1)-1628	Studies on immunologic recognition and immunologic memory	20 078
United States Department of Health, Education, and Welfare OEG1-7-07031-3895	Internships for developing leaders in the art of communication	59 406
United States Navy Nobs-94307	Fatigue testing of Hy-So specimens and models in an effort to predict fatigue in submarine hull structure	12 500
<i>Total</i>		<u>\$168 944</u>

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>
Barber & DeAtley, Inc.	Cost-plus contracts: Dairy Experimental Round Barns East Chemistry Building Electrical Engineering Research Laboratory Hott Memorial Center, Monticello Men's Old Gymnasium Annex	\$ 8 000 8 900 12 000 19 100 10 658
Cool-Rite Mechanical Contractor's, Inc.	Cost-plus contracts: piping	7 868
Emric Electric, Inc.	Cost-plus contracts: electrical	13 200
Fries Walters Co.	Cost-plus contracts: electrical	5 850
George S. Grimmett & Co.	Cost-plus contract: plastering	5 000
Sargent & Lundy	Engineering services	10 000
Simpson Construction Co.	Cost-plus contracts: general	23 000
	Medical Sciences addition Illinois Neuropsychiatric Institute Building (950)	9 650 5 898
Thomas Plumbing & Heating	Cost-plus contracts: plumbing	9 457
<i>Total</i>		<u>\$148 581</u>

**Summary**

Amount to be paid to the University.....	\$496 055
Amount to be paid by the University.....	148 581

This report was received for record.

# **INVESTMENT REPORT** **For the Month of August, 1968**

## **Report of the Finance Committee**

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

### *Duke*

Purchase:

\$15 000 U.S. Treasury bills due 2/13/69..... \$14 607 79

### *Goldberg*

Purchase:

\$2 000 Walter E. Heller demand notes..... 2 000 00

### *Pool*

Purchase:

\$50 000 CIT Financial Corporation demand notes..... 50 000 00

### *Rust*

Sale:

\$47 000 Commercial Credit demand notes..... 47 000 00

Purchase:

\$73 000 U.S. Treasury bills due 6/30/69..... 69 806 25

## **Report of the Comptroller**

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

### *Current Funds*

#### *Ford Foundation — General Engineering*

Sale:

\$17 000 U.S. Treasury bills due 6/30/69..... \$ 16 246 01

Purchase:

\$26 000 U.S. Treasury bills due 6/30/69..... 24 870 00

#### *Ford Foundation — International Programs*

Purchase:

\$134 000 U.S. Treasury bills due 2/13/69..... 130 422 53

#### *Star Course Agency*

Purchase:

\$20 000 U.S. Treasury bills due 5/31/69..... 19 220 69

### *Construction Funds*

#### *Executive Development Center*

Purchase:

\$12 000 U.S. Treasury 5½ per cent notes due 8/15/74..... 11 954 40

#### *Orchard Apartments*

Sale:

\$120 000 U.S. Treasury bills due 11/30/68..... 117 839 47

Purchase:

\$140 000 U.S. Treasury bills due 1/30/69..... 136 622 89

### *Sinking Funds*

#### *Assembly Hall*

Purchase:

\$9 000 U.S. Treasury 4 per cent bonds due 2/15/70..... 8 856 56

#### *Housing Revenue Bonds*

Purchases:

\$1 444 000 U.S. Treasury bills due 9/19/68..... 1 437 331 52

123 000 U.S. Treasury 4 per cent bonds due 2/15/70..... 120 961 88

*Illini Union and Health Center*

## Purchases:

\$336 000 U.S. Treasury bills due 9/19/68.....	\$	334 557 07
190 000 U.S. Treasury 4 per cent bonds due 8/15/73.....		179 668 75

*Men's Residence Halls of 1957*

## Purchase:

\$286 000 U.S. Treasury bills due 9/19/68.....		284 854 81
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*Revenue Bonds of 1956*

## Purchases:

\$43 000 U.S. Treasury bills due 9/19/68.....		42 801 42
5 000 U.S. Treasury bills due 3/24/69.....		4 846 83

*Student Services Building*

## Purchase:

\$96 000 U.S. Treasury bills due 9/19/68.....		95 615 60
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*Women's Residence Halls*

## Purchase:

\$208 000 U.S. Treasury bills due 9/19/68.....		207 039 44
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This report was received for record.

**DEGREES CONFERRED**

The Secretary presented for record the following list of degrees conferred on candidates at the Urbana-Champaign campus on October 15, 1968.

**Summary**

Graduate College	
Doctor of Philosophy.....	238
Doctor of Education.....	27
Doctor of Musical Arts.....	2
Master of Arts.....	36
Master of Science.....	86
Master of Music.....	3
Master of Education.....	11
Master of Television.....	1
Master of Accounting Science.....	1
Master of Comparative Law.....	2
Master of Urban Planning.....	1
Advanced Certificate.....	2
<i>Total, Graduate College.....</i>	<i>(410)</i>
College of Agriculture	
Bachelor of Science.....	6
College of Engineering	
Bachelor of Science.....	3
College of Liberal Arts and Sciences	
Bachelor of Arts.....	18
Bachelor of Science.....	6
<i>Total, College of Liberal Arts and Sciences.....</i>	<i>(24)</i>
College of Law	
Juris Doctor.....	2
College of Education	
Bachelor of Science.....	4
College of Commerce and Business Administration	
Bachelor of Science.....	9
College of Fine and Applied Arts	
Bachelor of Architecture.....	1
Bachelor of Fine Arts.....	2
<i>Total, College of Fine and Applied Arts.....</i>	<i>(3)</i>
College of Physical Education	
Bachelor of Science.....	4
College of Veterinary Medicine	
Bachelor of Science.....	1
<i>Total, Degrees Conferred at Urbana-Champaign.....</i>	<i>466</i>



**GRADUATE COLLEGE****Degree of Doctor of Philosophy***In Accountancy*

- PHILIP YUEN-KO FU, Dipl., Chung Chi College, 1957; M.S., Brigham Young University, 1962  
 LEROY FRANCIS IMDIEKE, B.S., Valley City State College (North Dakota), 1953; M.A., University of North Dakota, 1957  
 ALLAN SEYMOUR ROSENBAUM, B.S., University of Colorado, 1962; M.A.S., 1963  
 EPHRAIM PHILIP SMITH, B.S., Providence College, 1964; M.S., University of Massachusetts, 1965  
 JERRY JOSEPH WEYGANDT, B.S., M.A.S., 1964, 1965

*In Aeronautical and Astronautical Engineering*

- JAMES LLEWELLYN MYERS, JR., B.S., Pennsylvania State University, 1960; M.S., 1963  
 BERNARD MATTHEW SINDERMAN, B.S., M.S., 1964, 1966

*In Agricultural Economics*

- ISMAIL TAWFIQ EL-ZABRI, A.B., M.S., 1962, 1966  
 JOHN RODNEY LEMON, A.B., Monmouth College, 1964; M.S., 1967  
 JOSEPH VICTOR LEUNIS, Com.Engr., Catholic University of Louvain, 1962; M.S., 1965  
 JANAK SINGH SHARMA, M.S., Agra University, 1960  
 ALLEN GLEN SMITH, B.S., M.S., 1943, 1966

*In Agricultural Engineering*

- WILLIAM EDWARD LARSEN, B.Sc.Agr.Eng., University of Nebraska, 1950; M.M.E., University of Delaware, 1957  
 RAM AYTAR RASTOGI, M.Tech., Indian Institute of Technology (Kharagpur), 1963

*In Agronomy*

- MICHEL CESCAS, B.Sc., Laval University (Canada), 1960; M.S., 1965  
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 STEPHEN WILLIAM DUMFORD, B.Sc.Agr., M.Sc., Ohio State University, 1963, 1965  
 GARY LEE EILRICH, B.S., M.S., Kansas State University, 1962, 1964  
 DALIP SINGH MALIK, B.Sc.Ag.(Hons.), University of Delhi, 1952; M.Sc., Vikram University, 1959; M.S., 1962  
 KENNETH NELS PAULSON, B.S., University of California (Davis), 1964; M.S., 1966

*In Animal Science*

- MULCHAND SHAMBHUBHAI PATEL, M.Sc., Maharaja Sayajirao University of Baroda, 1964

*In Astronomy*

- JOSEPH WILLIAM ERKES, B.S., St. Joseph's College (Pennsylvania), 1963; M.S., 1965

*In Biology*

- DONALD ROBERT MILLS, A.B., M.A., Indiana University, 1962, 1964

*In Biophysics*

- THEODORE BERNARD HOEKMAN, A.B., Hope College, 1962  
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*In Botany*

- ROBERT LLOYD ARTEMAN, B.S., Illinois State University, 1961; M.S., 1964  
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 GERARD MICHAEL COURTIN, B.Sc., University of New Brunswick, 1962; M.S., 1968  
 RICHARD HARRY JAGELS, B.S., M.S., Syracuse University, 1962, 1965  
 RICHARD TATSUO KURAMOTO, B.A., University of Hawaii, 1963; M.S., University of British Columbia, 1965

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*In Business*

CAMERON CARLEY, B.S., 1951; M.B.A., Northwestern University, 1954

*In Ceramic Engineering*

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*In Chemical Engineering*

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WILLIAM SEELY BRADSHAW, A.B., Harvard College, 1963  
JOSEPH HARRIS CARNEY, B.A., Vanderbilt University, 1963; M.S., 1965  
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RICHARD JAMES DOUTHART, B.S., Little Rock University, 1961  
RONALD JOHN FITZGERALD, B.Chem., University of Minnesota, 1964  
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LINDA CLINE GAHAN, B.S., Bucknell University, 1964; M.S., 1966  
DAVID MARTIN GASS, A.B., Harvard College, 1963  
DAVID JAMES WONG GOON, B.Chem., University of Minnesota, 1964; M.S., 1966  
THOMAS RAYMOND HERRIN, B.S., University of Wisconsin, 1964  
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MARWIN KING KEMP, B.S., University of Arkansas, 1964; M.S., 1965  
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JEREMY ANDREW KLAINER, S.B., Massachusetts Institute of Technology, 1963; M.B.A., 1967  
GERALD FRANKLIN KOSER, B.Sc., Ohio State University, 1964; M.S., 1966  
ARTHUR LONNE LANE, A.B., Harvard College, 1961; M.S., 1963  
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JAMES TRAVIS LEE, JR., B.A., University of Texas, 1964; M.S., 1966  
WEN-HUI LEE, B.S., National Taiwan University, 1962; M.S., 1965  
MARY KUN-YEE LEUNG, B.S., Belmont Abbey College, 1963; M.S., 1965  
HARLAN LEE LEWIS, B.S., M.S., University of Toledo, 1959, 1963  
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LAWRENCE LEE MURRELL, Mineral Eng.Chem., Colorado School of Mines, 1964  
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PRINCE RIVERS, B.S., M.A., Fisk University, 1957, 1959  
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*In Civil Engineering*

JAMES MAXWELL FISHER, B.S., University of Wisconsin, 1962; M.S., 1965  
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 DALE DEAN MEREDITH, B.S., M.S., 1963, 1964  
 TRIYUGI PRASAD, B.Sc.(Hons.), Patna University, 1960  
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*In Communications*

EMMA AUER, B.S., 1935; M.S., Washington University, 1957  
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 JAMES EDWARD MARTIN, B.S., 1962

*In Comparative Literature*

BARBARA MARTIN SMALLEY, B.S., Indiana University, 1954; A.M., 1963

*In Dairy Science*

DILEEP SINGH SACHAN, B.V.Sc., M.V.Sc., University of Jabalpur, 1961, 1963;  
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*In Economics*

SHIH-FAN CHU, B.A., National Taiwan University, 1955; M.S., 1965  
 EDWIN PAUL MAMPE, JR., A.B., Lafayette College, 1963; A.M., 1965  
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*In Education*

PETER ANTHONY BALDINO, JR., B.S., M.S., University of Bridgeport, 1955, 1956  
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 JAMES FRANCIS RIEGERT, S.T.L., S.T.D., Catholic University of America, 1954, 1962  
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*In Electrical Engineering*

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*In English*

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PATRICK MARTIN GEOGHEGAN, A.B., Boston University, 1960; A.M., 1962  
CLAUDE MICHAEL LIGHTNER, B.A., University of Wyoming, 1957; A.M., University of Chicago, 1959  
LYNETTE FAY McGRATH, A.B., A.M., 1960, 1961  
NANCY ANN NEWELL MOORE, B.A., Lake Forest College, 1961; M.A., Northwestern University, 1963  
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*In Finance*

- AHMED WAFIK ABD EL-SALAM, B.Com., Ein Shams University, 1958; M.B.A., Northwestern University, 1963  
HUSSEIN HASSAN ELSAID, B.Com., Cairo University, 1959; M.B.A., Northwestern University, 1963

*In Food Science*

- MICHAEL FLOYD CAMPBELL, B.S., M.S., 1964, 1966  
ANTHONY JOSEPH CUTALA, B.S., M.S., 1961, 1964  
CARL YOU WONG, B.A., University of Washington, 1960

*In French*

- MADELEINE EUGENIE JULIENNE BETTS, B.A., M.A., University of Ottawa (Canada), 1961, 1963  
LOUISA ETHELWYN JONES, B.A., Dalhousie University, 1963; M.A., University of Alberta, 1966

*In Geography*

- JAY REGINALD HARMAN, B.S., M.S., Illinois State University, 1963, 1964  
RONALD ALLAN LARSON, A.B., Ohio University, 1960; A.M., 1962

*In Geology*

- JOHN CORBETT HORNE, A.B., Brown University, 1963; M.S., 1965

*In German*

- HEINZ JOACHIM DILL, B.A., M.A., University of British Columbia, 1961, 1963  
PETER KLAUS JANSEN, A.M., 1958

*In History*

- FRANK ALAN COOMBS, A.B., University of Kansas, 1960; A.M., 1964  
CHARLES LOUIS DE BENEDETTI, B.S., Loyola University (Illinois), 1964; A.M., 1965  
PHILLIP SHAW PALUDAN, A.B., M.A., Occidental College, 1960, 1963  
WILLIAM EUGENE PULLIAM, B.S., University of Kansas, 1955; A.M., 1965  
ARMSTRONG MARION STARKEY III, B.A., Hiram College, 1960; A.M., 1962  
MARLIN TIMOTHY TUCKER, B.A., David Lipscomb College, 1963; A.M., 1964

*In Linguistics*

- SEIICHI MAKINO, B.A., M.A., Waseda University, 1958, 1960; B.A., M.A., University of Tokyo, 1962, 1964

*In Marketing*

- HERBERT LOCKHART LYON, B.B.A., Memphis State University, 1960; M.S., 1966

*In Mathematics*

- KENNETH ALAN BOWEN, B.S., M.S., 1963, 1965

BURGESS JAMES DAVIS, B.Sc., Ohio State University, 1965; M.S., 1966  
 JAMES DELBERT DAVIS, B.A., New York University, 1961; A.M., 1965  
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 MARJORIE ANN MORETZ, B.S., M.S., 1961, 1963  
 RAMAN NARAYANA PILLAI, M.S., University of Kerala (India), 1956  
 WILLIAM THEODORE STOUT, JR., B.S., Southwest Missouri State College, 1961; M.S., 1963  
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*In Mechanical Engineering*

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*In Metallurgical Engineering*

HUA-CHING TONG, B.S., National Taiwan University, 1958; M.Sc., National Tsing Hua University, 1962

*In Microbiology*

ANTHONY CATENA, A.B., Rutgers, The State University, 1963  
 GARY SAMUEL DAVID, B.S., 1964  
 KUEI-HUANG HUANG, B.Sc., National Taiwan University, 1963; M.A., Boston University, 1965

*In Nuclear Engineering*

HASSAN ABDEL HALIM HASSAN, B.E.E., Cairo University, 1957; M.S., 1961  
 NICHOLAS TSOUFANIDIS, Dipl., Athens National University, 1960; M.S., 1965

*In Physical Education*

BRYAN EDWARD MARSHALL COOKE, B.A., Aligarh Muslim University, 1959; M.S., 1965  
 BRUCE RICHARD CURTIS, B.S., Central Michigan University, 1962; M.A., Michigan State University, 1963  
 RAINER MARTENS, B.S.Ed., Kansas State Teachers College, 1964; M.S.H. and P.E., University of Montana, 1965  
 IAN MOUNT NEWMAN, B.S., M.S., George Williams College, 1963, 1964  
 DONALD PETER VAN ROSSEN, B.S., Ed.M., 1953, 1954  
 JACK FRANKLIN WILEY, B.S., Southern Illinois University, 1960; M.A., Sacramento State College, 1964

*In Physics*

JERRY ALAN BLODGETT, B.S., University of Wisconsin, 1960; M.S., Harvard University, 1964  
 JOHN JOSEPH BOGUTA, A.B., Johns Hopkins University, 1962; M.S., 1964  
 CHEUK-KIN CHAU, B.A., MacMurray College, 1962; M.S., 1963  
 JOEL ALAN COHEN, A.B., Harvard University, 1962; M.S., 1964  
 ROBERT WILLIAM HOSKEN, B.E.E., Polytechnic Institute of Brooklyn, 1961; M.S., 1963  
 ALLAN EDWARD JACOBS, B.A.Sc., University of Toronto, 1960; M.Sc., University of Waterloo, 1962  
 WILLIS MOCK, JR., B.S., North Carolina State University at Raleigh, 1961; M.S., University of Florida, 1963  
 GLENN ELLIS MOORE, JR., B.S., M.S., 1963, 1965  
 RALPH LEWIS ROSENBAUM, B.S.E.E., Purdue University, 1962; S.M., Massachusetts Institute of Technology, 1964  
 WILLIAM FREDERICK SAAM, B.S., California Institute of Technology, 1963; M.S., 1965  
 CHARLES GUSTAVE STENBERG, B.S., M.S., 1959, 1960

*In Physiology*

BECKY BEARD JOHNSON, B.S., Oklahoma State University, 1964; M.S., 1966  
 RONALD GENE LA GRANGE, A.B., Southern Methodist University, 1962; M.S., 1965  
 BRENT COLE SEAGER, B.S., Michigan State University, 1958; M.S., 1962

*In Plant Pathology*

- GEOFFREY RONALD HUGHES, B.Sc.Agr., University of Sydney, 1959; M.S., 1967  
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*In Political Science*

- FRED STOKES COOMBS, B.S., University of Kansas, 1955; A.M., Stanford University, 1959  
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*In Psychology*

- MILTON RAY BLOOD, B.S., Indiana State University, 1960; B.A., Centre College of Kentucky, 1964; A.M., 1966  
ARTHUR RICHARD CARLSON, A.B., Clark University, 1961  
MARTIN MYRON CHEMERS, B.S., A.M., 1964, 1966  
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JUDITH COHEN CONGER, B.A., Trenton State College, 1963  
RONALD MICHAEL DOCTOR, A.B., University of Southern California, 1960; A.M., 1964  
DAVID LEWIS HAMILTON, A.B., Gettysburg College, 1963; M.A., University of Richmond, 1965  
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KALMAN JOEL KAPLAN, A.B., Northwestern University, 1963; A.M., 1966  
JOHN WILLIAM KENNY, A.B., John Carroll University, 1961; A.M., 1966  
RAYMOND FREDERICK KOOPMAN, JR., A.B., 1961  
LARRY SCOTT MCKAUGHAN, B.A., Whitworth College, 1963; A.M., 1965  
MERRILL DAVID PALETZ, A.B., University of Pennsylvania, 1961  
MARCIA STRONG SCOTT, B.A., University of Connecticut, 1963; M.A., George Peabody College for Teachers, 1967  
CHARLES WARREN STOCKWELL, B.A., Western Washington State College, 1964; A.M., 1966  
JANET PUCCINELLI WOLLERSHEIM, A.B., Gonzaga University, 1958; A.M., St. Louis University, 1960

*In Sociology*

- RAGWINDER KAUR DHINDSA, M.A., Agra University, 1958; M.S., M.Ed., Montana State College, 1963, 1963  
EMIL OESTEREICHER, A.B., A.M., 1960, 1963

*In Spanish*

- CONSTANCE ANN SULLIVAN, A.B., University of Rochester, 1960; A.M., 1962

*In Speech*

- RONALD GENE ENGLE, B.A., University of Montana, 1963; M.A., University of Arizona, 1965  
LESLIE BROOKS HILL, B.A., Memphis State University, 1964; M.A., University of Alabama, 1965  
TICE LEWIS MILLER, A.B., Kearney State College, 1960; M.A., University of Nebraska, 1961  
JOHN FAXON OTIS, JR., A.B., Denison University, 1960; A.M., Central Missouri State College, 1961  
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JOHN PHILLIPS WORKMAN, A.B., M.A., Western Reserve University, 1953, 1957

*In Statistics*

- UWE KOEHN, B.S., Queens College, 1961; M.S., 1962

*In Theoretical and Applied Mechanics*

- JOSEPH PATRICK CALLAHAN, B.S.C.E., M.S., University of New Mexico, 1959, 1962  
ROBERT MILTON WOODROW FREDERKING, B.Sc.M.E., University of Alberta, 1964; M.Sc.(Eng.), University of London, 1966

BRIAN ROBERT GAIN, B.S., M.S., 1963, 1964  
 MYRON GENE PARRY, B.S., M.S., Kansas State University, 1959, 1961  
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 FREDERICK ADAIR SMITH, JR., B.S., United States Military Academy, 1944;  
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*In Veterinary Medical Science*

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*In Zoology*

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*In Education*

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 HOWARD MARTIN EVANS, B.S., East Oregon College, 1958; A.M., 1960  
 RICHARD EUGENE FERRY, B.A., M.S., Millikin University, 1949, 1954  
 LAWRENCE EDWARD GRANT, B.A., University of North Dakota, 1961; M.S., Central Connecticut State College, 1966  
 CHARLES ERWIN GRAY, JR., B.A., Southwest Missouri State College, 1949; M.A., University of Arkansas, 1950  
 LOYD RAY HUGHES, B.S., M.A., New Mexico State University, 1963, 1966  
 DANA GEORGE KURFMAN, B.A., Beloit College, 1947; M.A., University of Chicago, 1949  
 PHILIP CARL LIMBACHER, B.S., M.A., New York University, 1936, 1937  
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 GLEN RAY MARTIN, B.S.Ed., M.S.Ed., Southern Illinois University, 1951, 1961; B.D., Th.M., Southern Theological Seminary, 1954, 1956  
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 RICHARD ARTHUR SWANSON, B.A., M.A., Trenton State College, 1964, 1965  
 RICHARD FRANK VLASAK, B.A., M.A., DePaul University, 1953, 1962  
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*In Art Education*

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CHAN HYU LEE, A.B., M.A., University of Nebraska, 1957, 1959  
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*In History*

LYNNE MARVIS BLAIR, A.B., 1967  
LAWRENCE ELLSWORTH PLATT, B.A., Bob Jones University, 1967

*In Labor and Industrial Relations*

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*In Political Science*

ROBERT JOSEPH BALTHASAR, B.A., Southern Illinois University, 1966  
STEPHEN CLIFFORD BELL, B.S., Murray State College, 1966  
BENJAMIN SIDNEY DOUTT, B.A., University of North Dakota, 1967  
WARREN LEE KOSTROSKI, B.S., Wisconsin State College, 1967

*In Portuguese*

MALCOLM NOEL SILVERMAN, B.A., Queens College, 1967

*In Psychology*

FRANKLIN SAMUEL BAUER, A.B., 1965  
LEONARD STEPHEN LEVITZ, A.B., Hunter College, 1965  
GERALD RODNEY ONCKEN, A.B., 1966  
ROBERT MATTHEWS WALLACE, A.B., Stanford University, 1967  
MICHELE ANDRISIN WITTIG, A.B., College of Mount St. Joseph-on-the-Ohio, 1966

*In Sociology*

PAUL DAVID ROSENBAUM, B.A., State University of New York (Stony Brook), 1966



*In Speech*

THOMAS RICHARD JAEGER, B.S., Marquette University, 1967  
 MALVINA CAROL LEVY, B.S., 1967  
 JAMES LESTER NICHOLSON III, B.A., Sacramento State College, 1965  
 CHARLES STEPHEN STRAUB, B.S., Indiana State University, 1962

*In the Teaching of English*

BETTY TAYLOR GREENING, B.S., Illinois State University, 1961  
 RICHARD ARNOLD HULSEBERG, B.A., Northwestern University, 1966

*In the Teaching of English as a Second Language*

MARIA ZELIA SIMONETTI, Lic. en Letras Anglo-Germanicas, University of Sao Paulo, 1964

*In the Teaching of Social Studies*

ROBERT SMITH WHITE, A.B., Knox College, 1965

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

STEVEN MICHAEL JAREO, B.S., 1967  
 JOHN DOUGLAS LECKENBY, B.S., Ferris State College, 1967  
 EMMANUEL SAYSON SISON, Litt.B., University of Santo Tomas, 1963  
 SPENCER FELTON TINKHAM, B.S., University of North Carolina, 1966

*In Aeronautical and Astronautical Engineering*

JOSEPH WILLIAM FLAIG, Jr., B.S., 1967

*In Agricultural Economics*

ERMAN EDWARD SCHAIRER, B.S., 1964

*In Agricultural Engineering*

JAIPAL SINGH PANWAR, B.Sc.Agr.Eng. and Tech., Uttar Pradesh Agricultural University, 1966  
 KASHMIR SINGH VIRK, B.Sc.Agr.Eng. and Tech., Uttar Pradesh Agricultural University, 1966  
 LELAND PAUL WOLKEN, B.S., 1967

*In Agronomy*

WAYNE CURTIS CARLSON, B.S., 1967

*In Animal Science*

AHMAD MUSTANSIR BILLAH, B.Sc., University of Panjab, 1964; M.Sc., Pakistan Agricultural University, 1966  
 DANIEL MARIE MATHIEU, Ing.Agr., Institut National Agronomique, 1965

*In Architectural Engineering*

PETER GINTAUTAS NALIS, B.Arch., 1967

*In Biology*

GARY WILLIAM MILLER, B.S., 1967  
 MARY ELIZABETH TANK, B.S., Augustana College, 1965

*In Ceramic Engineering*

DENNIS LEE MOOL, B.S., 1968  
 WILLIAM JAMES MUHLSTADT, B.S., 1962

*In Chemical Engineering*

VICTOR CHRISTIAN BASTRON, B.S., University of Oklahoma, 1966  
 JAMES FIELDER BEALL, B.S., California Institute of Technology, 1967  
 DONALD CHARLES FISHER, B.S., Michigan State University, 1966  
 DANE CLARK GRENOBLE, B.S., Pennsylvania State University, 1966  
 STEVEN PAUL SAWIN, B.S., Iowa State University, 1966

RAVI KUMAR SINGHANIA, B.Sc., Agra University, 1963; B.Tech.(Hons.), Indian Institute of Technology, 1967  
ROBERT BRUCE SNYDER, B.S., University of Washington, 1966

*In Civil Engineering*

CHARLES H. DOWDING III, B.S., University of Colorado, 1967  
DONALD WILLIAM FERGUSON, B.S., 1967  
ARTHUR PAUL FROEMMING, B.C.E., Marquette University, 1951  
ELIOT RUSSELL JOHNSON, B.S., South Dakota School of Mines and Technology, 1967

*In Dairy Science*

HERBERT FRANCIS BUCHOLTZ, B.S.A., University of Georgia, 1965  
MING HUNG CHEN, B.Ed., Taiwan Normal University, 1965  
LARRY ARTHUR KRAFT, B.S., Wisconsin State University, 1964  
OSCAR CLARK MILLER, JR., B.S., 1966

*In Education*

MARIANNE ROUSE, B.A., Gallaudet College, 1967

*In Electrical Engineering*

MOHAMMED JALIL AL-HAKKAK, B.Sc., University of Baghdad, 1963  
EDWARD JAMES BEACH, B.S., 1967  
THOMAS GEORGE BEZDEK, B.E.E., Marquette University, 1965  
JAMES VREELAND BODYCOMB, B.S., University of Maryland, 1967  
JAI HARI DALMIA, B.E.E., Jadavpur University, 1966  
BRUCE GENE DELUGISH, B.S., 1965  
DIPAK GUHA, B.A., M.Sc., University of Calcutta, 1951, 1955  
GARRY DUANE KEULEY, B.S., 1967  
ANDREW PHILIP KISYLIA, B.S., University of Notre Dame, 1967  
ROBERT TIEN-HUNG KU, B.S., 1967  
LESTER MARTIN LENDRUM, B.S., 1964  
GEORGE PANAGIOTIS MANTAS, B.S., 1967  
ANTONIO ROBERTO PANICALI, Engenheiro de Electrónica, Instituto Tecnológico de Aeronautica (Brazil), 1964  
WILLIAM ELLIS RODGERS, B.S., University of Notre Dame, 1967  
ROBERT ARTHUR SAINATI, B.S., 1968  
JAMES ROBERT VAN CLEAVE, B.S., 1963  
WILLARD FRANCIS WHITAKER III, B.S., Iowa State University, 1967

*In Finance*

ELMER GEORGE DICKSON, B.S., 1967  
JOHN DAVID MARKESE, B.S., 1967

*In Food Science*

DAVID GORDON ROE, B.S., 1966  
FENG-JOU WANG, B.S., National Taiwan University, 1964

*In Forestry*

DONALD LEE ROCKWOOD, B.S., 1966

*In Geology*

JOSEPH RAY HATCH, B.S., Idaho State University, 1966

*In Health Education*

LINDA RAE LADNER, B.S., City University of New York, 1967  
GLORIA JEAN NETHERS, B.S., George Washington University, 1962  
CAROLE HUTCHESON SCHMIDT, B.S., 1967  
GEOFFREY ALAN SEID, B.S., Brooklyn College, 1967

*In Journalism*

JOSEPH MORRIS WEBB, A.B., Lincoln Christian College, 1964

*In Marketing*

DAVID JEROME FRITZSCHE, B.S., 1965

JOHN ROBERT NEVIN, B.S., Southern Illinois University, 1965

*In Mathematics*

CARMEN YVONNE BALDWIN, B.A., Greenville College, 1967

*In Mechanical Engineering*

BOHDAN STEVEN DACKO, B.S., 1967

*In Metallurgical Engineering*

RICHARD ARNOLD BRAND, B.S., 1965

DAVID DEVOE THORNBURG, B.S., Northwestern University, 1967

*In Music Education*

RICHARD ALLEN KUSK, B.M.E., Illinois Wesleyan University, 1965

ALBERT LEE MOORE, B.Mus.Ed., Texas Technological College, 1966

*In Nuclear Engineering*

ROGER DEAN ROLLINS, B.S., South Dakota School of Mines and Technology, 1967

*In Physical Education*

TIMOTHY TYLER CRAIG, B.A., University of Windsor, 1963; B.P.E., MacMaster University, 1964

ROBERT CLIFFORD DONOHO, B.S., 1963

HAROLD ZACHARY HOLMES, JR., B.S., 1964

KATHERINE KRYSTINA KANGAS, B.A., University of Western Ontario, 1967

GAIL ELOISE MAYFIELD, B.S., Trinity University, 1967

JERRY LAWRENCE MAYHEW, B.S., Appalachian State University, 1967

JACQUES JOSEPH-HENRI-JEAN SAMSON, B.Ed.P., University of Ottawa, 1967

MAETEL CAMBIE WILLIAMS, Dipl.(P.E.), University of Otago, 1964

*In Plant Pathology*

ALAN GLENN OTTERBACHER, B.S., 1965

*In Recreation*

RICHARD JOHN GOOD, B.S.Ed., State University of New York (Cortland), 1967

WILLIAM CHRISTIAN WALTERS, B.S., 1964

*In Speech Correction*

VALERIE ZUPPARDI, A.B., Hunter College, 1967

*In Theoretical and Applied Mechanics*

ALAN ROLAND NELSON, B.S., 1967

JAMES GRANT WILSON, B.S., University of Arizona, 1967

*In Veterinary Medical Science*

ARNOLD RAY SMITH, B.S., D.V.M., 1961, 1963

*In Zoology*

ALVIN ZENJI KATEKARU, B.A., University of Hawaii, 1966

**Degree of Master of Music**

SHERRY JUDITH BRAUDE, B.S., Ithaca College, 1966

WILLIAM STEWART PARSONS, B.Mus., 1964

CHARLES REX ROGERS, B.Mus., University of Kansas, 1962

**Degree of Master of Education**

ELEANOR ISKE CHANCE, B.S., Manchester College, 1963

WILSON DWYER, A.B., J.D., 1939, 1941

HEATHER DEENA GREENFIELD, B.S., University of Wisconsin, 1964  
 PHILOMENA MARIE GRIECO, A.B., Rosemont College, 1962  
 ELIZABETH ANNE HOSKA JONES, B.S., Longwood College, 1963  
 DOROTHY PEARL AUSTIN LOCKE, B.S., Illinois State University, 1965  
 GABINA TOYHACAO QUITON, B.S., University of the Philippines, 1966  
 CAROL FAE RA, B.S., Indiana State College, 1961  
 MARY LYNN SHOUF, B.S., Illinois Wesleyan University, 1962  
 BARBARA NUDO VANLANDINGHAM, B.S., Southern Illinois University, 1963  
 RUTH REBECCA WAX, A.B., Barnard College, 1966

#### **Degree of Master of Television**

JOHN AUBREY BROCKWAY, B.Mus.Ed., Millikin University, 1965

#### **Degree of Master of Accounting Science**

DONALD GENE OVERTON, B.S., Eastern Illinois University, 1963

#### **Degree of Master of Comparative Law**

SHOU-PO CHAO, B.Law, Central Police College (Taiwan), 1963  
 DANIELE DELCOUR KELL, Dipl. C.U.E.C.E., D.E.S., University of Paris, 1966, 1967

#### **Degree of Master of Urban Planning**

MICHAEL ANTHONY CARROLL, A.B., Indiana University, 1964

#### **Advanced Certificate**

##### *In Education*

DAVID ELLSWORTH SPRENKLE, B.S., Washington University, 1958; Ed.M., 1963  
 MARY KATHRYN WATTS, B.S., Ed.M., 1951, 1958

#### **COLLEGE OF AGRICULTURE**

##### **Degree of Bachelor of Science**

##### *In Agriculture*

ALEXANDER BEKKER  
 JAMES DOUGLAS BRIDGE

MICHAEL STEPHEN GUINNANE

##### *In Home Economics*

DEANNA MARY KLEIN  
 ANNE MEFFLEY KONTOS

SUE ANN EVANS OETJEN

#### **COLLEGE OF ENGINEERING**

##### **Degree of Bachelor of Science**

##### *In Civil Engineering*

PAUL ANDERSON BRAY II

##### *In Electrical Engineering*

CHRIS STEVE POLENAS

##### *In Metallurgical Engineering*

PETER JACOB KUCHIRKA, High Honors

#### **COLLEGE OF LIBERAL ARTS AND SCIENCES**

##### **Degree of Bachelor of Arts**

##### *In Liberal Arts and Sciences*

HAROLD LeROY BARNES  
 GENE RUSSELL DAVIS  
 JAMES EDWARD HAWKING, High Honors  
 in Liberal Arts and Sciences with  
 High Distinction in English

JANE ANN JEGERSKI  
 CAMILLE JOHNSON  
 KESTUTIS PETER KEMEZYS  
 ALEXIS RAY KENNEDY  
 RICHARD ALBERT KNOX

ROBERT EMMETT LEE  
 DONNA DRAPER LEFRERE, Honors in  
 Liberal Arts and Sciences  
 ELIZABETH ANN MALEN  
 ROBERT EARL MITCHELL  
 GALE FARTHING OKEY

VALERIE ZIMMERMAN PAULEY  
 MARCIA MULDER PAVLOU, High Honors  
 in Liberal Arts and Sciences  
 JOHN STANLEY SADA  
 PAUL TANNENBAUM

*In the Teaching of English*

LINDA DAGNY ERNST

**Degree of Bachelor of Science**

*In Chemical Engineering*

TED ALAN KLEINHENZ, High Honors in  
 Liberal Arts and Sciences with  
 High Distinction in the Curriculum

*In Liberal Arts and Sciences*

MERRILL EUGENE EASTMAN  
 EVAN PAUL ROLEK  
 BONNIE CAROL RUBEN

DIANE MARLA WEINER, High Honors  
 in Liberal Arts and Sciences

**COLLEGE OF LAW**

**Degree of Juris Doctor**

ROBERT COURTNEY NICHOLS, B.A.,  
 Lawrence University, 1965

NEIL ROBERT ZABOROWSKI, B.S., North-  
 ern Illinois University, 1965

**COLLEGE OF EDUCATION**

**Degree of Bachelor of Science**

*In Elementary Education*

FERN WOLKE BLOOM

JUNE MARTIN LLEWELLYN

*In Industrial Education*

RONALD CARL EHRENHOFFER

*In Secondary Education*

ANTHONY ROBERT SACCOMANO

**COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION**

**Degree of Bachelor of Science**

*In Accountancy*

JACK CARY BOROK  
 TERRENCE MILTON BROWN  
 WILLIAM ALLEN CHAPMAN

GARY LYLE DYCUS  
 MORTON STEWART KESSEL

*In Commercial Teaching*

KAREN KATILIUS WALLACE

*In Finance*

ALAN SHELDON LEVIN

*In Industrial Administration*

WALTER FRANCIS WITKOWSKI

*In Marketing*

LAURENCE STUART SPECTOR

**COLLEGE OF FINE AND APPLIED ARTS**

**Degree of Bachelor of Architecture**

FRANK ALLEN ZITOMERSKY

**Degree of Bachelor of Fine Arts***In Graphic Design*

EDWARD MORRIS GANG

*In Painting*

KAREN SUE SITRON

**COLLEGE OF PHYSICAL EDUCATION****Degree of Bachelor of Science***In Physical Education*

JOHN WILLIAM DAVIS

STANTON FRANCIS STITZEL

DAVID LAWRENCE RUSSELL, High  
Honors

DAVID GENE TOMASULA

**COLLEGE OF VETERINARY MEDICINE****Degree of Bachelor of Science***In Veterinary Medicine*

JAMES DANIEL MCKEAN

**SECRETARY'S REPORT**

The Secretary presented for record appointments to the faculty made by the President; resignations, declinations, cancellations, leaves of absence, and retirements. A copy of the report is filed with the Secretary.

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

President Swain reminded the Trustees that the next three meetings of the Board will be held on November 22, 1968, in Urbana, on December 18, 1968, at Chicago Circle, and on January 15, 1969, in Urbana.

**RECESS**

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

**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 recommendation from the President of the University.

**RECOMMENDATIONS OF THE UNIVERSITY PATENT COMMITTEE**

(26) 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. Process for improving the adhesion of vacuum evaporated gold thin films on glass or on polycrystalline oxide surfaces — Gary G. Paulson, formerly National Science Foundation Faculty Fellow in Ceramic Engineering, Urbana, and Arthur L. Friedberg, Professor of Ceramic Engineering, Urbana, inventors. The invention comprises a process whereby a marked improvement can be realized in the adhesion of vacuum vapor deposited pure gold thin films on polycrystalline oxide surfaces or substrates and, likewise, on glass surfaces. "Glass" is taken

to mean a substance of glassy oxide material usually a siliceous material with a uniform smooth surface. The thin films are generated through the thermal evaporation of gold from an electrical resistance-heated evaporation source onto the substrate material. The thickness of the films in this process may be controlled between limits to 300 A.U. to 5,000 A.U. The substrate temperature may be varied and controlled within limits of 90°F. to 500°F.

The Committee recommends that the rights of the University in this invention be assigned to the University of Illinois Foundation for study and possible patent application.

2. Helium-neon laser for low voltage operation—J. E. Herceg, formerly Assistant in Nuclear Engineering, Urbana, and G. H. Miley, Professor of Nuclear and Electrical Engineering, Urbana, inventors. A low-voltage arc discharge in He-Ne has been shown to form a suitable plasma for lasing on the 3.39 line. This type of discharge uses a large area thermionic cathode. Thus, it may be suited for directly coupling a laser with a heat source, e.g., a nuclear reactor, where large areas are required for efficient heat transfer. While the electrical cathode heating used in the experiments might be replaced by nuclear heating, a power supply would still be needed to provide the cathode-anode bias. However, some gases (e.g., cesium vapor), when operated in the low-voltage arc mode, require only a small bias which can be supplied by a work function difference between the electrodes as is done in the conventional thermionic diode. If this type of discharge can induce a population inversion in these gases, one might simultaneously extract laser power and electrical power from a nuclear reactor or similar heat source with no electrical input.

The Committee recommends that the rights of the University in this invention be assigned to the University of Illinois Foundation for study and possible patent application.

3. Controlled freezing desalination—B. T. Chao, Professor of Mechanical and Industrial Engineering, Urbana, and E. F. Janzow, Graduate Student in Nuclear Engineering, Urbana, inventors. A major handicap of the current freezing desalination process is associated with the difficulty of achieving a clear-cut separation of ice from the ice-brine slurry formed in the freezer. This invention offers the possibility of avoiding the difficulty. This relates to a new concept of saline water conversion by controlled freezing at the exterior surface of chilled pellets traversing in brine, initially downward and then upward. The reversal in pellet motion is brought forth automatically by the reduction in apparent density as the ice layer formed over its external surface grows. Sealed in the pellet is a substance which is initially frozen solid and gradually transforms to the liquid state as heat is transferred into it. A salient feature is that the entire process is dominated by latent heat transport. The pellets serve both as artificial nucleation sites and as carriers of ice. A conceptual design of a desalination plant based on the proposed scheme is described and analyzed for two different operating conditions. The result clearly demonstrates its potential in achieving economic desalination of sea water.

The Committee recommends that the rights of the University in this invention be assigned to the University of Illinois Foundation for study and possible patent application.

4. Nonambiguous measurement of large phase angles—Edward W. Ernst, Professor of Electrical Engineering, Urbana, inventor; developed under the sponsorship of the United States Army Electronics Command. The experimental results showed that the output of the phase measuring device varied in a monotonic linear fashion with a linear change of phase over a total range of 720°.

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

5. Piezo-electric Bimorph system for the deflection of light beams—Paul Handler, Professor of Physics and of Electrical Engineering, Urbana, inventor; developed under the sponsorship of the Advanced Research Projects Agency. The devices represent a novel method for the deflection of light beams for the purpose of scanning of objects, the projection of TV images on screens, and as a raster for converting light images into electrical signals. The devices consist of

an arrangement of piezo-electric Bimorph benders or twistors which are driven in such a way as to produce a raster. These devices may be utilized with ordinary light sources or, preferably, with lasers.

The Committee recommends that the rights of the University be assigned to the inventor, subject to the rights of the sponsoring agency, and that if the inventor does not apply for a patent, the rights be assigned to the Advanced Research Projects Agency.

6. Random pulse sequence representation — Chushin Afuso, Assistant Professor of Electrical Engineering at Washington University, St. Louis, formerly Research Assistant in the Digital Computer Laboratory, Urbana, and W. J. Poppelbaum, Professor of Electrical Engineering and of Computer Science, Urbana, inventors; developed under the sponsorship of the Office of Naval Research. This system proposes a method of variable representation in which the variable value is carried as the probability of appearance of pulses in given time slots. If such synchronous random pulse sequences are used, multiplication corresponds simply to using an AND circuit to combine the respective sequences. It turns out that the operations of addition, subtraction, and division can also be considerably simplified by this variable representation and that it becomes in general possible to process analog information thus encoded by purely digital circuitry.

The Committee recommends that the rights of the University in this invention be released to the sponsoring agency.

7. Phastor — W. J. Poppelbaum, Professor of Electrical Engineering and of Computer Science, Urbana, and David Aspinall, formerly Visiting Associate Professor of Computer Science, Urbana, inventors; developed under the sponsorship of the Office of Naval Research. This invention solves the problem of storage of analog quantities for long periods of time by quantizing the analog voltages into a great number of steps (typically 100) and storing the quantized version as the phase difference between a free running multivibrator, synchronized by a central clock, and a standard multivibrator used for reference purposes. The advantage of this system is that only three transistors are necessary for a storage cell.

The Committee recommends that the rights of the University in this invention be released to the sponsoring agency.

8. Potentiomatrix — W. J. Poppelbaum, Professor of Electrical Engineering and of Computer Science, Urbana, inventor; developed under the sponsorship of the Office of Naval Research. This is a display device necessitating only a restricted information input for the display of complicated curves. This is obtained by building a solid state analog of an electrolytic trough. This takes the form of a grid-work of resistors with imposed boundary conditions for a subset of nodes. In particular, two sets of nodes are put at ground level and a voltage  $V$  respectively. All nodes are connected to a bus via a sensor which lights up a little bulb when no potential difference is present. The voltage of the bus is then stepped from ground to  $V$  and a succession of equipotential lines becomes visible. Since many complicated curves are equipotential lines of simple boundary conditions, it suffices to transmit to the display system these simple boundary conditions.

The Committee recommends that the rights of the University in this invention be released to the sponsoring agency.

9. Sod and stubble planter — Donnie R. Morris, Farm Mechanic, Dixon Springs, and George E. McKibben, Associate Professor of Agronomy, Dixon Springs, inventors. Packer cutter wheel gives more uniform depth control on both sod and conventional seedbeds due to its close proximity to planter shoe and due to its smaller diameter than the conventional packer wheel.

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

10. Control system for off-highway vehicles — William Edward Larsen, formerly Research Associate in Agricultural Engineering, Urbana, inventor. A vehicle design concept and a control system to improve off-highway vehicle productivity by removing any restrictions on the vehicle's size and shape and by increasing vehicle maneuverability. Vehicle design utilizes hydrostatic power-wheels and a control system which controls the angle and the speed of each wheel. The resulting system places no limits on the vehicle's size and shape or on the number of wheels and their position on the vehicle. The unique feature of this



design concept is the technique used to combine the coordinates that define wheel position with the coordinates that define the vehicle motion wanted by the operator.

The Committee recommends that the rights of the University in this invention be assigned to the inventor.

11. Utilization of lead scandium niobate-lead titanate solid solutions as piezoelectric ceramic elements—Victor J. Tennery, formerly Professor of Ceramic Engineering, Urbana, Kenneth W. Hang, Assistant in Ceramic Engineering, Urbana, and Richard E. Novak, Research Assistant in Ceramic Engineering, Urbana, inventors; developed under the sponsorship of the Advanced Research Projects Agency. The unique feature of this invention is the realization of higher piezoelectric coupling coefficients than those in barium titanate modified systems and as high as those in the system lead zirconate-lead titanate. This system has previously contained the most active ceramic piezoelectric materials known.

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

12. Total consumption burner for premixed acetylene-nitrous oxide flames—Victor G. Mossotti, Senior Research Chemist, Urbana, inventor; developed under the sponsorship of the Advanced Research Projects Agency. This device is useful as a light source for the direct detection of dissolved metallic impurities in liquid analytical samples. The burner, a composite of commercially available components, is fed with a fuel-oxidant system having special combustion properties and flame chemistry, and is operated in a unique way so as to provide advantages for emission spectroscopy heretofore unreported in a single burner system.

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

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

On motion of Mr. Grimes, the Board adjourned.

EARL W. PORTER  
*Secretary*

TIMOTHY W. SWAIN  
*President*

#### LUNCHEON GUESTS

Representatives of the faculty and students of the College of Pharmacy at the Medical Center and representatives from the College of Pharmacy Advisory Committee, the Chicago Pharmacists' Association, Illinois Council of Hospital Pharmacists, Illinois Pharmaceutical Association, Chicago Retail Druggists' Association, Illinois State Board of Pharmacy were guests of the Board at luncheon.

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

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**November 22, 1968**



The November meeting of The Board of Trustees of the University of Illinois was held in the General Lounge on the second floor of the Illini Union on the Urbana-Champaign campus, on Friday, November 22, 1968, beginning at 9:30 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, Mr. Kenney E. Williamson. Mr. Ray Page, Governor Samuel H. Shapiro, and Dr. James A. Weatherly were absent. Trustee-elect Russell W. Steger attended as a guest.

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

**TRUSTEE-ELECT INTRODUCED**

The President of the Board introduced Trustee-elect Russell W. Steger.

**VISITORS FROM INDIA**

The President of the Board introduced the following guests from India who are visiting the University of Illinois this month and who were invited to be guests of the Board at the meeting: Dr. D. P. Singh, Vice Chancellor, Uttar Pradesh Agricultural University; Dr. O. P. Gautam, Deputy, Chief Indian Council of Agricultural Research in New Delhi, India; Dr. Glenn C. Holm, Chief, Agricultural Universities Development Division USAID/American Embassy, New Delhi, India.

**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.

**RECOMMENDATIONS, BOARD OF HIGHER EDUCATION, ON THE BIENNIAL BUDGET REQUEST FOR CAPITAL FUNDS, 1969-71**

(1) At its October meeting the Illinois Board of Higher Education reviewed the 1969-71 Biennial Capital Budget request of the University of Illinois, as well as those of other state colleges and universities and of the Illinois Junior College Board.

The University had submitted a total capital budget request of \$192,449,959 for its three campuses, basing its needs for facilities on enrollment-capacity data for 1974-75.

The Board of Higher Education staff recommended a capital budget for the University of \$132,386,329 and the Board revised this total to \$133,520,291. This figure represented 68.13 per cent of the University of Illinois request, the highest percentage among the university systems. A copy of a table presenting the comparison of University requests and the Board of Higher Education staff and board recommendations is being filed with the Secretary of the Board for record.

In his report on the capital budget requests, State Board Executive Director Lyman A. Glenny listed the following objectives sought in the staff's recommendations on the requests: to meet enrollment needs for 1971 and 1972 school years; to reflect Master Plan emphasis on upper-division and graduate enrollments; to encourage development of commuter institutions; to secure greater efficiency in the construction and use of physical facilities; to seek to maximize the amount of federal funds put to use in order to minimize costs to the state; and to provide only land needed for immediate construction.

Concerning the objective of meeting enrollment needs for 1971-72 and 1972-73, the executive director's report stated, "The Board procedure has been to recommend financing for students who will be enrolled four years in the future. Normally, two or three full years are required to plan, construct, and equip a building for use. Hence the staff has reviewed the budgets in light of the enrollments which are estimated for the year 1972-73."

As noted above, the University's estimates of space needs extended to the enrollment projections for 1974-75, since the buildings to be planned and funded during the 1969-71 biennium would have to provide most of the space needed for 1974-75 enrollments.

In its methods used to evaluate capital requirements, the State Board staff considered the cost of construction for the current biennium and for the 1969-71 biennium and through application of a formula related to cost per square feet, reduced the Illinois Building Authority-eligible cost of projects accordingly. As in the present biennium, a 10 per cent reserve for potential cost increases, will be established.

The staff also made the following recommendations for future budgeting:

1. The policies adopted by the Board in review of the 1967-69 capital budget requests continue in force. These policies relate to building utilization and construction (net-to-gross) standards, federal funding as offsets against state authorizations, and both cost increase and federal funding contingencies in the IBA authorized building program for colleges and universities.
2. The Board authorize the staff to establish an inter-institutional committee to make studies and to advise the staff on all factors relating to the capital budgets. This committee would be similar in composition and function to the Budget Formula Committee which has operated so successfully in relation to the operating budgets. The new group would be called Physical Facilities Budget Committee and would be chiefly concerned with developing acceptable standards for various space needs and for construction and costs of buildings.
3. Each institution submit to the Board as part of its seventy-seventh biennial budget request: (a) a long-range program and building plan for ten years into the future; and (b) a general campus land use plan for fifteen years into the future.

In summary the executive director's report observed:

The recommendations by the Board staff are considered to meet only the most critical needs through 1972-73.

That substantial additional needs exist is readily apparent from capital projects submitted which are not recommended for 1969-71. These are in the main essential future requirements for which financing should not be unduly delayed.

The state of Illinois may wish to consider methods of funding capital construction programs extending for more than a single biennium which may be more economical than revenue bonding.

I recommend that the Board of Trustees modify the University's original capital request to make it consistent with the recommendations of the Board of Higher Education and authorize the representatives of the Board of Trustees and the administration of the University to present the modified request to the appropriate state agencies and the General Assembly.

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

#### AWARD OF CERTIFIED PUBLIC ACCOUNT CERTIFICATES

(2) 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>
KENT ROBERT CRIPPEN	Moline, Illinois	Indiana
KENNETH CARL DENNIS	Vincennes, Indiana	Indiana
JOYCE JOSEPH DE ROUSSE	Edwardsville, Illinois	Missouri
DAVID GALE FEARHELLER	Chicago, Illinois	Texas
PHILIP AUSTIN KEIRN	Glen Ellyn, Illinois	California
DONALD J. LEWIS	Macomb, Illinois	Texas
FRANCIS J. MCKEON, JR.	Webster Groves, Missouri	Missouri
EDWARD EUGENE PARK	Burlington, Iowa	Iowa
LEROY ADAM STEINKE	Chicago, Illinois	Kansas

I concur.

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

### DEAN OF STUDENT AFFAIRS, MEDICAL CENTER

(3) The Chancellor at the Medical Center recommends the appointment of Dr. Donald A. Boulton as Dean of Student Affairs, with rank of Assistant Professor for the Medical Center campus, beginning January 1, 1969, at an annual salary of \$21,500 on a twelve months' service basis.

Dr. Boulton's appointment has been endorsed by a consultative Committee<sup>1</sup> appointed by the Chancellor to advise on this subject. The Executive Vice President and Provost concurs in this recommendation.

The initial appointment as Dean of Student Affairs is for eight months; thereafter the appointment will be on a biennial basis in accordance with statutory provision for continuing administrative appointments.

I concur.

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

### APPOINTMENTS TO THE FACULTY

(4) 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; F—one-year appointment ending other than August 31; G—special tenure; Q—initial term appointment for Professor or Associate Professor; W—one-year appointment subject to special written agreement, without commitment for an indefinite term appointment or for service credit; 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-fourth time).

#### Chicago Circle

1. ELIZABETH R. GEBHARD, Assistant Professor of Classics, Department of English, beginning January 1, 1969 (3), at an annual salary of \$9,300.
2. ROBERT B. GRANT, Assistant Professor of Education and Director, Program for Emotionally Disturbed, College of Education, beginning September 1, 1968 (1), at an annual salary of \$12,000.
3. EMANUEL HURWITZ, JR., Assistant Professor of Education and Assistant Dean, College of Education, beginning September 1, 1968 (1,DY), at an annual salary of \$17,000.
4. JOHN W. C. JOHNSTONE, Associate Professor of Sociology, beginning September 1, 1968 (A), at an annual salary of \$18,500.
5. JEANORE G. PARHAM, Assistant Professor in the Jane Addams Graduate School of Social Work, beginning September 1, 1968 (1), at an annual salary of \$8,750.
6. NATALIE SCHMITT, Assistant Professor of Speech, beginning September 1, 1968 (1), at an annual salary of \$9,500.
7. AIMEE W. STRAWN, Assistant Professor of Education, beginning September 1, 1968 (1), at an annual salary of \$11,750.

#### Medical Center

8. ALLEN W. ANDERSON, Assistant Professor of Pedodontics, College of Dentistry, beginning September 1, 1968 (1Y), at an annual salary of \$11,000.
9. TAPAS K. DAS GUPTA, Associate Professor of Surgery and Director of Tumor Clinic, Department of Surgery, College of Medicine, beginning October 1, 1968 (AY), at an annual salary of \$18,000.

<sup>1</sup> Nat E. Smith, Associate Professor of Medicine and Assistant Dean of the College of Medicine, *Chairman*; Irene B. Alyn, Assistant Professor of Nursing; Donald L. McElroy, Professor of Oral Diagnosis and Associate Dean of the College of Dentistry; Ernst R. Kirch, Professor of Chemistry, College of Pharmacy; Anthony J. Dickema, Director of Admissions and Records; Clarence C. Leverenz, Director of Auxiliary Services; Theodore R. Sherrod, Professor of Pharmacology, College of Medicine; Dale Schumacher, Senior Medical Student (President of the Executive Student Council, 1967-68).

10. LYLE J. GRAY, Assistant Professor of Operative Dentistry, College of Dentistry, beginning October 1, 1968 (1Y), at an annual salary of \$15,000.
11. RUTH M. HEIFETZ, Assistant Professor of Preventive Medicine and Community Health, College of Medicine, on 20 per cent time beginning October 1, 1968 (DY20), at an annual salary of \$2,600.
12. BERNARD DAVID KATZ, Assistant Professor of Oral Diagnosis, College of Dentistry, on 40 per cent time, beginning October 1, 1968 (DY40), at an annual salary of \$4,400.
13. JOHN M. KELLER, Associate Professor of Obstetrics and Gynecology, College of Medicine, beginning January 1, 1969 (AY), at an annual salary of \$24,000.
14. MIRIAM LIBERSON, Clinical Professor of Radiology, College of Medicine, on 10 per cent time, beginning September 1, 1968 (PY10), at an annual salary of \$2,700.
15. URSULA FRIEND ROWLATT, Assistant Professor of Zoology, Department of Pharmacognosy and Pharmacology, College of Pharmacy, beginning September 1, 1968 (1), at an annual salary of \$12,500.

#### Urbana-Champaign

16. JUDITH DUNDAS, Assistant Professor of English, beginning January 1, 1969 (1), at an annual salary of \$11,000.
17. BETTY E. HASKELL, Associate Professor of Nutrition, Departments of Food Science and Home Economics, beginning July 1, 1969 (AY), at an annual salary of \$14,500.
18. RICHARD EARL KLEIN, Assistant Professor of Mechanical and Industrial Engineering, beginning September 1, 1968 (1), at an annual salary of \$11,800.
19. STEVEN F. MAIER, Assistant Professor of Psychology, beginning September 1, 1968 (1), at an annual salary of \$10,000.
20. JAMES W. MARCHAND, Professor of German and Associate in the Center for Advanced Study, beginning February 1, 1969 (A), at an annual salary of \$25,000.
21. JAMES O. MILLER, Professor of Educational Psychology and Director of National Coordinating Center for Early Childhood Education, College of Education, beginning September 1, 1968 (AY,DY), at an annual salary of \$20,000.
22. JOHN E. MORRAL, Assistant Professor of Metallurgy, Department of Mining, Metallurgy, and Petroleum Engineering, beginning October 1, 1968 (1), at an annual salary of \$10,500.
23. JOHANN (HANS) PEISL, Research Assistant Professor in the Coordinated Science Laboratory and in Physics, for one year from October 1, 1968 (FY), at a salary of \$12,000.
24. RODOLFO N. SALCEDO, Assistant Professor of Agricultural Communications, Agricultural Experiment Station, beginning November 1, 1968 (WY), at an annual salary of \$13,000.

#### Visiting Staff

25. ELIEZER B. AYAL, Visiting Professor of Economics, Urbana, for the period from February 1, 1969, through June 15, 1969 (E), at a salary of \$8,500.
26. WOLFGANG GASCHÜTZ, Visiting Professor of Mathematics, Chicago Circle, for the period from October 1, 1968, through December 31, 1968 (G), at a salary of \$6,000.
27. ROBERT K. MOMII, Visiting Assistant Professor of Biological Chemistry, College of Medicine, for the period from January 1, 1969, through August 31, 1969 (DY), at a salary of \$7,333.
28. MILOŠ SAMARDŽIJA, Visiting Professor of Economics, Urbana, for the second semester 1968-69 (E), at a salary of \$8,550.
29. LORETTA BYERS SAUER, Visiting Professor of Education, Chicago Circle, on two-thirds time for the period from September 16, 1968, through March 15, 1969 (G67), at a salary of \$7,250.
30. JAROSLAV SCHEJBAL, Visiting Associate Professor of English, Chicago Circle, for the academic year 1968-69 (G), at a salary of \$13,500.
31. JOHN C. WUSTMAN, Visiting Professor of Music, on 60 per cent time, Urbana, for the academic year 1968-69 (D60), at a salary of \$10,700.

### **Administrative Appointment**

32. ALEXANDER M. SCHMIDT, Executive Associate Dean of the College of Medicine and Associate Professor of Medicine, beginning December 1, 1968 (DY,AY), at an annual salary of \$28,000.

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

### **FOREIGN LANGUAGE REQUIREMENT FOR THE DOCTOR OF PHILOSOPHY DEGREE, CHICAGO CIRCLE AND MEDICAL CENTER**

- (5) The Chicago Circle and Medical Center Senates have approved recommendations for change in the foreign language requirement for the Ph.D. degree.

The recommendation approved by the Medical Center Senate, which is identical to that approved by the Board on July 24, 1968, for the Urbana-Champaign campus, follows:

Any foreign language requirement for the Degree of Doctor of Philosophy shall be determined by the individual department, division, or faculty jointly administering a program. Departments, divisions, and faculty jointly administering a program shall report changes in the language requirement to the Graduate College. Changes will be effective for students taking preliminary examinations after final approval by the Board of Trustees and report of the change to the Graduate College.

The recommendation approved by the Chicago Circle campus provides that, "The Foreign Language Requirements for the Degree of Doctor of Philosophy shall be left to the individual department, division, or jointly administered program, subject to the approval of the Graduate College."

The Chancellors at the respective campuses and the Executive Vice President and Provost concur in these recommendations.

The Senate Coordinating Council has indicated that no other Senate jurisdiction is involved.

I recommend approval with the understanding that subsequent changes be approved at the campus level.

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

### **DOCTOR OF PHILOSOPHY DEGREE IN SOCIOLOGY, CHICAGO CIRCLE**

- (6) The Chancellor at the Chicago Circle campus recommends approval of a program leading to the degree of Doctor of Philosophy in Sociology.

Because of the need for sociologists to provide instruction in institutions of higher education and to conduct research in medical, welfare, planning, industrial, and political settings, the field of sociology is experiencing rapid growth throughout the country. In the state of Illinois, the system of higher education is growing rapidly and will require a large number of sociologists to provide instruction.

The opportunities for sociological research in the Chicago area are great and directly related to the urban mission of that campus. The proposed program, which will emphasize the close interdependence of theoretical and empirical analysis of sociological issues, will support development of programs in Preventive Medicine and Community Health at the Medical Center campus as well as existing and developing graduate programs in related departments at Chicago Circle.

Degree candidates will be required to meet the standards and degree requirements set forth in the catalog statement which is being filed with the Secretary of the Board for record. The program leading to the degree of Master of Arts in Sociology was approved by the Board of Higher Education in May, 1967.

The Executive Vice President and Provost concurs in this recommendation.

The program was approved by the Chicago Circle Senate on October 9, and 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. Jones, this recommendation was approved.

#### **PROGRAM FOR STUDY IN PARIS FOR STUDENTS IN ARCHITECTURE, CHICAGO CIRCLE**

(7) The Chicago Circle Senate has approved a recommendation from the College of Architecture and Art to establish a program providing for study in Paris for students in the Department of Architecture.

The program will consist of two quarters of study in the fifth year of the architecture curriculum during the winter and spring quarters. Fifteen students of architecture selected by the Department have indicated an intent to participate.

The participating students will travel as a group to Paris accompanied by a faculty member. Students will advance the costs of round trip travel, room, and tuition to the University before departure. Participating faculty, who will pay their own travel and living expenses, will provide supervision and guidance of students in addition to regular teaching assignments.

As is the case with the program for architecture students at Urbana (authorized on November 10, 1966), the Chicago Circle program is expected to offer students an opportunity to study significant examples of architecture and historic monuments, to meet European leaders in the architectural profession, and to broaden their cultural background.

However, several differences between the two programs exist: the Chicago Circle program emphasizes architectural education in the context of the urban environment, and for this reason, the Paris location is optimal. Moreover, the proposed program of two quarters would present substantial calendar obstacles to coordination with the one-semester Urbana program. The design of this program for fifth-year students, which the Chicago Circle faculty feels offers several advantages, would limit coordination feasibility with the Urbana program which is designed for third-year students.

The Dean of the College of Architecture and Art anticipates that the necessary financial support can be assured for otherwise qualified students who would be prevented from participating solely due to lack of funds.

The Chancellor at Chicago Circle and the Executive Vice President and Provost concur in this recommendation.

The Senate Coordinating Council has indicated that no other Senate jurisdiction is involved.

I recommend approval, subject to successful completion of contract negotiations.

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

#### **REPORTS ON EXTENSION AND PUBLIC SERVICE**

(8) For some two years, the University Council on Extension and Public Service, with central staff assistance, has been studying the extension and public service role of the University. This has been done in the light of organizational changes which seemed desirable because of greater campus autonomy and the urgency of outside social problems calling for University response. The study was conducted in two phases, culminating in two reports: Phase I, dealing with University resources, the outreach philosophy, and the critical problems; and Phase II, dealing with recommendations for changes in organization and policy.

These reports, adopted in principle by the University Council on Extension and Public Service and written in accordance with its recommendations, were made to the President. They still have the status of internal reports, awaiting decisions on implementation. Further steps will require administrative decisions at both the central and campus levels. Board action is not explicitly required; however, the reports are hereby presented to the Board for its receipt and information.

Highlights of the recommendations include provision for:

1. A chancellor's deputy to be responsible for extension and public service on each campus.
2. A Vice President for Public Service to serve as the President's deputy for University-wide coordination.
3. A Public Service Board to be made up of the Vice President for Public Service and the three vice chancellors (or whatever named) for overall surveillance, joint planning, division of labor, and assured state-wide coverage.



4. Appropriate faculty counsel through campus and University-wide committees.
5. A designated public service officer in each college or institute to work with and as a part of the public service team on each campus.
6. Special attention to:
  - a. Task force planning of the appropriate University-wide attack on urgent social problems.
  - b. Increased emphasis on continuing education for professional personnel.
  - c. On-campus centers for bringing people directly to the University's resources.
  - d. Widest use of new technologies, including telecommunications networks.
  - e. Establishment of regional field centers which will serve to channel and focus all University services in such areas.

These reports were received for information.

#### REVISION OF UNIVERSITY STATUTES: PRIVILEGES OF STUDENT MEMBERS OF SENATE COMMITTEES

(9) On June 7 and on October 14, 1968, the Urbana Senate took actions reconstituting its Committee on Student Affairs (as a Policy Committee on Student Affairs) and making provision for student membership and for Senate floor and voting privileges for such members.

Inasmuch as the University *Statutes* do not provide for Senate voting and floor privileges for students, I recommend that the *Statutes* be amended by adding the following new language to Section 6 (b) :

The Senate may provide for student representation on its committees, and student members shall have Senate floor and voting privileges on matters relating to the action of the committees on which they serve unless the Senate otherwise provides.

The Chancellors have been consulted and are in agreement with this recommendation.

I further recommend that the amendment be approved provisionally by the Trustees and that the advice of the Senates be received prior to final action by the Board as required by the *Statutes*.

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

#### PERIODIC REPORTS ON ACTIONS OF THE UNIVERSITY SENATES

(10) Certain educational matters acted upon by the University Senates and not requiring formal action by the Trustees are of special interest as items of background information. Accordingly, I have asked the Secretary of the University to assist in the occasional preparation of a "President's Report on Actions of the Senates." This document will be mailed to the Trustees from time to time or placed with agenda materials as the schedule permits. Occasionally, I shall want to review some of the materials with the Trustees to give these matters appropriate attention, and to answer any questions.

The first such report is now in preparation and will be mailed to the Trustees shortly.

#### AMENDMENT OF THE BY-LAWS OF THE ATHLETIC ASSOCIATION

(11) The Board of Directors of the Athletic Association has approved a change in Section 6 of the *By-Laws* of the Athletic Association. The change will provide an increase of \$5,000 in the Working Fund. The present Working Fund is \$10,000. The new wording of Article VI, Section 6, Working Fund, would read as follows (parentheses indicate deletion, italics indicate addition) :

The Business Manager may be allotted a working fund of not more than (\$10,000) *\$15,000*, the amount of which shall be determined by the Board. Its purpose shall be the payment of payroll and emergency items for which it shall be reimbursed from time to time by regular voucher and check of the Association.

I recommend approval of the amendment of the *By-Laws*, in accordance with Article VIII of the *By-Laws* of the Athletic Association which states that "any such amendment shall, after adoption by the Board, be submitted to the Trustees for its consideration before the same shall take effect."

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

#### APPROPRIATIONS FOR NONRECURRING EXPENDITURES, MEDICAL CENTER

(12) After review by the Medical Center Committee on Nonrecurring Appropriations, the Chancellor recommends the following appropriations from the Medical Center General Reserve:

College of Dentistry:

Department of Oral Pathology — equipment.....	\$ 21 000
Renovation and remodeling for which funds are assigned to the Physical Plant Department:	
Remodel and air condition rooms in the Library of Medical Sciences..	17 250
Remodeling a classroom in the Dentistry-Medicine-Pharmacy Building	15 200
Remodeling a laboratory for the Department of Medicine.....	15 500
Remodeling a laboratory for the Department of Obstetrics and Gynecology .....	31 500
<i>Total, Medical Center General Reserve.....</i>	<i>\$100 450</i>

The Executive Vice President and Provost and the Vice President and Comptroller concur.

I recommend approval.

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

#### REQUEST TO THE ILLINOIS BUILDING AUTHORITY TO CONTRACT FOR CONSTRUCTION OF THE ADMINISTRATIVE OFFICE BUILDING, MEDICAL CENTER

(13) On October 22, 1968, the Illinois Building Authority received bids for construction of the Administrative Office Building at the Medical Center campus. The project is one which the Board at its meeting on July 26, 1967, requested the Illinois Building Authority to provide. The plans and specifications comply with the requirements of the Facilities for the Handicapped Act. The Authority will finance the construction and lease the facilities to the University. Funds for rental payments are available in state appropriations to the University. The Illinois Building Authority has requested that jurisdiction of the land on which the project will be constructed be transferred to the Authority.

The low base bid was submitted by Coath & Goss, Inc., Chicago, in the amount of \$3,139,278. Proposals were also received from Erik A. Borg Company, Skokie; Mayfair Construction Company, Chicago; Walsh Bros., Inc., Chicago; Wm. E. Schweitzer & Co., Evanston; and Telander Bros. Contractors, Inc., Chicago. There are no irregularities in the bid proposal of the low bidder, who is deemed fully qualified to construct this project.

While the total funds required to complete construction were within the amount declared to be in the public interest by the Seventy-fifth General Assembly, the Board of Higher Education has arranged with the Illinois Building Authority that the Authority will not use a portion of this amount declared by the General Assembly to be in the public interest until the State Board specifically approves such use. This reserve amount consists of a "cost increase reserve" to be used for the purpose of offsetting cost increases determined by actual bid experience.

In accordance with the procedure adopted by the Board of Higher Education on October 3, 1967, and in order to complete construction as planned, it is necessary that the University request the Board of Higher Education and the Illinois Building Authority to release \$164,420 of the \$360,620 in the "cost increase reserve" for this project.

Accordingly, the President of the University, with the concurrence of the appropriate administrative officers, recommends:

1. The Board of Higher Education and the Illinois Building Authority be requested to release \$164,420 in the "cost increase reserve."
2. The Illinois Building Authority be requested to award a construction contract for the sum of \$3,139,278 to Coath & Goss, Inc., Chicago, the low base bidder, and proceed to procure this facility for the use of the University.
3. 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 facility by the Illinois Building Authority.
4. The adoption of the resolutions submitted herewith to implement the official actions required including authorization of the instrument of transfer of jurisdiction of real estate to the Illinois Building Authority.

Submitted herewith is a report of the Physical Plant Planning and Construction Office, including a schedule of the bids received, a copy of which is being filed with the Secretary of the Board.

### Resolution

WHEREAS the 75th General Assembly of the State of Illinois has declared it to be in the public interest that the Illinois Building Authority construct, on behalf of The Board of Trustees of the University of Illinois, an Administrative Office Building at the Medical Center of the University of Illinois in Chicago, Illinois; and

WHEREAS for that purpose it will be necessary for the Illinois Building Authority to acquire jurisdiction of the real estate upon which said building will be located; and

WHEREAS The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois with its principal office in Urbana, Illinois, has been requested by the Illinois Building Authority to transfer jurisdiction of said real estate for the construction of said building.

*Now, Therefore, Be It and It Is Hereby Resolved*, by The Board of Trustees of the University of Illinois at its November 22, 1968 meeting, as follows:

That the Comptroller and the Secretary of The Board of Trustees of the University of Illinois be and they are hereby authorized to execute, acknowledge and deliver, in the name and on behalf of this corporation, an instrument of transfer of jurisdiction to the property described in the attached document entitled "Instrument of Transfer" which said form of Instrument of Transfer is, by this reference, incorporated in and made a part of this Resolution.

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

-----  
Date

### Instrument of Transfer

In accordance with the provisions of "An Act to create the Illinois Building Authority and to define its powers and duties," approved August 15, 1961, as amended, and Resolution No. 68 IBA 227, adopted on the 26th day of September, 1968 by the Illinois Building Authority, a body corporate and politic of the State of Illinois, created under said mentioned Act, requesting the transfer of the certain described real estate and jurisdiction thereof to the Illinois Building Authority.

*Now, Therefore*, the undersigned The Board of Trustees of the University of Illinois does hereby transfer jurisdiction of the following real estate to the Illinois Building Authority, to wit:

### Exhibit "A"

"That part of the Block bounded by W. Polk, W. Taylor, S. Wood Street and S. Hermitage Avenue described as follows: Beginning at a point on the North face of the existing East D.M.P. Building, 24' - 10 3/4" East of the Northwest

corner thereof; thence North, perpendicular to the North face of said East D.M.P. Building 35' - 6 $\frac{7}{8}$ "; thence West 8' - 11 $\frac{1}{2}$ "; thence North 14' - 0"; thence West 27' - 2 $\frac{1}{2}$ "; thence North 29' - 8"; thence East 11' - 0"; thence South 17' - 2"; thence East 92' - 11 $\frac{1}{2}$ "; thence North 77' - 2"; thence East 36' - 2"; thence North 14' - 4 $\frac{3}{4}$ " to a point 4' - 8" South of the South line of W. Polk Street; thence South 89° - 53' - 42" East, along a line 4' - 8" South of and parallel to the South line of W. Polk Street 79' - 2" to a point 14' - 11" West of the West line of S. Hermitage Avenue; thence South 62' - 3"; thence East 5' - 10 $\frac{1}{2}$ "; thence South 39' - 1"; thence West 5' - 10 $\frac{1}{2}$ "; thence South 61' - 5 $\frac{7}{8}$ " to a point on a line which is the prolongation of the North face of the existing East D.M.P. Building, and 14' - 9 $\frac{3}{4}$ " West of the West line of Hermitage Avenue; thence West along said prolonged line to the Point of Beginning, all in Cook County, Illinois."

Being the site upon which the Illinois Building Authority is to construct and complete an Office Building at the Chicago Medical Center for the University of Illinois, Chicago, Illinois.

IN WITNESS WHEREOF, The Board of Trustees of the University of Illinois, a body corporate and politic of the State of Illinois, has caused this instrument to be executed by its Comptroller, pursuant to due authorization of its Board of Trustees, and its seal to be hereunto affixed and attested by the Secretary of The Board of Trustees of the University of Illinois, all as of the ..... day of ....., 19.....

This instrument has been executed in several counterparts each of which may be considered as an original.

THE BOARD OF TRUSTEES OF THE  
UNIVERSITY OF ILLINOIS

By.....  
Comptroller

Attest:

Secretary

(Seal)

I hereby approve the foregoing transfer as being advantageous to the State of Illinois and in the public interest.

Dated ....., 19.....

.....  
Governor, State of Illinois

Approved as to form and content:

.....  
Counsel for The Board of Trustees  
of the University of Illinois

STATE OF ILLINOIS }  
COUNTY OF } SS

#### Acknowledgement

I, ....., a Notary Public in and for the County and State aforesaid, do hereby certify that H. O. Farber and E. W. Porter, personally known to me to be the Comptroller and Secretary of The Board of Trustees of the University of Illinois, respectively, whose names are subscribed to the foregoing instrument, personally appeared before me this day and acknowledged that they signed and delivered the said instrument of writing as Comptroller and Secretary respectively, of said Board, pursuant to authority given by "An Act to create the Illinois Building Authority and to define its powers and duties," approved August 15, 1961, as amended (Ill. Rev. Stats. 1967, Chapter 127, Paragraphs 213.1-213.14), as their free and voluntary acts as the free and voluntary act of The Board of Trustees of the University of Illinois, for the uses and purposes therein set forth.

Given under my hand and official seal, this ..... day of ....., 19.....

.....  
Notary Public

My Commission Expires.....

### Certification

TO THE ILLINOIS BUILDING AUTHORITY:

This is to certify that an executed counterpart of the attached Instrument of Transfer was filed for record in my office on this date. Recorded in Book ..... on page ..... Document .....

Dated this ..... day of ....., 19.....

.....  
Recorder of Deeds

..... County, Illinois

### 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 Coath & Goss, Inc., 5103 West Lake Street, Chicago, Illinois, a contract for the entire work for the construction of the Administrative Office Building at the Medical Center Campus for the fixed price of \$3,139,278, being the base bid.

*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. Hughes, the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Pogue, Mr. Swain, Mr. Williamson; no, none; absent, Mr. Page, Governor Shapiro, Dr. Weatherly.

#### AWARD OF CONTRACTS FOR REMODELING IN THE ILLINOIS NEUROPSYCHIATRIC INSTITUTE, MEDICAL CENTER

(14) The President of the University, with the concurrence of appropriate administrative officers, recommends the award of the following contracts for miscellaneous remodeling in the Illinois Neuropsychiatric Institute at the Medical Center campus, the award in each case to the low bidder.

Air Conditioning, Heating, and Process Piping (including related General Work) — Admiral Heating and Ventilating, Inc., Hillside.....	\$20 716
Ventilation — H. S. Kaiser Company, Elk Grove.....	3 870
Plumbing — Peter H. Smith Company, Chicago.....	1 480
Pipe Covering and Insulation — Paul J. Krez Company, Chicago.....	977
Electrical — Fries Walters Co., Chicago.....	7 060

The work consists of providing new lighting and air conditioning equipment for two areas in the basement and installation of metal partitions on the eighth floor for the Department of Psychiatry.

Funds are available in state capital appropriations to the University for 1967-69 and have been released by the Governor.

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

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

#### CONTRACT FOR ELECTRICAL INSTALLATION WORK FOR UTILITIES DISTRIBUTION SYSTEM, URBANA

(15) The President of the University, with the concurrence of appropriate administrative officers, recommends award of a contract to Aldridge Electric, Inc., Lake

Forest, for the sum of \$224,500 for furnishing and installing cable and related equipment to replace the existing reserve feeder to the utilities distribution system, Urbana.

Funds are available in state capital appropriations to the University for 1967-69 and have been released by the Governor.

This project was originally bid on August 14, 1968. Prior to award on those bids, it was discovered that the project had not been advertised in accordance with provisions of the Illinois Purchasing Act, and the bids were subsequently rejected by the President upon the recommendation of the Director of Physical Plant Planning and Construction and the Vice President and Comptroller. The project was then advertised as required by law.

It should be noted that in the second bidding procedure, the proposal of Aldridge Electric, Inc., failed to attach a "Certification of Nonsegregated Facilities" form. However, it is recommended that this informality be waived.

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

#### CONTRACTS FOR REMODELING PEABODY DRIVE RESIDENCE HALL COMPLEX, URBANA

(16) The President of the University, with the concurrence of appropriate administrative officers, recommends award of the following costs-plus contracts based on percentage bid for contractors' fees for remodeling a portion of the basement of the Peabody Residence Hall complex for the Housing Division, Urbana, the award in each case to the lowest acceptable bidder.

	<i>Per Cent for Material</i>	<i>Per Cent for Labor</i>	<i>Per Cent for Subcon- tracts</i>	<i>Estimated Equipment Rental Costs</i>	<i>Lump Sum Specified</i>	<i>Estimated Fee Pay- ments and Equipment Costs</i>	<i>Total Estimated Payments</i>
General—English Brothers Company, Champaign.....	4	22.75	2	608 00	0	\$6 105 50	\$52 105 50
Electrical—Remco Electrical Corpora- tion, Champaign.....	5.7	23.9	0	0	0	2 583 80	16 083 80
Plumbing—Harold L. Fox and Jack W. Perrone, a partner- ship, doing business as Champaign Plumbing and Heating Company, Champaign	15	40	5	0	0	500 00	2 500 00
Heating, Piping, Refrig- eration, and Auto- matic Temperature Control Systems— Harold L. Fox and Jack W. Perrone, a partnership, doing business as Champaign Plumbing and Heating Company, Champaign	20	40	5	0	\$1 436 00	2 886 00	8 886 00
Ventilation and Distribution Systems for Conditioned Air— David W. Reichard Plumbing and Heating Co., Inc., Urbana....	15	50	5	25	1 100 00	7 635 00	23 635 00

This project was proposed by a student committee assisted by members of the residence halls staff and will provide needed library, study, recreational, and student office space in residence halls in this area.

Funds are available in the maintenance reserves of the Housing Division.

Submitted herewith is a report from the Department of Plant and Services, 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. Jones, these contracts were awarded by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes,

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

#### LEASES WITH THE ILLINOIS BUILDING AUTHORITY

(17) The Board of Trustees 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.

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

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

<i>Project</i>	<i>Legislative Declaration</i>	<i>Amount of IBA Bonds</i>	<i>Amount of Rental Hereofore Paid Under Interim Lease</i>	<i>Annual Rent Due March 1, 1960, and on or before September 1, 1960, and on or before September 1 of Each Year Thereafter to June 30, 1992</i>	<i>Total Rental Payments</i>
Physical Education Building, Chicago Circle.....	\$6 904 435	\$4 250 000	\$491 180	\$294 475	\$7 558 580
Medical Research Laboratory Addition, Medical Center..	3 385 500	3 245 000	240 845	230 430	5 771 165
Library (Fifth Stack) Building Addition, and Women's (Freer) Gymnasium Addition, Urbana.....	3 001 600	2 720 000	213 530	192 665	4 837 490

The execution of the interim leases and payments made thereunder from appropriations made by the Seventy-fifth General Assembly were authorized by the Board on July 26, 1967. Funds for rental payments under the presently proposed leases during the current biennium 1967-69 are available to the University from appropriations made by the Seventy-fifth General Assembly.

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

#### Resolution Authorizing Leasing of Physical Education Building, Medical Research Laboratory Addition, Library (Fifth Stack) Building Addition, and Women's (Freer) Gymnasium Addition From Illinois Building Authority

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

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

- A. Construct Physical Education Building, Chicago Circle Campus..... \$6 904 435
- B. Construct Medical Research Laboratory Addition, Medical Center Campus..... \$3 385 500
- C. Construct Library (5th Stack) Building Addition, Urbana-Champaign Campus..... \$1 836 200
- D. Construct Women's (Freer) Gymnasium Addition, Urbana-Champaign Campus..... \$1 165 400

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

WHEREAS the amount designated for said projects as follows:

- A. Chicago Circle Campus  
IBA #75-05 Construct Physical Education Building..... \$4 250 000
- B. Medical Center Campus  
IBA #75-10 Construct Medical Research Laboratory Addition..... \$3 245 000
- C. Urbana-Champaign Campus  
IBA #75-16 Construct Library (5th Stack)  
Building Addition and;  
IBA #75-18 Construct Women's (Freer)  
Gymnasium Addition..... \$2 720 000

will not cause said aggregate amount to be exceeded; and

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

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

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

- A. Construction of a Physical Education Building at the Chicago Circle Campus at a cost to the Illinois Building Authority of \$4,250,000 requiring an initial rental on or before March 1, 1969, of the sum of \$294,475 and on or before September 1, 1969, the sum of \$294,475; and during each successive renewal term of the Lease, the annual sum of \$294,475 on or before the 1st of September of each year for 22 years with total rental payments of \$7,558,580.
- B. Construction of a Medical Research Laboratory Addition at the Medical Center Campus at a cost to the Illinois Building Authority of \$3,245,000 requiring an initial rental on or before March 1, 1969, of the sum of \$230,430; and on or before September 1, 1969, the sum of \$230,430; and during each successive renewal term of the Lease, the annual sum of \$230,430 on or before the 1st of September of each year for 22 years with total rental payments of \$5,771,165.
- C. Construction of a Library (5th Stack) Building Addition and a Women's (Freer) Gymnasium Addition at the Urbana-Champaign Campus at a cost to the Illinois Building Authority of \$2,720,000 requiring an initial rental on or before March 1, 1969, of the sum of \$192,665 and on or before September 1, 1969, the sum of \$192,665; and during each successive renewal term of the Lease, the annual sum of \$192,665 on or before the 1st of September of each year for 22 years with total rental payments of \$4,837,490.

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

#### LEASE OF SPACE AT 704 SOUTH SIXTH STREET, CHAMPAIGN

(18) The President of the University, with the concurrence of appropriate administrative officers, that the Board of Trustees request the University of Illinois Foundation to cancel the lease of the premises at 704 South Sixth Street, Champaign, part of first floor and the entire second floor, and enter into a new lease of the entire second floor only (5,940 square feet) of the same property at an annual



rental of \$11,880 for a period beginning on or about December 1, 1968, and extending until August 31, 1976. The present lease expires August 31, 1971. Credit would be given upon the rental payments for the unamortized value of the first floor improvements in the sum of \$8,900. The Foundation would sublease the space to the University at a rental indicated from the beginning of the lease period to June 30, 1969, and on a biennial basis thereafter.

This space is currently occupied by a portion of the Campus Architect's Office and by a portion of Visual Aids Service and these uses would be continued.

Funds for rental and operation until June 30, 1969, are available in the budget of the Department of Plant and Services. Funds required after that date will be requested in the budget of the Department of Plant and Services on an annual basis.

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

#### **AGREEMENT WITH COMMONWEALTH EDISON COMPANY FOR ELECTRICAL SERVICE FOR PHASE III, CHICAGO CIRCLE**

(19) The President of the University, with the concurrence of appropriate administrative officers, recommends that the Board authorize its Comptroller and Secretary to enter into an agreement with Commonwealth Edison Company, Chicago, for the installation of a third transformer at the Chicago Circle campus at a total cost of \$13,800. This equipment will provide for the increased electrical load that will be experienced with the completion of Phase III buildings, which are to be activated during the fall of 1969.

Funds are available in state capital appropriations to the University for 1967-69 and have been released by the Governor.

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

#### **AGREEMENT WITH SUN AIRLINES**

(20) The Director of the Institute of Aviation and the Vice President and Comptroller recommend approval of an agreement with Sun Airlines, a Missouri corporation located in St. Louis, Missouri, for the use of the University of Illinois-Willard Airport for the period October 18, 1968, to June 30, 1969. The agreement provides a non-exclusive right to use the airport as a landing area on the following terms:

1. Landing fees for each regular schedule or for each charter which actually uses the airport at the rate of eight and one-half cents per 1,000 pounds gross take-off weight.
2. Rental of office space at \$4.00 per square foot per year (a total of eighty square feet is assigned to Sun at a monthly rental of \$26.67). Basement storage space will be available at \$1.00 per square foot per year.
3. Use of the loud speaker system at a rental of \$10.00 per month.

I recommend approval.

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

#### **EASEMENT TO AND AGREEMENT WITH THE VILLAGE OF DOWNERS GROVE, ILLINOIS**

(21) The University owns 10.815 acres of land in Du Page County and leases 40.283 acres adjacent to it from the Trustees of the Morton Arboretum. This is the site of the University's Drug and Horticultural Experiment Station. The Village of Downers Grove proposes to construct a sanitary sewer through the leased land and has requested that the University allow it to use the University access road to reach its proposed facilities during the construction of the sewer and for the future maintenance of its sewer facilities. The Village of Downers Grove agrees to black-top and maintain the University's access road, including snow removal, and to protect University property.

The Village of Downers Grove further requests easements which will allow them to construct their sanitary sewer facilities through the land leased by the University and to operate, repair, and maintain these facilities.

In return for the granting of such easements and as a condition of the easements, the Village of Downers Grove will construct and maintain a new blacktop road through the leased land which will be available for use by the University and will take steps as required to protect the University's experimental soil plots during the period of construction and will make further provision for the protection of these soil plots as required by the University after the sewer construction has been completed.

Accordingly, the President of the University, with the concurrence of the appropriate administrative officers, recommends:

1. The Comptroller and the Secretary of the Board be authorized to execute an agreement with the Village of Downers Grove for the use of the University's access road in accordance with those considerations with which the Village of Downers Grove has agreed.
2. The adoption of the following resolution to grant easements as requested by the Village of Downers Grove.

#### Resolution

It is hereby resolved by The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, that the Comptroller and the Secretary of the Board of Trustees be and they hereby are authorized to execute, acknowledge, and deliver in the name and on behalf of this Corporation such instruments of conveyance, contract, or other document or documents as to them may seem necessary or desirable in order to effect the conveyance to the Village of Downers Grove, hereinafter referred to as the "Grantee", its successors or assigns, of right-of-way easements over, under and upon certain lands leased by the University from the Board of Trustees of the Morton Arboretum, with the right to construct, operate, repair and maintain a sanitary sewer thereon. These easements shall consist of:

1. A temporary easement over the following described property which shall terminate twenty-four months from the date of the easement.

A strip of land in Lot No. 1, Assessment Plat No. 3, of the Morton Arboretum in the Southeast quarter of Section 36, Township 39 North, Range 10 East, of the Third Principal Meridian in Du Page County, Illinois, bounded and described as follows:

Commencing at the Southeast corner of said Section 36; thence north along the east line of said Section 36 a distance of 361.50 feet more or less to the point of beginning; thence northwesterly along a line forming an angle of  $60^{\circ} 24' 49''$  to the left with the last described course extended a distance of 293.97 feet more or less; thence northwesterly along a line forming an angle of  $3^{\circ} 43' 54''$  to the left with the last described course extended a distance of 304.18 feet more or less; thence northwesterly along a line forming an angle of  $18^{\circ} 31' 28''$  to the right with the last described course extended a distance of 200.39 feet more or less; thence northwesterly along a line forming an angle of  $21^{\circ} 18' 01''$  to the left with the last described course extended a distance of 178.00 feet more or less; thence northeasterly along a line forming an angle of  $90^{\circ} 00' 00''$  to the right with the last described course extended a distance of 10.00 feet more or less; then northwesterly along a line forming an angle of  $90^{\circ} 00' 00''$  to the left of the last described course extended a distance of 46.69 feet more or less to a point on a line parallel to and 10.00 feet northeasterly of the northeasterly line of Parcel No. 38 of the Commonwealth Edison Company right-of-way described in Document No. 730153; thence northwesterly along said parallel line a distance of 27.09 feet more or less; thence southeasterly along a line forming an angle of  $158^{\circ} 20' 05''$  to the right with the last described course extended a distance of 253.63 feet more or less; thence southeasterly along a line forming an angle of  $21^{\circ} 18' 01''$  to the right with the last described course extended a distance of 200.89 feet more or less; thence southeasterly along a line forming an angle of  $18^{\circ} 31' 28''$  to the left with the last described course extended a distance of 301.57 feet more or less; thence southeasterly along a line forming an angle of  $3^{\circ} 43' 54''$  to the right with the last described course extended a distance of 283.26 feet more or less to the east line

of Section 36, Township 39 North, Range 10 East; thence south along the east line of said Section 36 a distance of 23.00 feet to the point of beginning.

A parcel of land 20.00 feet wide in Lot No. 1, Assessment Plat No. 3, and Section "C" of the Morton Arboretum in the Southeast quarter of Section 36, Township 39 North, Range 10 East, of the Third Principal Meridian in Du Page County, Illinois, bounded and described as follows :

Beginning at a point on the north line of Section "C" of the Morton Arboretum, said point being 40.00 feet northeasterly of (as measured perpendicular to) the northeasterly line of Parcel No. 38, of the Commonwealth Edison Company right-of-way as described in Document No. 730153; thence southeasterly along said parallel line a distance of 303.16 feet more or less, thence southwesterly along a line perpendicular to the last described course a distance of 20.00 feet more or less; thence northwesterly along a line perpendicular to the last described course a distance of 283.01 feet more or less; thence along a line forming an angle of  $44^{\circ} 47' 37''$  to the right with the last described course extended a distance of 28.39 feet more or less to a point of beginning.

2. A permanent easement over the following described property which shall terminate ninety days after the Grantee ceases to use said sanitary sewer facility :

A parcel of land in Lot No. 1, Assessment Plat No. 3, and Section "C" of the Morton Arboretum of the Southeast quarter of Section 36, Township 39 North, Range 10 East, of the Third Principal Meridian in Du Page County, Illinois, bounded and described as follows :

Commencing at the Southeast corner of said Section 36, thence north along the east line of said Section 36 a distance of 350.00 feet more or less to the point of beginning, thence northwesterly along a line forming an angle of  $60^{\circ} 24' 49''$  to the left with the last described course extended a distance of 299.32 feet more or less; thence northwesterly along a line forming an angle of  $3^{\circ} 43' 54''$  to the left with the last described course extended a distance of 305.49 feet more or less; thence northwesterly along a line forming an angle of  $18^{\circ} 31' 28''$  to the right with the last described course extended a distance of 200.14 feet more or less; thence northwesterly along a line forming an angle of  $21^{\circ} 18' 01''$  to the left with the last described course extended a distance of 199.55 feet more or less to the northeasterly right of way line of Parcel No. 38 of the Commonwealth Edison Company right-of-way as described in Document No. 730153; thence along the northeasterly line of said Commonwealth Edison Company right-of-way a distance of 596.87 feet more or less to the intersection with the northerly line of Section "C" of the Morton Arboretum; thence easterly along the northerly line of said Section "C" of the Morton Arboretum a distance of 56.37 feet more or less to a point lying 40.00 feet northeasterly as of (as measured perpendicular to) the northeasterly right-of-way line of said Commonwealth Edison right-of-way; thence southerly along a line perpendicular to the last described course a distance of 28.39 feet more or less to a point on a line 20.00 feet northeasterly of (as measured perpendicular to) the northeasterly right-of-way line of said Commonwealth Edison right-of-way; thence southeasterly along a line parallel to and 20.00 feet northeasterly of the northeasterly right-of-way line of said Commonwealth Edison right-of-way a distance of 283.01 feet more or less; thence along a course perpendicular to the last described course a distance of 10.00 feet more or less to a point on a line parallel to and 10.00 feet northeasterly of said northeasterly right-of-way line of the Commonwealth Edison Company right-of-way; thence southeasterly along said parallel line a distance of 225.00 feet more or less; thence southeasterly along a line forming an angle of  $21^{\circ} 39' 55''$  to the left with the last described course extended a distance of 46.69 feet more or less; thence southwesterly along a line forming an angle of  $90^{\circ} 00' 00''$  to the right with the last described course extended a distance of 10.00 feet more or less; thence southeasterly along a line forming an angle of  $90^{\circ} 00' 00''$  to the left with the last described course extended a distance of 178.00 feet more or less; thence southeasterly along a line forming an angle of  $21^{\circ} 18' 01''$  to the right with the last described course extended a distance of 200.39 feet more or less; thence southeasterly along a line forming an angle of  $18^{\circ} 31' 28''$  to the left with the last described course extended a distance of 304.18 feet more or less; thence southeasterly along a line forming an angle of  $3^{\circ} 43' 54''$  to the right with the last described course extended a distance of 293.97 feet more or less to the east line

of Section 36, Township 39 North, Range 10 East; thence south along said east line of Section 36 a distance of 11.50 feet more or less to the point of beginning.

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

#### **EMPLOYMENT OF ENGINEERS, URBANA**

(22) The President of the University, with the concurrence of appropriate administrative officers, recommends employment of Consoer, Townsend & Associates, Chicago, consulting engineers, for a study and report on the solid waste disposal operations on the Urbana-Champaign campus at a fee based on actual hours of professional personnel plus 165 per cent plus partners' time at an agreed rate per hour with the total fee not to exceed \$10,000.

Funds are available in the budget of the Department of Plant and Services.

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

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

#### **EMPLOYMENT OF SPECIAL COUNSEL**

(23) A suit has been filed in the Circuit Court of Cook County (68 CH 4424) by University Physical Plant Employees' Association, an unincorporated association, against the University and the College, University and School Employees' Union, Local 321 of Building Service Employees' International Union, AFL-CIO, a trade union. The complaint seeks declaratory judgment that the plaintiff, and not the trade union defendant, is entitled to be recognized as the exclusive bargaining agent for certain nonacademic employees.

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

I concur.

On motion of Mr. Clement, authority was given as recommended.

#### **CONTRACTS FOR SCHOOL OF MUSIC RECORDINGS, URBANA**

(24) The School of Music has been seeking an effective method of distributing recordings of performances of new music by contemporary composers as well as music of historical significance. Distribution through University channels has proved to be of limited effectiveness.

Metro-Goldwyn-Mayer Inc. has offered to enter into contracts with the University to produce two recordings featuring seven works by University of Illinois composers. It is proposed that Metro-Goldwyn-Mayer pay to the University \$750 per recording as a nonrefundable advance (against University royalties of two per cent of the retail list price of 90 per cent of all records sold containing the Illinois compositions).

The President of the University, with the concurrence of the Chancellor at Urbana, the Executive Vice President and Provost, and the Vice President and Comptroller, recommends that authority be granted to enter into the proposed agreements with Metro-Goldwyn-Mayer Inc.

On motion of Mr. Clement, authority was granted as recommended.

#### **PURCHASES**

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

The lists of purchases authorized and 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*

Purchases Recommended ..... \$218 700 72

*From Institutional Funds*

Purchases Recommended ..... \$177 804 14

Purchases Authorized ..... 7 990 00

\$185 794 14

*Grand Total* ..... \$404 494 86

A complete list of the purchases authorized and 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. Clement, the purchases authorized by the President were approved, and the purchases recommended were authorized.

**COMPTROLLER'S REPORT OF PURCHASES APPROVED**

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

This report was received for record.

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

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

**New Contracts**

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
Union Carbide Corporation, Nuclear Division	Analysis of a molten salt, supercritical water heat exchanger and throttle	\$ 14 700
United States Air Force F29601-69-C-0009	Investigation and analysis of the performance of the Illiac IV computer	39 984
United States Army: DAAA25-68-C0362	Feasibility study for the establishment of a systematic relationship between ductility and porosity in powder metallurgy parts	14 470
DAAG11-69-0-0178	Collection and analysis of raindrop data in the Panama Canal Zone	28 000
DADA 17-69-C-9026	A socio-medical study of the Lisu of Northern Thailand	43 687
United States Department of Health, Education, and Welfare OEG-0-9-232021-0769	Study of the acquisition of a complex assembly task by retarded adolescents	5 561
United States Department of State Sec-41020	Illinois Jazz band tour abroad	22 602
<i>Total</i>		<u>\$ 169 004</u>

**Change Orders**

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
Illinois Archaeological Survey	Archaeological salvage work consisting of testing and excavation of archaeological sites	\$ 9 344
United States Air Force AF-AFOSR-272-67	Research on electromagnetic properties of materials in the infrared-submillimeter range	37 000

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
United States Army: DA-31-124-ARO-D-359 DADA 17-67-C-7058	Research in experimental and theoretical physics Social and cultural structure of the relations between two groups in Mae Hongson in Western Thailand	\$ 147 917 8 440
United States Department of Health, Education, and Welfare OEG 3-7-070706-3118	Establish a national coordination center for the national laboratory in early childhood education	1 465 500
United States Navy N00014-67-A-0305-0004	Research on radio frequency spectroscopy	30 000
United States Office of Civil Defense OCD-PS-65-109	Courses in civil defense	131 892
<i>Total</i>		<hr/> \$1 830 093

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>
Associated Engineers, Inc.	Engineering services: Library Air Conditioning Center expansion	\$ 6 694
Barber and DeAtley, Inc.	Cost-plus contract: Art Studio and Sculpture buildings	16 000
	general Horticulture Field Laboratory	5 200
Cool-Rite Mechanical Contractors', Inc.	Cost-plus contract: piping	8 560
Jamar-Olmen Company	Cost-plus contract: ventilating	10 107
<i>Total</i>		<hr/> \$ 46 561

#### Summary

Amount to be paid to the University.....	\$1 999 097
Amount to be paid by the University.....	46 561

This report was received for record.

#### SALE OF LAND IN THE GUY M. BECKWITH ESTATE

(28) Mr. Guy M. Beckwith of Will County, Illinois, died on January 29, 1966, and left the residue of his estate, including 934 acres of farmland in Will County, to the University of Illinois. Mr. Beckwith's widow filed a renunciation of the will, thereby becoming entitled to an undivided one-half of the estate.

The Board of Trustees at its meeting on July 26, 1967, authorized an agreement with her which provided for the division of the estate between the parties. Included in the property acquired by the University under the settlement arrangement was a tract of about one acre, title to which was subject to an installment sales contract entered into by Mr. Beckwith prior to his decease. The purchasers, Mr. and Mrs. Lloyd D. Harstedt, now desire to complete the contract by paying the University the balance due of \$5,780.11 and receiving in return a deed from the University conveying title to the property.

The President of the University, with the concurrence of appropriate administrative officers, recommends that the Comptroller and the Secretary be authorized to complete this contract for the balance due upon the purchase price and the adoption of the following resolution.

#### Resolution Authorizing Transfer of One Parcel of Real Property in Will County, Illinois

WHEREAS, the hereinafter described tract is part of certain real estate which the University of Illinois received under the Last Will and Testament of Guy M. Beckwith, deceased; and

WHEREAS, prior to his death, Guy M. Beckwith entered into an installment contract for the sale of the hereinafter described property to Lloyd D. Harstedt and Inge Harstedt for a purchase price of \$7,500.00 upon which contract there now remains due and owing \$5,780.11; and

WHEREAS, Lloyd D. Harstedt and Inge Harstedt now wish to complete the contract by paying the balance due on the purchase price;

*Now Therefore*, 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 the Comptroller and Secretary of this corporation be, and they hereby are, authorized and directed to execute, acknowledge, and deliver in the name of, and in behalf of, this 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 Lloyd D. Harstedt and Inge Harstedt title to the following described real property, viz;

The South One hundred twenty-eight (128) feet of the East Three hundred forty (340) feet, of the Southeast Quarter (SE ¼) of Section Twenty-five (25), Township thirty-two (32) North, Range Ten (10) East of the Third Principal Meridian, Will County, Illinois.

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

#### ANNOUNCEMENTS FROM THE PRESIDENT OF THE BOARD

The President of the Board called attention to the dates for the next three meetings of the Board to be held on December 18, 1968, at Chicago Circle; January 15, 1969, at Urbana; and on February 19, 1969, place to be determined later.

On motion of Mr. Clement, the Board voted to change the date of the annual meeting to March 19, 1969, to be held in Urbana.

#### REGULAR MEETING RECESSED

On motion of Mr. Grimes, the meeting was recessed.

#### 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.

#### EXCHANGE OF LAND WITH HILLEL FOUNDATION TO FACILITATE CONSTRUCTION OF PARKING STRUCTURE, URBANA

(29) The University is proceeding with planning for construction of Phase I of the parking structure to be located on a portion of the block bounded by John, Sixth, Daniel, and Fifth streets, Champaign. The phasing of this project contemplates the construction of two structures in Phase I, one in the northeast corner and one in the southwest corner of this block. Phase II anticipates construction of one structure on the southeast corner of this block subject to completion of negotiation for acquisition of this site.

To facilitate the construction of the structure in the southwest corner of the site, it has been recommended by the architects that it would be to the University's benefit to exchange certain parcels of land with the Hillel Building Fund, Inc.—Hillel Foundation—which owns an irregular shaped lot on the northwest corner of the block.

The University has met with representatives of Hillel and has offered to exchange a strip of University-owned land of approximately 20 feet by ninety-nine feet for a strip of land of approximately the same size at the rear of the Hillel property with no compensation to either the University or Hillel. The Hillel Board is agreeable to this offer to exchange, subject to the approval of their national board.

Accordingly, the President of the University with the concurrence of appropriate administrative officers, recommends that this exchange be authorized and the following resolution adopted.

**Resolution Authorizing Exchange of Part of University Property  
at 806 South Fifth Street, Champaign, Illinois, For Part of Hillel  
Building Fund, Inc. Property at 505 East John Street,  
Champaign, Illinois**

*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, hereinafter referred to as "University," that the Comptroller and Secretary of this University, be, and they hereby are, authorized for, and in the name of, and on behalf of, this University to enter into an agreement with Hillel Building Fund, Inc., a not for profit corporation of the State of Illinois, hereinafter referred to as "Hillel" providing for the conveyance to University of title to that portion of the property located at 505 East John Street, Champaign, Illinois, described as follows:

The South Twenty (20) feet of Lot Four (4) in Block Fourteen (14) of Assessor's Subdivision of Blocks Ten (10), Eleven (11) and Fourteen (14) of J. S. Wright's Addition to the City of Champaign, situated in the City of Champaign, in the County of Champaign, and State of Illinois.

and which tract is hereinafter referred to as "Tract B," in consideration of the Conveyance by University to Hillel of that portion of the property located at 806 South Fifth Street, Champaign, Illinois hereinafter described and referred to as "Tract A" and upon the following terms and conditions:

1. Title shall be conveyed by each party to the other by Warranty Deed in fee simple free and clear of any and all liens and encumbrances.
2. Any taxes or assessments that become a lien on the properties to be exchanged on or before the date of the exchange shall be paid by the respective grantor.
3. University shall furnish Hillel with an owners title policy on Tract A in the sum of sixteen thousand dollars and Hillel shall furnish University with an owners title policy on Tract B in the sum of sixteen thousand dollars.
4. Title to and possession of Tract A and Tract B shall be exchanged on or before May 15, 1969.
5. Such other terms and conditions as said Comptroller and Secretary may deem necessarily or desirable.

*Be It Further Resolved* that upon compliance with the terms of said agreement by Hillel, and in accordance with the terms thereof, said Comptroller and Secretary be, and they hereby are, authorized and directed, to execute, acknowledge, and deliver, in the name, and in behalf of, this University, 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 Hillel title to the property hereinabove referred to as Tract A and described as follows, viz:

The North Twenty (20) feet of the South Seventy-five and Five Tenths (75.5) feet of Lot Five (5) in Block Fourteen (14) of Assessor's Subdivision of Blocks Ten (10), Eleven (11) and Fourteen (14) of J. S. Wright's Addition to the City of Champaign, situated in the City of Champaign, in the County of Champaign, and State of Illinois.

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

**PURCHASE OF PROPERTY AT 1010 WEST CALIFORNIA AVENUE,  
URBANA**

(30) On April 17, 1968, the Board of Trustees adopted a resolution that the property at 1010 West California Avenue, Urbana, was needed by the University for educational purposes and that title to subject land would be acquired by exercise



of its right of eminent domain through condemnation proceedings. In addition, the Board authorized settlement within appraisals received by the University. Negotiations have continued with the owners who are now willing to accept a price within the University appraisals.

Accordingly, the President of the University with the concurrence of appropriate administrative officers, recommends that the property at 1010 West California Avenue, Urbana, be purchased at a price of \$31,680. The property consists of a lot 70 feet by 90 feet (6,300 square feet) and is improved with a two-story frame residence.

Funds are available in state capital appropriations to the University for 1967-69 and have been released by the Governor.

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

On motion of Mr. Clement, the Board adjourned.

EARL W. PORTER  
*Secretary*

TIMOTHY W. SWAIN  
*President*

#### TOUR OF THE REHABILITATION CENTER

Following the luncheon, the Trustees and officers of the University toured the Rehabilitation Center.

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

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**December 18, 1968**



The December meeting of The Board of Trustees of the University of Illinois was held in Room 509-510 of the Chicago Circle Center on the Chicago Circle campus, on Wednesday, December 18, 1968, beginning at 9:30 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. Ray Page, Mr. Harold Pogue, Mr. Timothy W. Swain, Mr. Kenney E. Williamson. Mr. Theodore A. Jones, Governor Samuel H. Shapiro, and Dr. James A. Weatherly were absent.

Also present were President David D. Henry; Executive Vice President and Provost Lyle H. Lanier; Chancellor Joseph S. Begando, University of Illinois at the Medical Center; Chancellor J. W. Peltason, University of Illinois at Urbana-Champaign; Chancellor Norman A. Parker, University of Illinois at Chicago Circle; Dr. Eldon Johnson, Vice President of the University; Mr. C. S. Havens, University Director of Physical Plant Planning and Construction; Mr. C. E. Flynn, Assistant to the President and University Director of Public Information; Mr. James J. Costello, University Counsel; and 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 June 19, 1968, press proof copies of which had previously been sent to the Board.

On motion of Mr. Clement, the minutes were approved as printed on pages 1041 to 1194 inclusive.

**BUSINESS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY**

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

**PRESIDENT'S REPORT**

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.

**STATEMENT ON PENDING DISCIPLINARY PROCEEDINGS**

Mr. Hughes presented the following statement for consideration of the Board.

The Trustees have been informed about the disciplinary actions stemming from the September 9 and 10 incidents in the Illini Union at the Urbana campus. The Trustees have not had an opportunity to examine the several reports of the disciplinary subcommittees, and indeed, understand that some twenty-five cases are still to be heard and judged.

It is clear that the disciplinary process of the subcommittees relating to these incidents soon will be completed. The President of the University is requested to report at the next meeting of the Board (on January 15, 1969) all aspects of the actions taken, including the extent to which the guidelines adopted by the Urbana Senate Committee on Student Discipline, and endorsed by the Board of Trustees on September 18, have been followed by the subcommittees. On that date the Board stated:

The Trustees do not expect on the one hand that illegal actions will be tolerated; neither on the other hand do they expect that those who are accused of such acts will receive capricious judgment. Therefore, the Board heartily endorses the firm yet fair statement of the Urbana Senate Committee on Student Discipline which provides guidance for the disciplinary procedure now in process.

On receipt and study of the President's report, and those issued by the Senate subcommittees and the Senate committee, the Trustees will be in a position to express their concerns and to determine what action, if any, is indicated to ensure that the disciplinary procedures in practice implement the policies enunciated by the Faculty Senate and the Board of Trustees.

On motion of Mr. Hughes, this statement was unanimously approved.

**RECOMMENDATIONS, BOARD OF HIGHER EDUCATION, ON THE BIENNIAL BUDGET REQUEST FOR OPERATIONS, 1969-71**

(1) On September 18 and October 16, 1968, the Board of Trustees adopted a budget request for the operation of the University of Illinois in the biennium 1969-71, to be presented to the Governor and the General Assembly, and authorized the President of the Board, the Chairman of the Finance Committee of the Board, and the President of the University to present the budget to the appropriate offices, officials, and agencies.

State appropriations to the University for operations during the present biennium were made in two total amounts: (a) \$267,812,658 from General Revenue and University Income funds; (b) \$1,370,000 from the Agricultural Premium Fund for expenses of county cooperative extension offices. The University requested that these amounts be increased for 1969-71, respectively, by \$114,773,786 and \$324,908—to provide the following totals: (a) \$382,586,444 from General

Revenue and University Income; (b) \$1,694,908 from the Agricultural Premium Fund.

As a part of the budgetary review process, the budgets were submitted to the Illinois Board of Higher Education which has taken official action to make certain recommendations concerning the items of increase requested by the University. All of the increase requested from the Agricultural Premium Fund was approved; reductions totaling \$9,314,290 were recommended in the budget proposed for funding from General Revenue and University Income.

The reductions recommended by the Board of Higher Education are reflected in five tables submitted herewith, copies of which are being filed with the Secretary of the Board.

In summary, for operations the Board of Trustees requested an increase of \$114,773,786 which amounted to an increase of 43 per cent over the amount available for the 1967-69 biennium. The Board of Higher Education approved a request for an increase of \$105,459,496, a 39 per cent increase.

The budget request as originally presented is considered valid, conservative in view of the University's responsibility to meet its obligations to the state, and consistent with a realistic appraisal of the needs of the University.

However, after extensive discussion with other administrative officers, I recommend that the University budget request be modified to conform to the recommendations of the Board of Higher Education and that the University representatives be authorized to proceed accordingly.

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

#### AWARD OF CERTIFIED PUBLIC ACCOUNTANT CERTIFICATES

(2) 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>
WALTER EDWARD HANSON	Darien, Connecticut	Minnesota
FRANK ILETT, JR.	Chicago, Illinois	Idaho
HARRY CRUME MEYERS	Libertyville, Illinois	Ohio
DONALD LEWIS SCHAEFER	Creve Coeur, Missouri	Missouri
PAUL JULIAN VOGT	St. Louis, Missouri	Missouri

I concur.

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

#### HEADSHIP OF THE DEPARTMENT OF FORESTRY, URBANA

(3) The Dean of the College of Agriculture, Urbana, recommends the appointment of Professor William R. Boggess, presently Professor of Forestry and Acting Head of the Department, as Professor of Forestry on indefinite tenure and Head of the Department of Forestry beginning January 1, 1969, on a twelve-month service basis, at an annual salary of \$21,400.

Professor Boggess will succeed Professor T. E. Avery who resigned as Head of the Department effective September 1, 1968.

The nomination of Professor Boggess was made with the advice of a search committee<sup>1</sup> and is supported by the Executive Vice President and Provost, the Chancellor at Urbana, and the Dean of the Graduate College at Urbana.

I concur.

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

<sup>1</sup> William H. Luckmann, Professor of Agricultural Entomology, *Chairman*; T. W. Curtin, Assistant Professor of Forestry Extension; James W. Gerdemann, Professor of Plant Pathology; I. Irving Holland, Professor of Forest Economics; Charles S. Walters, Professor of Wood Technology and Utilization in Forestry.

### APPOINTMENTS TO THE FACULTY

(4) 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; W— one-year appointment subject to special written agreement, without commitment for an indefinite term appointment or for service credit in a probationary period; 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 basis).

#### Chicago Circle

1. TED BOHDAN BELYTSCHKO, Assistant Professor of Structural Mechanics, Department of Materials Engineering, beginning September 1, 1968 (1), at an annual salary of \$11,000.
2. PING-CHIEN CHUANG, Assistant Professor of Electrical Engineering, Department of Information Engineering, beginning January 1, 1969 (1), at an annual salary of \$10,500.
3. CAROL C. ESLER, Assistant Professor of Classics, Department of English, beginning September 1, 1968 (3), at an annual salary of \$9,000.
4. RAYMOND L. RICHMAN, Professor of Economics, College of Business Administration, beginning January 1, 1969 (A), at an annual salary of \$22,000.
5. THOMAS M. SMITH, Assistant Professor of Electrical Engineering, Department of Information Engineering, beginning January 1, 1969 (1), at an annual salary of \$12,000.
6. MARTIN WACHS, Assistant Professor of Systems Engineering, for the spring quarter 1968-69 (G), at an annual salary of \$11,500.

#### Medical Center

7. HAROLD S. GOODMAN, Associate Professor of Microbiology, Department of Obstetrics and Gynecology, College of Medicine, beginning October 1, 1968 (AY), at an annual salary of \$21,000.
8. RUVEN LEVITAN, Associate Professor of Medicine, on one-fifth time, beginning October 1, 1968 (WY20), at an annual salary of \$4,000.
9. BEHROOZ ZAHED, Assistant Professor of Anesthesiology in Surgery, College of Medicine, beginning October 1, 1968 (IY), at an annual salary of \$22,000.

#### Urbana-Champaign

10. JIMMY HOWARD CLARK, Assistant Professor of Nutrition, Department of Dairy Science, Agricultural Experiment Station, beginning November 12, 1968 (WY), at an annual salary of \$12,200.

#### Visiting Staff

11. PAUL CARROLL, Visiting Professor of English, Chicago Circle, for the academic year 1968-69, on one-half time (E50), at a salary of \$7,500.
12. MARTIN HENRY GARRELL, Visiting Assistant Professor of Physics, Chicago Circle, for the academic year 1968-69 (E), at a salary of \$10,000.
13. DONALD L. GRAF, Visiting Professor of Geology, Urbana, for the period from January 6 through March 14, 1969 (G), at a salary of \$6,500.
14. EMMET LARKIN, Visiting Professor of History, Chicago Circle, on 50 per cent time, for fall and winter quarters, 1968-69 (D50), at a salary of \$4,500.
15. GEORGE A. MATZKANIN, Visiting Assistant Professor of Physics, Chicago Circle, for the academic year 1968-69 (E), at a salary of \$9,600.
16. JOHN HAZEL SMITH, Visiting Professor of English, Urbana, for the second semester 1968-69 (D), at a salary of \$10,500.
17. KENTARO YANO, George A. Miller Visiting Professor of Mathematics, Ur-

bana, for the period from September 16, 1968, through January 31, 1969 (E), at a salary of \$10,000.

#### **Administrative Appointment**

18. JAMES P. MARTIN, Associate University Counsel (Legal Counsel at the Medical Center), beginning October 1, 1968 (BY), at an annual salary of \$18,000. On motion of Mr. Grimes, these appointments were confirmed.

#### **UNDERGRADUATE MAJOR AND MINOR IN SOCIAL WELFARE, URBANA**

(5) The Urbana-Champaign Senate has approved a proposal, sponsored by the Jane Addams Graduate School of Social Work and the College of Liberal Arts and Sciences, for an inter-departmental undergraduate program in social welfare which satisfies the basic requirements of the sciences and letters curriculum leading to the degree of A.B. or B.S.

A 1965 report published by the United States Department of Health, Education, and Welfare estimated that at least twenty times as many graduates with baccalaureate degrees are needed on a national basis to fill existing demand for social work personnel, as were then being produced. In Illinois, as in the nation as a whole, the social work manpower shortage is severe.

Projections by program planners and graduate schools of social work indicate that a high proportion of social workers holding undergraduate degrees will continue to be required in the years ahead.

The proposed program will present fundamental knowledge on which the social work student can build as he enters practice in a social welfare setting or as he pursues graduate education.

In order to provide the necessary inter-disciplinary background to the field of social welfare, students electing a major in social welfare will be required to complete the basic requirements of the sciences and letters curriculum; complete a course in statistics or non-statistical research methodology; complete at least twelve hours in courses in social work; and complete at least twenty-eight hours in selected courses from eight departments.<sup>1</sup> Completion of these requirements will, in addition, satisfy the minor requirements of the sciences and letters curriculum.

The Senate Coordinating Council advises that no further Senate jurisdiction is involved.

This proposal has been approved by the Chancellor at the Urbana-Champaign campus and by the Executive Vice President and Provost.

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

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

#### **REORGANIZATION OF THE BUREAU OF INSTITUTIONAL RESEARCH**

(Modification of Section 2 of *The General Rules Concerning University Organization and Procedure*)

(6) The Bureau of Institutional Research is now organized under the following section of *The General Rules Concerning University Organization and Procedure*, for the purpose of conducting administrative studies of certain University operations:

Sec. 2. The Bureau of Institutional Research, serving as a fact-finding agency for the University, shall study the academic loads and their budgetary implications. It shall make such reports as are asked by the President, the Vice-President and Provost, or the Vice-President and Comptroller.

The Director of the Bureau shall be appointed by the Board of Trustees on nomination by the President and on recommendation of the Vice-President and Provost.

With the establishment of the chancellorship system, it has become desirable to differentiate the University-wide from the campus-level activities of the Bureau, and to establish corresponding organizational arrangements. Accordingly,

<sup>1</sup>The departments are Anthropology, Economics, History, Home Economics, Philosophy, Political Science, Psychology, and Sociology.

the Executive Vice President and Provost, with the concurrence of the three chancellors, has recommended that the Bureau of Institutional Research be organized through the establishment of the following administrative units: University Bureau of Institutional Research, Office of Administrative Studies at Chicago Circle, Office of Administrative Studies at the Medical Center, and Office of Administrative Studies at Urbana-Champaign.

The present Director of the Bureau of Institutional Research, Dr. G. J. Froehlich, will continue as Director of the University Bureau of Institutional Research. He will report to the Executive Vice President and Provost, and he will be responsible both for administrative supervision over the activities of the University Bureau and for coordination of the activities of the several campus offices as regards the information and analyses needed for general University purposes.

In general, the University Bureau of Institutional Research will be concerned with University-wide aspects of: (a) staff utilization and work-load standards; (b) policies and procedures relative to the gathering, encoding, and analysis of institutional data; (c) preparation of periodic and special reports; (d) liaison relationships in this field with appropriate state and federal agencies and with professional organizations—as approved by the Executive Vice President and Provost.

Each campus Office of Administrative Studies will be headed by a director who reports to the Chancellor. As directed by the Chancellor, the campus Office of Administrative Studies will collect and analyze data relative to faculty and staff activities, departmental teaching loads, program costs, and such other aspects of campus operations as the Chancellor might specify. In addition, the campus office will provide to the Director of the University Bureau of Institutional Research such data and reports as are required for use by the University Bureau in performing its assigned functions.

I have approved these administrative changes and request authorization to make appropriate modifications in *The General Rules Concerning University Organization and Procedure*.

On motion of Mr. Pogue, authority was given as requested.

#### **SPECIAL UNDERGRADUATE INSTRUCTIONAL AWARDS FOR PROJECTS COMPLETED DURING THE SUMMER OF 1968**

(7) At its meeting on March 20, 1968, the Board of Trustees approved a total of eighteen projects, involving twenty-three individuals, for support during the summer of 1968 under the program of Undergraduate Instructional Awards. These awards provided a full-time salary for two months to the recipients for work on projects designed to improve the quality of undergraduate instruction.

It was announced at the Board meeting on March 20, 1968, that special awards of \$1,000 each would be made to those individuals whose completed projects were judged to be the most outstanding in terms of probable contribution to undergraduate education. A total of \$6,000 has been made available for this purpose by the Standard Oil (Indiana) Foundation.

The chancellors at the Chicago Circle and the Urbana-Champaign campuses each appointed a special committee to review the reports submitted by the grantees following the completion of their projects last summer. The committees were asked to select the most meritorious projects for recommendation to their respective Chancellors. The Chancellors, in turn, forwarded their recommendations to the Executive Vice President and Provost, who established a special committee to review the projects recommended from the two campuses.

As a result of these procedures of review and evaluation, the Executive Vice President and Provost recommends that special awards of \$1,000 for each of the following projects be made—the award to be divided equally where more than one faculty member is involved.

#### **Chicago Circle Campus**

A Laboratory Manual in Chemical Engineering—David S. Hacker, Associate Professor of Energy Engineering, and Chaim Gutfinger, Associate Professor of Energy Engineering.

Development of an Interdisciplinary Course in French Civilization—George Hup-

pert, Assistant Professor of History, and Edna S. Epstein, Assistant Professor of French.

### Urbana-Champaign Campus

The Development of an Audio-Tutorial "Learning Center" for Introductory Biology — George H. Kieffer, Assistant Professor of Zoology in Life Sciences.

Development of an Undergraduate Laboratory Program in Thermodynamics — Frank A. Morrison, Jr., Assistant Professor of Mechanical Engineering.

Instructional Materials for Courses in Transistor Circuits — Thomas A. Murrell, Associate Professor of Electrical Engineering and of Computer Science.

A Coordinated Two-Year Basic Design and Drawing Program for the Six-Year Curriculum in Architecture — Claude A. Winkelhake, Professor of Architecture, and Nicholas Britsky, Professor of Art.

I concur.

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

### APPROPRIATIONS FOR NONRECURRING EXPENDITURES, URBANA

(8) After review by the Urbana-Champaign Committee on Nonrecurring Appropriations, the Chancellor recommends the following appropriations from the Urbana-Champaign General Reserve:

College of Fine and Applied Arts:

Krannert Center for the Performing Arts — movable equipment. . . . . \$ 44 750  
Renovation and remodeling for which funds are assigned  
to the Physical Plant Department:

Replacement of North and Center Stack Elevators in the  
General Library . . . . . 135 250

*Total* . . . . . \$180 000

The Executive Vice President and Provost and the Vice President and Comptroller concur.

I recommend approval.

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

### CONTRACT FOR CONSTRUCTION OF THE UNDERGROUND UTILITIES TUNNEL EXTENSION INCLUDING ELECTRICAL DUCT WORK TO BEHAVIORAL SCIENCES BUILDING, CHICAGO CIRCLE

(9) The President of the University, with the concurrence of appropriate administrative officers, recommends award of a construction contract in the amount of \$743,743 to E. H. Marhoefer Jr. Co., Franklin Park, the low bidder, for the construction of an underground utilities tunnel, including electrical duct work, to the Behavioral Sciences Building at the Chicago Circle campus.

Funds are available in state capital appropriations to the University for 1967-69 and have been released by the Governor.

This project was originally bid on May 28, 1968. The Board on June 19, 1968, authorized the award of a contract to the low bidder subject to release of available funds by the Governor. The funds were not released and the contractor was unwilling to extend the period within which the bids could be held. Therefore, the President, upon the recommendation of the Director of Physical Plant Planning and Construction and the Vice President and Comptroller, rejected the bids.

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

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



**CONTRACT FOR UNDERGROUND TUNNEL PIPING SYSTEM  
TO THE BEHAVIORAL SCIENCES BUILDING, CHICAGO CIRCLE**

(10) The President of the University, with the concurrence of appropriate administrative officers, recommends award of a contract in the amount of \$99,250 to Delta Piping Company, Chicago, the low bidder, for furnishing and installing the underground tunnel piping system to the Behavioral Sciences Building at the Chicago Circle campus.

Funds are available in state capital appropriations to the University for 1967-69 and have been released by the Governor.

The project was originally bid on June 18, 1968. Prior to award on those bids, it was discovered that the bid documents were ambiguous and inconsistent; therefore, the President, upon the recommendation of the Director of Physical Plant Planning and Construction and the Vice President and Comptroller, rejected the bids.

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

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

**CONTRACT FOR ELECTRICAL DISTRIBUTION SYSTEM  
TO SCIENCE AND ENGINEERING SOUTH BUILDING AND  
BEHAVIORAL SCIENCES BUILDING, CHICAGO CIRCLE**

(11) The President of the University, with the concurrence of appropriate administrative officers, recommends award of a contract in the amount of \$133,967 to G & M Electrical Contractors Co., Chicago, the low bidder, for the furnishing and installation of the electrical distribution system to the Science and Engineering South building and Behavioral Sciences Building, Chicago Circle.

Funds are available in state capital appropriations to the University for 1967-69 and have been released by the Governor.

The project was previously advertised on August 8, 1968. The Board on August 20, 1968, authorized award of this contract. However, prior to execution of the contract it was discovered that the project had not been advertised in accordance with provisions of the Illinois Purchasing Act and the bids were subsequently rejected by the President upon the recommendation of the Director of Physical Plant Planning and Construction and the Vice President and Comptroller. The project was then advertised as required by law.

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

**CONTRACT FOR THERMAL INSULATION FOR UNDERGROUND  
TUNNEL PIPING TO THE SCIENCE AND ENGINEERING  
SOUTH BUILDING, CHICAGO CIRCLE**

(12) The President of the University, with the concurrence of appropriate administrative officers, recommends award of a contract in the amount of \$26,639 to Asbestos & Magnesia Materials Co., Chicago, the low bidder on the base bid, for the furnishing and installation of thermal insulation for the underground tunnel piping to the Science and Engineering South building, Chicago Circle campus.

Funds are available in state capital appropriations to the University for 1967-69 and have been released by the Governor.

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

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

**CONTRACTS FOR REMODELING IN UNIVERSITY HALL,  
CHICAGO CIRCLE**

(13) The President of the University, with the concurrence of appropriate administrative officers, recommends award of the following construction contracts for remodeling the third floor of University Hall, Chicago Circle campus, for the College of Liberal Arts and Sciences, the award in each case being to the low bidder.

General — Vee See Construction Company, Inc., Oaklawn .....	\$ 71 315
Heating and Refrigeration — Midstates Heating Company, Chicago ....	11 987
Ventilation and Air Conditioning —	
Jamar-Olmen Company, Elk Grove Village .....	8 690
Electrical — Midwest Interstate Electrical Construction	
Company, Chicago .....	16 900

The plans and specifications comply with the requirements of the Facilities for the Handicapped Act.

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

Submitted herewith is a report from the Physical Plant Planning and Construction Office, including a schedule of bids received, a copy of which is being filed with the Secretary of the Board for record. It is further recommended that the informality in the bid of Jamar-Olmen Company, Elk Grove Village, described in the report, be waived.

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

**REQUEST TO THE ILLINOIS BUILDING AUTHORITY TO CONTRACT  
FOR PIPING SYSTEMS AND MISCELLANEOUS WORK AT THE  
UTILITIES BUILDING ADDITION, PHASE III, CHICAGO CIRCLE**

(14) The President of the University, with the concurrence of appropriate administrative officers, recommends that the Illinois Building Authority be requested to award to Northwestern Industrial Piping Co., Niles, Illinois, the low base bidder, a contract in the amount of \$609,000, for the furnishing and installation of the piping systems and miscellaneous work at the Utilities Building Addition, Phase III, which is being done in connection with the installation of the heating, cooling, and electrical equipment at the Chicago Circle campus, and proceed to procure this work for the use of the University.

The above work is part of the project for Chicago Circle, Phase III, construction which the Board, on July 26, 1967, requested the Illinois Building Authority to provide. The Authority will finance the construction and lease the facilities to the University for rental payments for which state appropriations are available. Jurisdiction of the land has been transferred to the Authority.

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

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

**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 Northwestern Industrial Piping Co., 7475 Oak Park Avenue, Niles, Illinois, a contract for the installation of the piping system and miscellaneous work, all a part of the construction of the Utilities Building Addition (Utilities Center Addition), Chicago Circle for the fixed price of \$609,000.

*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. Grimes, the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Page, Mr. Pogue, Mr. Swain, Mr. Williamson; no, none; absent, Mr. Jones, Governor Shapiro, Dr. Weatherly.

**REQUEST TO ILLINOIS BUILDING AUTHORITY TO CONTRACT FOR  
ELECTRICAL INSTALLATION WORK AT THE UTILITIES BUILDING  
ADDITION, PHASE III, CHICAGO CIRCLE**

(15) The Illinois Building Authority received bids on December 4, 1968, for electrical installation work at the Utilities Building Addition, Phase III, which is being done in connection with the installation of heating, cooling, and electrical equipment at the Chicago Circle campus. The apparent low base bid was submitted by Gilbert-Hodgman, Inc., Chicago, with a price of \$212,000. Their bid, however, failed to comply with the instructions to bidders and is considered incomplete and not responsive. The only other bid was received from Harmon Electric Co., Melrose Park, with a base bid of \$215,333. This bid complies with the specifications and the engineers, Sargent & Lundy, recommend its acceptance.

Accordingly, the President of the University, with the concurrence of appropriate administrative officers, recommends that the Illinois Building Authority be requested to award to Harmon Electric Co., the lowest acceptable base bidder, a contract on the base bid in the amount of \$215,333 and proceed to procure this work for the use of the University.

The above work is part of the project for Chicago Circle, Phase III, construction which the Board, on July 26, 1967, requested the Illinois Building Authority to provide. The Authority will finance the construction and lease the facilities to the University for rental payments for which state appropriations are available. Jurisdiction of the land has been transferred to the Authority.

It is also recommended that the Comptroller and the Secretary of the Board be authorized to make, execute, acknowledge, and deliver such instruments of transfer, conveyance, lease, contract, and other documents as necessary to provide for the carrying out of the foregoing project by the Illinois Building Authority. It is further recommended that the resolution submitted herewith be adopted 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 Harmon Electric Co., 20 North 9th Avenue, Melrose Park, Illinois 60160, a contract for Electrical Installation Work at the Utilities Building Addition, Phase III (Utilities Center Addition), Chicago Circle campus, for the fixed price of \$215,333.

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

**CONTRACTS FOR REMODELING IN FIRST UNIT DENTISTRY-  
MEDICINE-PHARMACY BUILDING MEDICAL CENTER**

(16) The President of the University, with the concurrence of appropriate administrative officers, recommends the award of the following contracts for remodeling in the Department of Anatomy on the fifth floor of the first unit, Dentistry-Medicine-Pharmacy Building, at the Medical Center campus, the award in each case being to the low base bidder.

General — Mutual Contracting Company, Chicago .....	\$28 296
Plumbing — Peter H. Smith Company, Chicago .....	5 240
Heating, Air Conditioning and Process Piping — C. W. Johnson, Inc., Chicago .....	13 210
Ventilation — A C Company, Chicago .....	2 720
Electrical — Midwest Interstate Electrical Construction Company, Chicago .....	11 663
<i>Total</i> .....	<u>\$61 129</u>

It is further recommended that all contracts other than the contract for general work be assigned to the general contractor, making the total contract price \$61,129, and that an agreement be entered into with Mutual Contracting Company for the assignment of these other contracts. The amount bid by that company for the supervision of other contracts assigned to the general contractor is included in the contract price.

The work consists of revision of partitions, air conditioning, new laboratory equipment, new lighting, new resilient flooring, and painting.

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

Submitted herewith is 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. Hughes, Mr. Page, Mr. Pogue, Mr. Swain, Mr. Williamson; no, none; absent, Mr. Jones, Governor Shapiro, Dr. Weatherly.

**CONTRACT FOR ORCHARD APARTMENTS LIGHTNING  
PROTECTION, URBANA**

(17) The President of the University, with the concurrence of appropriate administrative officers, recommends award of a contract to Security Manufacturing & Contracting Company, Burlington, Wisconsin, the low bidder, for the sum of \$33,895, for lightning protection for the Orchard Apartments, Urbana-Champaign campus.

Funds are available in the maintenance reserves of the Housing Division.

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

**REQUEST TO THE ILLINOIS BUILDING AUTHORITY TO CONTRACT  
FOR CONSTRUCTION OF THE FOREIGN LANGUAGES  
BUILDING, URBANA**

(18) On November 22, 1968, the Illinois Building Authority received bids for construction of the Foreign Languages Building at the Urbana-Champaign campus. This project is one that the Board at its meeting on July 26, 1967, requested the Illinois Building Authority to provide. The plans and specifications comply with the requirements of the Facilities for the Handicapped Act. The Authority will finance the construction of the building and lease the facility to the Univer-

sity. Funds for rental payments are available in state appropriations to the University. The Illinois Building Authority will request, at a later date, that jurisdiction of the land on which the project will be constructed be transferred to the Authority.

The low base bid was submitted by McCarthy Bros. Construction Company, St. Louis, Missouri, in the amount of \$4,598,727. The only other bid was received from J. L. Simmons Co., Decatur, Illinois. There are no irregularities in the bid proposal of the low bidder, which is deemed fully qualified to construct this project.

Accordingly, the President of the University, with the concurrence of appropriate administrative officers recommends that:

1. The Illinois Building Authority be requested to award a construction contract for the sum of \$4,598,727 to McCarthy Bros. Construction Company, St. Louis, Missouri, the low base bidder, and proceed to procure this facility for the use of the University.
2. 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 carrying out of the foregoing project and facility by the Illinois Building Authority.
3. The adoption of the Resolution submitted herewith to implement the official actions required.

Submitted herewith is a report of the Physical Plant Planning and Construction Office, including a schedule of the bids received, a copy of which is being filed with the Secretary of the Board for record.

#### 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 McCarthy Bros. Construction Company, St. Louis, Missouri, a contract for the entire work for the construction of the Foreign Languages Building at the Urbana Campus for the fixed price of \$4,598,727 being the base bid.

*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. Grimes, the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Page, Mr. Pogue, Mr. Swain, Mr. Williamson; no, none; absent, Mr. Jones, Governor Shapiro, Dr. Weatherly.

#### AGREEMENT WITH COMMONWEALTH EDISON COMPANY FOR ELECTRICAL SERVICE TO THE ADMINISTRATIVE OFFICE BUILDING, MEDICAL CENTER

(19) The President of the University, with the concurrence of appropriate administrative officers, recommends that the Board authorize its Comptroller and Secretary to execute an agreement with Commonwealth Edison Company, Chicago, to install primary feeders, transformers, and control equipment to serve the Administrative Office Building being constructed at the Medical Center campus, at a total cost of \$1,773.

Funds are available in state capital appropriations to the University for 1967-69 and have been released by the Governor.

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

**FORMALIZATION OF CHANGE IN CONTRACT FOR  
CONSTRUCTION OF ORCHARD APARTMENTS, PHASE IV, URBANA**

(20) The Board of Trustees on March 14, 1967, authorized the award of a construction contract to Consumers Construction Co., Chicago, for construction of Orchard Apartments, Phase IV, Urbana. The award to this firm included the general work and the assignment to the general contractor of contracts for electrical work, plumbing work, and forced warm air heating work.

The contract documents specified that the work was to be completed by August 1, 1968. Even though the building was partially occupied by the University prior to this date, and totally occupied by September 1, 1968, the construction work as a result of added work included in approved change orders, was not completed until November 1, 1968.

The Department of Housing and Urban Development has advised the University that, prior to approval by the Department of completion of the project, a resolution ratifying the above change in completion date of the contract must be adopted by the Board of Trustees.

Accordingly, the President of the University with the concurrence of appropriate administrative officers, recommends adoption of the following resolution to comply with the requirements of the Department of Housing and Urban Development to extend the time of construction of Orchard Apartments, Phase IV, Urbana, in the contract with Consumers Construction Co., Chicago, by ninety-two calendar days at no change in the contract price.

**Resolution**

*Be It, and It Hereby Is, Resolved*, that The Board of Trustees of the University of Illinois, a public corporation, does hereby approve, concur in and ratify the issuance of Change Order #17, to the construction contract dated March 14, 1967, with the Consumers Construction Co., Chicago, Illinois, for the construction of the Married Student Housing MS-4 Project (Orchard Apartments, Phase IV) to extend the actual construction period 92 calendar days beyond the contract completion date, and does hereby waive damages which may have accrued as a result of the completion date being extended 92 calendar days.

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

**EMPLOYMENT OF PROGRAM PLANNING CONSULTANTS,  
MEDICAL CENTER**

(21) The President of the University, with the concurrence of appropriate administrative officers, recommends employment of Lester Gorsline Associates International, program planning consultants for health education and hospital facilities, Belvedere-Tiburon, California, for preparation of a program statement for the hospitals and related patient care activities in the University's health programs at the Medical Center.

The completion of this phase of the work will provide a program analysis and statement which will serve as the basis for developing projects and cost estimates for the 1971-73 capital programs. The consultant's fee will be \$124,718 plus reimbursable costs not to exceed \$26,750 for travel, reproductions, computer time, and long distance telephone calls.

Funds are available in the Medical Center Contract Research Reserve and in state capital appropriations to the University for 1967-69, which have been released by the Governor.

Upon completion of this contract, consideration will be given to the need for, and the extent of, continuing consulting services for definitive programming of the proposed capital projects.

The firm of Lester Gorsline Associates has completed several similar projects for leading institutions across the country. The proposed fee is comparable with proposals submitted by other consulting firms.

On motion of Mr. Hahn, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr.

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

#### BLANKET CRIME INSURANCE POLICY

(22) Bids have been received for a "Blanket Crime Insurance Policy" covering all University operations on all campuses and a separate quotation providing coverage for student organizations, related agencies, and associations.

The present blanket crime policy is a package contract which, at a single over-all limit, provides the following five major crime coverages, and is not subject to a deductible provision. The policy limit is \$350,000 per loss.

1. *Fidelity Coverages.* Protection for losses caused by dishonesty of employees.
2. *Premises Coverage.* Insures against loss from within any University building of money and securities due to destruction, disappearance, or wrongful abstraction. Other property is insured against loss or damage by safe burglary and inside holdup. Coverage includes damage to the premises by actual or attempted safe burglary, robbery, felonious abstraction, or burglarious entry.
3. *Outside Coverage.* Money and securities are insured against actual destruction, disappearance, or wrongful abstraction (1) while being conveyed by a messenger; (2) while being conveyed by an armored car company or (3) while within the living quarters of the home of a messenger. The outside section protects other property against loss by robbery if the property is being conveyed by a messenger or an armored car company and against theft from the home of a messenger.
4. *Money Orders and Counterfeit Paper Currency Coverage.* Covers loss due to acceptance in good faith of any post office or express money order if the instrument is issued or is purported to have been issued by a post office or express company.
5. *Depositors Forgery Insurance.* This is forgery insurance on outgoing instruments. It covers forgery and alteration of checks and other instruments of the University, including forgery of endorsement.

The current insurance industry experience in this line of coverage has not been favorable; and in order to continue to purchase this coverage for a reasonable cost, alternate quotations with \$100 and \$1,000 deductible provisions were requested. After a review of past claim experience and of the cost of insurance with no deductible provision, with \$100 deductible, and with \$1,000 deductible, the Vice President and Comptroller recommends that the insurance be purchased for a three-year term subject to a \$1,000 deductible provision, and that the award be made to the Aetna Casualty and Surety Company, the low bidder. Since identical low quotations were received from three insurance agencies representing the Aetna Casualty and Surety Company, it is further recommended that the Irish-Behnke Agency, Decatur, Illinois, which was drawn by lot, be designated the agent for this insurance.

The three-year premium for the University of Illinois coverage is \$10,471, and for student organizations, related agencies, and associations \$2,562, for a total of \$13,033. A tabulation of the quotations received is submitted herewith and a copy has been filed with the Secretary of the Board.

I concur.

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

#### PURCHASES

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

The list of purchases was presented in two categories: purchases from appropriated funds (i.e., from state appropriations to the University) and purchases from institutional funds. The latter term designates funds received by the University under contracts with the United States government, contracts with private

corporations and other organizations, funds from foundation grants, and grants from corporations and other donors, and University revolving funds authorized by law.

The total amounts of these purchases were:

*From Appropriated Funds*

Recommended..... \$179 197 15

*From Institutional Funds*

Recommended..... 216 131 15

*Grand Total* ..... \$395 328 30

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

On motion of Mr. Pogue, the purchases recommended were authorized.

**COMPTROLLER'S REPORT OF PURCHASES APPROVED**

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

This report was received for record.

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

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

**New Contracts**

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
Mercy Hospital	Computer assisted instruction of basic nursing	\$ 20 065
National Recreation and Park Association	Develop training guide to assist in education and development of recreation roving leaders	24 848
United States Air Force AFOSR-69-1671	Chemical dynamics on crystal surfaces	39 956
United States Army DAHC-04-69-C-0022	Research on detection of pulsed radiation at 10.6 Microns	10 000
United States Atomic Energy Commission AT(11-1) 1819	Molecular hybridization with ribosomal RNA to explore distant genetic relationships	57 000
United States Department of Health, Education, and Welfare OEG-0-9-585041-0773(085)	Improvement of youth through vocationally oriented educational programs	55 045
United States Department of the Interior WP-01011-03(5) NC	Mechanisms of sludge thickening	34 297
United States Office of Economic Opportunity OEO-CG-8889	Demonstration program for leaders in the field of preschool disadvantaged children	105 356
<i>Total</i>		<b>\$ 346 567</b>

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>
Ohio State University (subcontract with United States Office of Education OEC 3-7-070706-3118)	Assist the Coordination Center of the National Laboratory in developing and implementing long-range planning procedures	\$ 13 000

**Change Orders**

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
United States Agency for International Development: AID/nesa-149-4	Technical advice and assistance to India	\$ 139 351
AID/nesa-150-4	Improving economic development and general welfare of the nation by assistance to University Uttar Pradesh, India	312 091



<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
United States Air Force:		
AFOSR-68-1508	Charged colloidal particles for propulsion	\$ 69 969
AFOSR-7-67	Theory and application of computational principles in complex intelligent systems	97 495
United States Army	Transmission of the common cold to volunteers under controlled conditions	51 858
DA 49-193-MD 2410		
United States Atomic Energy Commission:		
AT(11-1) 1195	Elementary particle interactions in the high energy region	1 384 000
AT(11-1) 1198	Understanding the nature of materials, predomi- nantly solids	1 475 000
<b>Total</b>		<b>\$3 529 764</b>

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>
Cornell University (subcontract with United States Office of Education OEC 3-7-070706-3118)	Planned collaborative language program among in- vestigators	\$ 5 114

### Summary

Amount to be paid to the University.....	\$3 876 331
Amount to be paid by the University.....	18 114

This report was received for record.

## INVESTMENT REPORT For the Month of September, 1968

### Report of the Comptroller

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

#### Current Funds

##### Current Funds (Chicago Circle)

##### Purchases:

\$836 000 General Motors Acceptance Corp. notes due 10/2/68....	\$ 836 000 00
100 000 Ford Motor Credit Corp. notes due 10/21/68.....	100 000 00

##### Medical Service Plan (Medical Center)

##### Purchase:

\$50 000 Federal National Mortgage Association 6.10 per cent notes due 6/10/69.....	50 171 88
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##### Restricted Group

##### Purchases:

\$1 000 000 00 Jewel Tea Company notes due 9/27/68.....	\$ 997 552 08
500 000 00 Ford Motor Credit Corp. notes due 10/3/68.....	500 000 00
1 000 000 00 Beneficial Finance notes due 10/4/68.....	997 534 13
1 000 000 00 Federal National Mortgage Association notes due 11/1/68.....	993 437 50
541 680 66 Bank of America acceptance due 11/4/68 endorsed by The Northern Trust Company.....	537 181 70
500 000 00 Chase Manhattan Bank acceptance due 11/4/68 endorsed by The Northern Trust Company.....	495 847 22
1 000 000 00 Clark Eq. Credit Corp. 5½ per cent notes due 11/29/68.....	1 000 000 00
1 000 000 00 Hallmark Cards notes due 12/3/68.....	987 541 67
1 000 000 00 Atlantic Richfield notes due 3/4/69.....	972 420 14
1 000 000 00 Boise Cascade 6¾ per cent notes due 1/15/70.....	1 000 000 00

#### Construction Funds

##### Dentistry-Medicine-Pharmacy Auxiliary (Medical Center)

##### Purchase:

\$30 000 U.S. Treasury bills due 10/24/68.....	29 888 63
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*Krannert Contributions*

## Purchases:

\$285 500 Cargill, Inc., 5½ per cent notes due 6/30/76.....	\$ 285 500 00
5 000 Federal Land Banks 5½ per cent due 7/20/76.....	4 962 50

*Orchard Apartments*

## Sale:

\$60 000 U.S. Treasury bills due 11/30/68.....	59 339 04
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*Union (Chicago Circle)*

## Purchases:

\$5 000 U.S. Treasury bills due 9/12/68.....	4 954 94
5 000 U.S. Treasury bills due 11/14/68.....	4 954 76

*Assembly Hall**Sinking Funds*

## Sales:

\$ 42 000 U.S. Treasury bills due 1/31/69.....	41 199 20
235 000 U.S. Treasury bills due 3/24/69.....	228 762 71

## Purchase:

\$116 000 U.S. Treasury bills due 7/31/69.....	110 352 73
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*Dentistry-Medicine-Pharmacy Reserve (Medical Center)*

## Purchases:

\$85 000 U.S. Treasury bills due 3/20/69.....	82 863 67
6 000 U.S. Treasury 4 per cent bonds due 2/15/80.....	5 340 00

*Housing Revenue Bonds*

## Sale:

\$45 000 U.S. Treasury bills due 10/31/68.....	44 779 75
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*Illini Union and Health Center*

## Purchase:

\$18 000 U.S. Treasury 6 per cent notes due 8/15/69.....	19 142 50
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*Men's Residence Halls of 1957*

## Purchase:

\$189 000 U.S. Treasury bills due 8/31/69.....	179 825 10
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*Student Services*

## Purchase:

\$75 000 U.S. Treasury bills due 8/31/69.....	71 359 17
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*Women's Residence Halls of 1956*

## Purchase:

\$114 000 U.S. Treasury 4 per cent bonds due 2/15/70.....	112 468 13
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This report was received for record.

**CREATION OF ADJUNCT PROFESSORIAL RANKS, CHICAGO CIRCLE**

(27) The Chicago Circle Senate has proposed the establishment of the ranks of adjunct professor, adjunct associate professor, and adjunct assistant professor at the Chicago Circle campus.

The proposal is designed to make possible the enrichment of instruction in various fields through the part-time appointment of highly qualified individuals in the Chicago area who are regularly engaged in non-university activities.

The procedure for the recommendation and appointment of individuals to the adjunct professorial ranks shall be the same as for the corresponding ranks of professor, associate professor, and assistant professor.

Appointments to adjunct professorial positions shall not be made for periods longer than one year, but reappointments may be made for periods up to one year each in duration. Hence, indefinite tenure may not be granted or implied with such appointments; nor may an individual accumulate service credit towards indefinite tenure through reappointments to adjunct professorial positions.

Appointments to these special ranks shall not entitle the holders to Senate membership, nor shall they carry automatic voting privileges in any academic

unit of the University. Otherwise, the rights and obligations of adjunct professorial appointees shall be those granted to regular members of the faculty under the University's *Statutes*.

The Senate Coordinating Council has indicated that no other Senate jurisdiction is involved, since the other two campuses have not indicated any intention to use these special ranks. It would be understood, however, that should the Medical Center or the Urbana-Champaign campus wish to use these adjunct professorial ranks, they would be authorized to do so under the conditions outlined above.

The Chancellor at the Chicago Circle campus and the Executive Vice President and Provost recommend approval.

I concur.

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

#### **CONTRACTS FOR CONSTRUCTION OF SWINE RESEARCH CENTER NURSERY, URBANA**

(28) The President of the University, with the concurrence of appropriate administrative officers, recommends the award of the following contracts for construction of the Swine Research Center Nursery, Urbana-Champaign, for the College of Agriculture, the award in each case to the low base bidder.

General — Wendell Bridges, an individual doing business as Tri-R Construction Co., Champaign.....	\$78 800
Plumbing — Jack W. Perrone and Harold L. Fox, a partnership doing business as Champaign Plumbing & Heating Co., Champaign.....	21 280
Heating — Reliable Plumbing & Heating Company, Champaign.....	3 965
Ventilating — Industrial Roofing Company, Mattoon.....	15 467
Electrical — Potter Electric Service, Inc., Urbana.....	11 836

Funds are available in state capital appropriations to the University for 1967-69 and have been released by the Governor.

The plans and specifications comply with the requirements of the Facilities for the Handicapped Act.

Submitted herewith is a report from the Physical Plant Planning and Construction Office, 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. Hughes, these contracts were awarded by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Page, Mr. Pogue, Mr. Swain, Mr. Williamson; no, none; absent, Mr. Jones, Governor Shapiro, Dr. Weatherly.

#### **VOLUNTEER ILLINI PROJECTS**

Mr. Hahn spoke on the importance and significance of the Volunteer Illini Projects (VIP) program carried out by students at the Urbana-Champaign campus and suggested that the Trustees give formal encouragement and endorsement to the work of the organization. The Trustees agreed to direct the Secretary, in consultation with the Chancellor at Urbana, to prepare a letter of commendation and endorsement of the "VIP" program.

#### **SECRETARY'S REPORT**

The Secretary presented for record the following lists: appointments to the faculty made by the President; declinations and resignations; leaves of absence; and the following changes in sabbatical leaves of absence. A copy of the report is filed with the Secretary.

#### **CHANGES IN SABBATICAL LEAVES OF ABSENCE, 1968-69**

DELANEY, CHARLES O., Professor of Music, Urbana-Champaign campus, leave of absence, without pay, for Semester II, 1968-69, in place of sabbatical leave of absence with full pay.

SCHULMAN, MARTIN P., Professor of Pharmacology, College of Medicine, Medical Center campus, sabbatical leave of absence for one year from September 1, 1968, cancelled without prejudice.

#### ANNOUNCEMENTS BY THE PRESIDENT OF THE BOARD

President Swain called attention to the schedule of the next three meetings of the Board of Trustees: January 15, 1969, on the Urbana-Champaign campus; February 19, 1969, on the Medical Center campus; and March 19, 1969, on the Urbana-Champaign campus. He announced that a request had been received for a change in the date of the April, 1969, meeting. The Board agreed to change the date of this meeting from April 16, to Wednesday, April 9, 1969, according to a schedule and at a place to be determined by the President and Secretary of the Board.

President Swain announced that an executive session had been requested and was being ordered for consideration of reports and recommendations relating to property acquisition and pending litigation. The Board recessed for five minutes.

#### EXECUTIVE SESSION

When the Board reconvened, the same members of the Board, officers of the Board, and officers of the University were present as recorded at the beginning of these minutes, except Mr. Ray Page who asked to be excused.

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

#### ACQUISITION OF CONSTRUCTION MATERIALS RESEARCH LABORATORY

(29) At its meeting on January 17, 1968, the Board of Trustees approved the establishment of a Construction Materials Research Laboratory in the vicinity of the Urbana-Champaign campus and requested the University of Illinois Foundation to provide the facilities in accordance with a plan then outlined.

On July 24, 1968, the Board of Trustees adopted certain formal resolutions approving the issuance of up to \$3,500,000 aggregate principal amount of University of Illinois Foundation general obligation bonds for financing of the project and authorizing the Comptroller to accept delivery of title to the real estate involved subject to the lien of the bond holders and the rights of the United States of America as lessee of the property.

It now appears that for the Foundation to secure an interest rate of 5½ per cent per annum for the financing of this project, it will be necessary for the University to provide additional security to the bond holders by committing funds which the University is entitled to retain in its own treasury and which are not subject to appropriation by the General Assembly to the payment of the rental obligations undertaken by the University for the use of the building in the event of the cancellation or termination of the lease of the property to the United States of America. Such rental obligations should not exceed \$300,000 per annum and can be satisfied out of additions or income to the Contract Research Reserve.

The President of the University, with the concurrence of appropriate administrative officials, recommends the adoption of the following resolution:

#### Resolution of The Board of Trustees of the University of Illinois

WHEREAS, in its meeting of January 17, 1968, the Board of Trustees approved the establishment of a Construction Materials Research Laboratory in the vicinity of the Urbana-Champaign campus and requested the University of Illinois Foundation to provide such facilities in accordance with the plan then outlined to the Board; and

WHEREAS, in its meeting of July 24, 1968, the Board of Trustees approved

the financing plan developed by the University of Illinois Foundation for this project; and

WHEREAS, as a part of that financing plan, the University entered into an agreement providing that if the lease of the premises between the University of Illinois Foundation and the United States of America should be cancelled or terminated for cause or otherwise, that the University would lease the facility from the Foundation for not less than the remaining unexpired term of the lease with the United States of America at the time of said termination or cancellation, at a rental not less than the annual renewal rental as provided in the lease with the United States of America, said rental to be sufficient in amount to meet the annual amortization of the outstanding principal and interest on the bonds issued by the Foundation for the financing of this project; and

WHEREAS, the execution of the mortgage by the Foundation and the issuance of the bonds have been delayed pending negotiations for a lower interest rate; and

WHEREAS, it now appears that the annual interest rate on said bonds may be reduced from  $6\frac{1}{2}$  per cent to  $5\frac{1}{2}$  per cent by committing income or additions to the University's Contract Research Reserve account to the payment of the rental obligation undertaken by the University as outlined above.

Now, Therefore, after discussion and upon motion duly made and carried, the following resolutions were adopted:

*Resolved*, that in the event that the lease between the United States of America and the University of Illinois Foundation concerning the Construction Materials Research Laboratory to be located in the vicinity of the Urbana-Champaign campus should be cancelled or terminated for cause or otherwise, the Vice President and Comptroller and the Secretary are authorized to lease said facility from the Foundation for not less than the remaining unexpired term of the lease with the United States of America at the time of said cancellation or termination, at a rental not less than the annual rental as provided in the Foundation's lease with the United States of America, said rental to be sufficient to meet the annual amortization of the outstanding principal and interest on the bonds to be issued by the Foundation for the financing of said project, and on terms otherwise no less favorable to the bond holders than those contained in the Foundation's lease with the United States of America.

*Resolved*, that the Comptroller of the Board be and hereby is authorized to pledge as additional security for the bonds to be issued by the Foundation for the financing of this project all additions or income to the University's Contract Research Reserve up to \$300,000 per annum to the payment of the rental obligation with respect to said facilities referred to in the previous resolution.

*Resolved*, that the Comptroller of the Board be and hereby is authorized and directed to accept delivery of title to the real estate and premises comprising the Construction Materials Research Laboratory, subject to the lien of the mortgage and the rights of the United States of America, on behalf of the Board of Trustees.

*Resolved*, that the Comptroller and Secretary of the Board be and they hereby are authorized and directed to execute such documents, contracts, written understandings or commitments as may be necessary to adequately evidence and affirm the actions taken herewith.

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

#### LAND ACQUISITION PROGRAM

The Vice President and Comptroller and the Director of the Office of Physical Plant Planning and Construction presented a comprehensive

report on the University's land acquisition program. A copy of the report is being filed with the Secretary of the Board for record.

On motion of Mr. Grimes, the Board adjourned.

EARL W. PORTER  
*Secretary*

TIMOTHY W. SWAIN  
*President*

**HOMER J. LIVINGSTON**

Mr. Homer J. Livingston, Chairman of the Board of the First National Bank of Chicago, was a guest of the Trustees at luncheon.

During the luncheon program, the Trustees adopted the following resolution in appreciation of Mr. Livingston's service to the University and in recognition of his civic and professional leadership:

TO HOMER J. LIVINGSTON

The Board of Trustees of the University of Illinois officially records its appreciation of Homer J. Livingston's service to the University and its respect for his civic and professional leadership.

Mr. Livingston is nationally known in banking, civic, and business affairs. At age forty-six he was elected President of the First National Bank of Chicago, making him one of the youngest men ever to head a major United States bank. He has served as a member of the National Bankruptcy Conference and as a member of the Federal Advisory Council of the Board of Governors of the Federal Reserve System, serving as President of the Council from 1959 through 1961. He has been active in the American Bankers Association and was President of that Association in 1954-55. Mr. Livingston served as President of the Association of Reserve City Bankers in 1960. In addition he has served as a director of many corporations.

The Board of Trustees adds this citation to the many others previously accorded to him—for his valued service as a member of the Illini Union Fund Committee which was instrumental in the construction of the Medical Center Illini Union and Student Residence Hall and, of even broader importance to the University, as a valued counselor and friend.

Over many years, Homer Livingston has brought counsel and support to civic efforts for the advancement of his city and state. He has been a member of the Board of Trustees of the University of Chicago and of the Citizens Committee of the University of Illinois.

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

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**January 15, 1969**



The January meeting of The Board of Trustees of the University of Illinois was held in the Faculty Lounge of the Illini Union (North) in Urbana, Illinois, on Wednesday, January 15, 1969, beginning at 9:30 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, Mr. Kenney E. Williamson. Governor Richard B. Ogilvie, Mr. Ray Page, and Dr. James A. Weatherly were absent. Trustee-elect Mr. Russell Steger attended as a guest.

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



**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.

**BUDGET FOR 1969 SUMMER SESSION AND FACULTY APPOINTMENTS, URBANA**

(1) Submitted herewith are the budget and appointments to the faculty for the 1969 Summer Session at Urbana-Champaign from June 16 to August 9, 1969.

The distribution of the budgeted funds is as follows:

Salaries.....	\$1 627 871
Reserve.....	20 944
<i>Total</i> .....	(\$1 648 815)
Wages and Expense.....	33 185
Administration .....	\$ 5 000
Departmental.....	28 185
<i>Total Budget</i> .....	\$1 682 000

Salaries of members of the University faculty recommended for summer session appointments are computed on the basis of the standard formula: two-ninths of the salary of the academic year for eight weeks of service, with proportionate amounts for shorter periods or for part-time service. The appointments being recommended include a number of visiting lecturers from other colleges and universities at the salaries indicated.

I recommend that the appointments to the summer session staff be approved as submitted, and that the President of the University be authorized to accept resignations and make such changes and adjustments and additional appointments as are necessary in accordance with the needs of the University within the allocations of funds indicated.

On motion of Mr. Grimes, these appointments for the Summer Session budget for the Urbana-Champaign campus for 1969 were approved and authority was given as requested; this action was taken by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Pogue, Mr. Swain, Mr. Williamson; no, none; absent, Governor Ogilvie, Mr. Page, Dr. Weatherly.

	<i>Per Cent Time</i>	<i>Summer Salary</i>
<b>Accountancy</b>		
1. Edwin J. DeMaris, Professor.....	50	\$ 2 389
2. Clive F. Dunham, Professor.....	50	1 878
3. Philip E. Fess, Professor.....	100	3 512
4. Dorothy Litherland, Professor.....	100	4 667
5. Gaze E. Lukas, Professor.....	100	3 600
6. William E. Thomas, Jr., Professor.....	100	3 800
7. _____, Professor .....	50	2 900
8. _____, Professor .....	50	2 867
9. Gerald D. Brighton, Associate Professor.....	50	1 756
10. James C. McKeown, Assistant Professor.....	50	1 323
11. Lawrence S. Revsine, Assistant Professor.....	100	2 845
12. _____, Assistant Professor.....	100	2 600
13. Nancy A. Desmond, Instructor.....	100	1 512
		(35 649)
<b>Advertising</b>		
1. S. Watson Dunn, Professor.....	100	\$ 4 267
2. _____, Assistant Professor.....	100	2 423
		(6 690)

	<i>Per Cent Time</i>	<i>Summer Salary</i>
<b>Anthropology</b>		
1. Frederic K. Lehman, Professor.....	50	\$ 1 644
(See Linguistic Institute).....	(50)	(1 645)
(Total salary).....		(3 289)
2. _____, Professor.....	50	2 195
3. Charles J. Bareis, Instructor.....	100	2 078
4. Jan C. Brukman, Instructor.....	50	1 223
5. Thomas W. McKern, Visiting Lecturer.....	100	3 700
(Department of Anthropology, University of Kansas, Lawrence, Kansas 66044)		
6. _____.....	100	2 335
7. _____.....	50	1 250
8. 2.30 FTE Assistants.....		2 545
		(16 970)
<b>Architecture</b>		
1. John G. Replinger, Professor.....	100	\$ 4 067
2. Robert J. Amico, Assistant Professor.....	100	2 423
3. James F. Knight, Assistant Professor.....	100	2 056
4. Charles C. Lozar, Instructor.....	100	1 834
		(10 380)
<b>Art</b>		
1. James R. Shipley, Professor.....	100	\$ 5 112
2. George N. Foster, Professor.....	67	2 015
3. Donald E. Frith, Professor.....	67	2 045
4. James H. Lynch, Professor.....	67	2 000
5. Harold A. Schultz, Professor.....	67	2 697
6. Mark A. Sprague, Professor.....	67	2 297
7. Edward J. Zagorski, Professor.....	67	2 489
8. Jerome A. Savage, Associate Professor.....	100	2 445
9. Leo Grucza, Assistant Professor.....	67	1 408
10. Marvin D. Hilson, Assistant Professor.....	67	1 349
11. Thomas G. Kovacs, Assistant Professor.....	100	2 112
12. Richard Moses, Assistant Professor.....	67	1 482
13. Norman P. Gambill, Instructor.....	50	945
14. _____, Instructor.....	67	1 260
15. Robert E. Morris, Instructor.....	100	2 112
16. _____, Instructor.....	67	1 334
17. Donald W. Pilcher, Instructor.....	67	1 260
18. 1.30 FTE Assistants.....		1 482
		(35 844)
<b>Astronomy</b>		
1. Stanley P. Wyatt, Jr., Professor.....	50	\$ 1 828
2. .25 FTE Assistant.....	25	278
		(2 106)
<b>Bands</b>		
1. Everett D. Kisinger, Assistant Director.....	50	\$ 1 750
(See Music).....	(50)	(1 750)
(Total salary).....		(3 500)
		(1 750)
<b>Botany</b>		
1. _____, Instructor.....	100	\$ 1 378
2. _____, Visiting Lecturer.....	100	3 845
3. 1.50 FTE Assistants.....		1 668
		(6 891)
<b>Business Administration</b>		
1. Paul M. Dauten, Jr., Professor.....	100	\$ 2 867
2. Fred M. Jones, Professor.....	100	3 523
3. Richard M. Hill, Professor.....	100	3 723
4. Paul C. Roberts, Professor.....	50	1 723

	<i>Per Cent Time</i>	<i>Summer Salary</i>
5. Robert L. Black, Jr., Associate Professor.....	50	1 489
6. David R. Day, Associate Professor.....	100	3 334
7. Dale K. Osborne, Visiting Associate Professor.....	50	1 723
(Also in Economics)		
(323 David Kinley Hall, University of Illinois, Urbana, Illinois 61801)		
8. Louis J. Rago, Associate Professor.....	100	3 045
9. Julian L. Simon, Associate Professor.....	50	1 578
10. Marvin H. Berhold, Assistant Professor.....	100	2 778
11. Joel B. Cohen, Assistant Professor.....	50	1 445
12. James R. Cooper, Assistant Professor.....	100	2 889
13. D. M. Gardner, Assistant Professor.....	50	1 423
14. Kendrith M. Rowland, Assistant Professor.....	100	2 889
15. Robert D. Gieselman, Instructor.....	50	1 167
16. _____		3 100
17. _____		3 100
		(41 796)

#### Ceramic Engineering

1. A. L. Friedberg, Professor.....	25	\$ 1 223
2. James A. Nelson, Professor.....	25	889
		(2 112)

#### Chemistry and Chemical Engineering

1. _____, Professor .....	100	\$ 4 756
2. Arnold M. Hartley, Associate Professor.....	100	2 467
3. Karl M. Dus, Assistant Professor.....	100	2 889
4. Charles A. Eckert, Assistant Professor.....	100	2 778
5. James M. Meyer, Visiting Assistant Professor.....	100	2 112
(108 Chemistry Annex, University of Illinois, Urbana, Illinois 61801)		
6. B. Z. Shakhshiri, Visiting Assistant Professor.....	100	2 000
(103 Chemistry Annex, University of Illinois, Urbana, Illinois 61801)		
7. _____, Assistant Professor.....	100	2 556
8. _____, Instructor.....	100	2 000
9. David Morris, Visiting Lecturer.....	100	3 500
(Department of Biochemistry, University of Washington, Seattle, Washington)		
10. _____, Visiting Lecturer.....	100	3 500
11. _____, Visiting Lecturer.....	100	2 000
12. 10.00 FTE Assistants.....		13 340
		(43 898)

#### Child Development

1. Collene King, Assistant Professor.....	100	\$ 1 867
2. _____, Visiting Lecturer.....	100	1 912
3. _____, Visiting Lecturer.....	50	956
4. 2.00 FTE Assistants.....	50	2 358
		(7 093)

#### Civil Engineering

1. N. M. Newmark, Professor.....	25	\$ 1 723
2. John D. Haltiwanger, Professor.....	70	2 878
3. Richard Engelbrecht, Professor of Sanitary Engineering ...	15	617
4. R. A. Eubanks, Professor.....	60	2 534
5. Edwin H. Gaylord, Jr., Professor.....	50	1 945
6. Herbert O. Ireland, Professor.....	70	2 256
7. Houssam M. Karara, Professor.....	60	1 934
8. Narbey Khachaturian, Professor.....	70	2 256
9. _____, Professor .....	30	1 267
10. Ralph B. Peck, Professor of Foundation Engineering .....	50	2 389
11. James E. Stallmeyer, Professor.....	70	2 505
12. John W. Melin, Associate Professor.....	70	2 178

	<i>Per Cent Time</i>	<i>Summer Salary</i>
13. Robert J. Mosborg, Associate Professor.....	70	2 225
14. John T. Pfeffer, Associate Professor of Sanitary Engineering.....	20	600
15. _____, Assistant Professor.....	30	734
16. Harry V. Leland, Assistant Professor of Environmental Biology.....	35	778
		(28 819)

**Classics**

1. John J. Bateman, Professor.....	75	\$ 2 584
2. Daniel J. Taylor, Instructor.....	100	2 112
3. 2.00 FTE Assistants.....		2 224
		(6 920)

**High School Latin Conference**

1. Henry H. Parker, Instructor (June 16 to June 21).....	100	\$ 528
2. Byron Bekiares, Visiting Instructor (June 16 to June 21)....	100	278
		( 806)
		(7 726)

**Computer Science**

1. T. A. Murrell, Professor.....	100	\$ 3 278
2. Paul E. Saylor, Assistant Professor.....	100	2 556
3. J. Richard Phillips, Assistant Professor .....	33	926
4. 3.5 FTE Assistants.....		4 200
		(10 960)

**Dance**

1. _____, Assistant Professor.....	100	\$ 1 978
		(1 978)

**Economics**

1. Marvin Frankel, Professor.....	25	\$ 1 195
2. Donald L. Kemmerer, Professor.....	67	2 786
3. Eliezer B. Ayal, Visiting Professor.....	100	3 778
(330 Commerce West, University of Illinois, Urbana, Illinois 61801)		
4. Robert W. Gillespie, Associate Professor.....	100	3 012
5. Frederick M. Gottheil, Associate Professor.....	50	1 650
(See Slavic Institute).....	(50)	(1 650)
(Total salary).....		(3 300)
6. D. K. Osborne, Visiting Associate Professor.....	50	1 723
7. _____, Associate Professor.....	100	3 645
8. _____, Associate Professor.....	67	2 000
9. _____, Associate Professor.....	67	1 889
10. Janet Louise Weston, Associate Professor.....	100	2 245
11. Richard J. Arnould, Assistant Professor.....	100	2 623
12. Paul J. Uselding, Instructor.....	100	2 556
13. 2.50 FTE Assistants.....		2 780
		(31 882)

**Educational Administration and Supervision**

1. Lloyd E. McCleary, Professor.....	100	\$ 4 300
2. Perry E. Miller, Professor.....	100	4 412
3. Merle R. Sumption, Professor.....	100	3 445
4. _____, Associate Professor.....	100	3 434
5. Harold G. Rowe, Assistant Professor.....	100	2 423
6. Thomas Sergiovanni, Assistant Professor.....	100	2 445
7. _____, Visiting Lecturer.....	100	3 000
8. _____, Visiting Lecturer.....	100	3 000
		(26 459)

**Educational Psychology**

1. R. Stewart Jones, Professor.....	50	\$ 1 967
2. G. M. Blair, Professor.....	100	3 256

	<i>Per Cent Time</i>	<i>Summer Salary</i>
3. _____, Professor .....	100	3 178
4. C. G. Knapp, Professor of Secondary and Continuing Educa- tion.....	50	1 556
(See Secondary and Continuing Education).....	(50)	(1 556)
(Total salary) .....		(3 112)
5. T. Ernest Newland, Professor.....	100	3 189
6. Merle M. Ohlsen, Professor.....	100	4 012
7. Cecil H. Patterson, Professor.....	100	4 012
8. Ray H. Simpson, Professor.....	100	3 856
9. Maurice Tatsuoka, Professor.....	100	3 223
10. Daniel J. Delaney, Associate Professor.....	100	2 667
11. Henry R. Kaczowski, Associate Professor.....	100	2 600
12. W. L. Shoemaker, Associate Professor.....	100	2 823
13. Joseph S. Zaccaria, Associate Professor.....	100	2 523
14. Russell Chadbourn, Assistant Professor.....	100	2 223
15. Stewart Cohen, Assistant Professor.....	100	2 189
16. Thomas J. Long, Assistant Professor.....	100	2 300
17. Thomas J. McNamara, Assistant Professor.....	100	2 100
18. Robert J. Menges, Assistant Professor (July 14 to August 9).....	100	1 123
19. Harold A. Moses, Assistant Professor.....	100	2 300
20. Charles K. West, Assistant Professor.....	100	2 445
21. James J. Pancrazio, Visiting Lecturer.....	100	2 667
(College of Education, University of Illinois, Urbana, Illi- nois 61801)		
22. _____, Visiting Lecturer.....	100	3 400
23. _____, Visiting Lecturer.....	100	3 200
24. _____, Visiting Lecturer.....	100	3 200
25. _____, Visiting Lecturer.....	100	3 000
26. _____, Visiting Lecturer.....	100	3 000
27. _____, Visiting Lecturer.....	100	3 000
28. _____, Visiting Lecturer.....	100	2 800
29. _____, Visiting Lecturer.....	100	2 800
30. _____, Visiting Lecturer.....	100	2 700
31. _____, Visiting Lecturer.....	100	2 600
32. _____, Visiting Lecturer.....	100	2 400
33. _____, Visiting Lecturer.....	50	1 500
34. _____, Visiting Lecturer.....	50	1 500
35. _____, Visiting Lecturer.....	50	1 500
36. 4.00 FTE Assistants.....		5 200
		(98 009)

#### Electrical Engineering

1. G. H. Fett, Professor.....	100	\$ 4 445
2. M. S. Helm, Professor.....	100	3 334
3. Millard S. McVay, Professor.....	100	3 623
4. P. F. Schwarzlose, Professor.....	100	3 289
5. Harold D. Webb, Professor.....	100	3 334
6. _____, Associate Professor.....	100	3 067
7. Roger W. Burtmess, Associate Professor.....	100	3 289
8. Milton H. Crothers, Associate Professor.....	100	3 445
9. Paul R. Egbert, Associate Professor.....	100	3 045
10. Daniel F. Hang, Associate Professor.....	50	1 667
11. Paul K. Hudson, Associate Professor.....	100	3 200
12. P. Edward Mast, Associate Professor.....	100	3 334
13. J. P. Neal, Associate Professor.....	100	3 112
14. Arnold W. Dipert, Assistant Professor.....	100	2 400
15. _____, Assistant Professor.....	50	1 178
16. John P. Gordon, Instructor.....	50	1 112
17. _____, Instructor.....	50	723
18. _____, Instructor.....	50	712
19. Paul Schomer, Instructor.....	50	712

	<i>Per Cent Time</i>	<i>Summer Salary</i>
20. Robert R. Vallen, Instructor.....	100	1 600
21. 2.00 FTE Assistants.....	200	2 700
		(53 321)

**Elementary Education**

1. Theodore Manolakes, Professor.....	50	\$ 2 006
2. Fred P. Barnes, Professor.....	100	3 789
3. Kenneth M. Lansing, Professor.....	100	3 112
4. John E. McGill, Professor.....	100	3 634
5. Walter J. Moore, Professor.....	100	3 523
6. J. H. Shores, Professor.....	100	4 667
7. Harold H. Lerch, Associate Professor.....	100	3 256
8. William R. Powell, Associate Professor.....	100	3 467
9. Peter B. Shoresman, Associate Professor.....	100	2 623
10. Dale E. Bennett, Assistant Professor.....	100	2 167
11. George Hardiman, Assistant Professor.....	100	2 667
12. _____, Assistant Professor.....	100	2 278
13. Karl R. Koenke, Assistant Professor.....	100	2 445
14. Clarence Phillips, Assistant Professor of Mathematics.....	50	1 200
(See Mathematics).....	(50)	(1 200)
(Total salary).....		(2 400)
15. Edward N. Hook, Visiting Lecturer.....	100	2 600
16. 6.50 FTE Assistants.....		8 471
		(51 905)

**English**

1. Burton A. Milligan, Professor.....	100	\$ 4 200
2. Harris W. Wilson, Professor.....	100	3 267
3. Katharine O. Aston, Associate Professor.....	100	2 816
4. Edward J. Brandabur, Associate Professor.....	100	2 600
5. John A. Dussinger, Associate Professor.....	50	1 289
6. Rocco L. Fumento, Associate Professor.....	100	2 623
7. Glenn P. Haskell, Associate Professor.....	50	1 289
8. Frank Moake, Associate Professor.....	50	1 423
9. Charles Sanders, Associate Professor.....	50	1 412
10. Gary S. Adelman, Assistant Professor.....	100	2 356
11. _____, Assistant Professor.....	100	2 134
12. John A. Hamilton, Assistant Professor.....	100	2 112
13. Donald J. Hogan, Assistant Professor.....	100	2 267
14. Sidney R. Homan, Jr., Assistant Professor.....	100	2 156
15. Mary A. Hussey, Assistant Professor.....	100	2 112
16. _____, Assistant Professor.....	100	2 089
17. _____, Assistant Professor.....	100	2 145
18. Carol Kyle, Assistant Professor.....	100	2 067
19. _____, Assistant Professor.....	50	1 078
20. Dorothy E. Matthews, Assistant Professor.....	100	2 189
21. Olgerts Puravs, Assistant Professor.....	100	2 112
22. _____, Assistant Professor.....	100	2 112
23. _____, Assistant Professor.....	100	1 889
24. _____, Assistant Professor.....	50	1 150
25. Albert C. Tillman, Assistant Professor.....	50	1 056
26. Agnes Brandabur, Instructor.....	100	1 623
27. Robert Carringer, Instructor.....	50	1 034
28. Robert E. Chapdu, Instructor in Business and Technical Writing.....	50	878
29. Eloise C. Enata, Instructor.....	100	2 012
30. Rebecca G. Hohn, Instructor.....	100	1 534
31. Maria Keen, Instructor.....	100	1 667
32. Wilmer A. Lamar, Lecturer.....	100	2 689
33. _____.....	50	1 400
34. 6.00 FTE Assistants.....		8 020
		(72 800)

	<i>Per Cent Time</i>	<i>Summer Salary</i>
<b>Entomology</b>		
1. William L. Downes, Visiting Lecturer..... (Department of Natural Science, Michigan State University, East Lansing, Michigan)	100	\$ 2 350
		(2 350)
<b>Finance</b>		
1. Richards C. Osborn, Professor.....	100	\$ 3 734
2. _____, Assistant Professor.....	100	2 956
3. 1.75 FTE Assistants.....		1 946
		(8 636)
<b>French</b>		
1. _____, Professor .....	100	\$ 4 667
2. Charles A. Knudson, Professor.....	100	4 734
3. Francis W. Nachtmann, Professor.....	100	3 167
4. Yves Velan, Professor.....	100	3 334
5. Claude P. Viens, Professor.....	50	1 945
6. Herbert C. De Ley, Jr., Associate Professor.....	50	1 412
7. Frederic M. Jenkins, Associate Professor.....	50	1 334
8. _____, Associate Professor.....	50	1 412
9. Ruth R. Rains, Assistant Professor.....	100	2 045
10. _____, Assistant Professor.....	50	1 234
11. _____, Assistant Professor.....	100	2 289
12. Frank E. Baker, Instructor.....	50	717
13. Nelson L. DeJesus, Instructor.....	50	689
14. Franklin R. Mandra, Instructor.....	50	1 000
15. 4.00 FTE Assistants.....		4 448
		(34 427)
<b>General Engineering</b>		
1. Robert A. Jewett, Professor.....	50	\$ 1 467
2. Wayne L. Shick, Professor.....	50	1 556
3. Thomas C. Hartley, Associate Professor.....	50	1 334
4. Morris Scheinman, Assistant Professor.....	100	2 712
5. Harrison Streeter, Assistant Professor.....	100	2 667
		(9 736)
<b>Division of General Studies</b>		
1. Glen E. Gaides, Assistant Professor of Physical Science....	100	\$ 2 400
2. Edmund S. Cameron, Instructor in Chemistry.....	100	1 956
3. _____, Instructor.....	100	1 423
4. _____, Instructor.....	50	689
5. 2.00 FTE Assistants.....		2 336
		(8 804)
<b>Geography</b>		
1. Jerome D. Fellmann, Professor.....	100	\$ 3 778
2. John A. Jakle, Assistant Professor.....	100	2 267
3. Placido D. LaValle, Assistant Professor.....	100	2 778
4. Nelson R. Nunnally, Assistant Professor.....	100	2 889
5. _____.....	100	3 312
6. 2.00 FTE Assistants.....	100	2 356
		(17 380)
<b>Geology</b>		
1. Arthur F. Hagner, Professor.....	100	\$ 4 000
2. Ralph L. Langenheim, Professor.....	100	3 334
3. _____, Professor .....	100	2 923
4. C. John Mann, Assistant Professor.....	100	2 756
5. Frank L. Koucky, Visiting Lecturer..... (Department of Geology, University of Cincinnati, Cincinnati, Ohio 45221)	100	3 000
6. Dennis S. Wood, Visiting Lecturer..... (253 Natural History Building, University of Illinois, Urbana, Illinois 61801)	100	2 556

	<i>Per Cent Time</i>	<i>Summer Salary</i>
7. 2.00 FTE Assistants.....	100	2 312 (20 881)
<b>Germanic Languages and Literatures</b>		
1. Francis Nock, Professor.....	100	\$ 3 089
2. Henri Stegemeier, Professor.....	100	3 578
3. Elmer Antonsen, Associate Professor.....	50	1 778
4. Ruth E. Lorbe, Associate Professor.....	100	2 734
5. U. Henry Gerlach, Assistant Professor.....	100	2 134
6. _____, Assistant Professor.....	100	2 778
7. _____, Assistant Professor.....	67	1 378
8. Clayton Gray, Instructor.....	100	1 867
9. 6.00 FTE Assistants.....		6 934 (26 270)
<b>Health and Safety Education</b>		
1. H. S. Hoyman, Professor.....	100	\$ 4 889
2. A. E. Florio, Professor.....	100	4 089
3. _____, Assistant Professor.....	100	2 445
4. _____, Assistant Professor.....	50	1 598
5. .50 FTE Assistant.....		600 (13 621)
<b>History</b>		
1. J. Alden Nichols, Professor.....	100	\$ 3 156
2. Charles E. Nowell, Professor.....	100	4 389
3. Winton U. Solberg, Professor.....	100	3 489
4. Raymond P. Stearns, Professor.....	100	4 667
5. _____, Professor.....	100	3 645
6. Bennett D. Hill, Associate Professor.....	50	1 312
7. Blair B. Kling, Associate Professor.....	50	1 389
8. Richard E. Mitchell, Assistant Professor.....	100	2 400
9. 4.50 FTE Assistants.....		5 004 (29 451)
<b>History and Philosophy of Education</b>		
1. B. Othanel Smith, Professor of Philosophy of Education....	50	\$ 2 667
2. Harry S. Broudy, Professor of Philosophy of Education....	100	5 423
3. Walter V. Kaulfers, Professor of Secondary and Continuing Education.....	100	2 912
4. Foster McMurray, Associate Professor of Philosophy of Education.....	100	2 689
5. Lawrence E. Metcalf, Professor of Secondary and Continu- ing Education.....	50	2 023
(See Secondary and Continuing Education).....	(50)	(2 023)
(Total salary).....		(4 046)
6. W. O. Stanley, Professor of Philosophy of Education.....	100	3 834
7. _____, Assistant Professor of Philosophy of Educa- tion.....	100	2 589
8. Paul C. Violas, Assistant Professor of History of Education	100	2 223
9. K. R. Conklin, Visiting Lecturer.....	100	2 378
(School of Education, Oakland University, Rochester, Michigan 48063)		
10. _____, Visiting Lecturer.....	100	3 300
11. _____, Visiting Lecturer.....	100	2 500
12. _____, Visiting Lecturer.....	100	3 300
13. _____, Visiting Lecturer.....	100	2 027
14. _____, Visiting Lecturer.....	100	2 027
15. _____, Visiting Lecturer.....	100	2 027
16. _____, Visiting Lecturer.....	50	1 012
17. 2.00 FTE Assistants.....		2 400 (45 331)
<b>Home Economics</b>		
1. Queenie B. Mills, Professor.....	100	\$ 3 245



	<i>Per Cent Time</i>	<i>Summer Salary</i>
2. Helen K. Zwolanek, Associate Professor.....	50	1 212
3. Andrea Pagenkopf, Assistant Professor.....	100	2 000
4. Jacqueline Anderson, Instructor (July 14 to August 9).....	100	756 (7 213)

**Journalism**

1. James W. Carey, Associate Professor.....	50	\$ 1 744
(See Graduate School of Library Science).....	(50)	(1 745)
(Total salary).....		(3 489)
2. Thomas H. Guback, Assistant Professor.....	50	1 312
3. Glenn Hanson, Assistant Professor.....	50	1 578 (4 634)

**Landscape Architecture**

1. Thomas C. Hazlett, Associate Professor.....	33	\$ 1 012 (1 012)
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**Language Laboratory**

1. M. Keith Myers, Associate Professor.....	50	\$ 1 412
2. 1.25 FTE Assistants.....		1 445 (2 857)

**Law***First Term (June 9 to July 16)*

1. George T. Frampton, Professor.....	100	\$ 4 667
2. Charles W. Quick, Professor.....	100	4 334
3. Kenneth S. Carlston, Professor.....	100	4 000
4. Sheldon J. Plager, Professor.....	100	3 334
5. _____, Professor.....	100	2 917
6. Peter H. Hay, Professor.....	100	3 334
7. Lawrence W. Waggoner, Associate Professor.....	100	2 667
8. Michael P. Dooley, Associate Professor.....	100	2 667 (27 920)

*Second Term (July 17 to August 23)*

1. Rubin G. Cohn, Professor.....	100	4 334
2. Marian W. Benfield, Jr., Professor.....	100	3 000
3. Victor J. Stone, Professor.....	100	3 834
4. Jeffrey O'Connell, Professor.....	100	3 834
5. Herbert Semmel, Professor.....	100	3 167
6. John H. McCord, Associate Professor.....	100	2 667
7. _____, Associate Professor.....	100	2 667 (23 503)

**Graduate School of Library Science**

1. Alice Lohrer, Professor.....	100	\$ 2 934
2. Rolland E. Stevens, Professor.....	100	3 612
3. James W. Carey, Associate Professor of Journalism.....	50	1 745
(See Journalism).....	(50)	(1 744)
(Total salary).....		(3 489)
4. Walter C. Allen, Assistant Professor.....	100	2 223
5. H. Richard Archer, Visiting Lecturer (June 16 to July 12).. (Sabin Drive, Williamstown, Massachusetts 01267)	100	2 000
6. H. William Axford, Visiting Lecturer..... (Librarian, Florida Atlantic University, Boca Raton, Florida 33432)	100	2 400
7. Frank B. Evans, Visiting Lecturer (June 16 to July 12).... (3102 Belair Drive, Bowie, Maryland 20715)	100	1 500
8. Winifred Linderman, Visiting Lecturer..... (328 Library, University of Illinois, Urbana, Illinois 61801)	100	2 667
9. David C. Maslyn, Visiting Lecturer (July 14 to August 9)...	100	1 500
10. Mrs. Rosalind Miller, Visiting Lecturer..... (Librarian, Clayton High School, Clayton, Missouri)	100	2 400
11. L. Dolores Ryan, Visiting Lecturer..... (Librarian, Undergraduate Library, Library Reserve Book Center, 2400 Euclid Avenue, Cleveland, Ohio 44115)	100	2 500

	<i>Per Cent Time</i>	<i>Summer Salary</i>
12. Spencer G. Shaw, Visiting Lecturer (July 14 to August 9).. (The Nassau Library System, Garden City, New York 11530)	100	1 200
13. _____	100	2 200
14. _____	100	2 200
15. _____	100	2 000
16. _____	100	2 200
17. _____	100	2 200
18. _____	50	1 200
19. 7.75 FTE Assistants.....		8 618 (47 299)

**Life Sciences**

1. _____, Assistant Professor.....	100	\$ 2 600
2. 1.00 FTE Assistant.....		1 112 (3 712)

**Linguistics**

1. Hans H. Hock, Instructor.....	100	\$ 2 112
2. Ronald W. Langacker, Visiting Lecturer..... (5910 Kantor Street, San Diego, California 92122)	100	2 800 (4 912)

**Mathematics**

1. Mahlon M. Day, Professor.....	100	\$ 5 400
2. R. G. Langebartel, Professor.....	100	3 556
3. Edward J. Scott, Professor.....	100	3 334
4. _____, Associate Professor.....	100	2 667
5. Robert B. Ash, Associate Professor.....	100	3 000
6. Robert P. Kaufman, Associate Professor.....	100	2 489
7. Hiram Paley, Associate Professor.....	100	2 734
8. J. William Peters, Associate Professor.....	100	3 112
9. Donald R. Sherbert, Associate Professor.....	100	2 534
10. Elliot C. Weinberg, Associate Professor.....	100	2 756
11. Satish K. Aggarwal, Assistant Professor.....	100	2 223
12. _____, Assistant Professor.....	100	2 600
13. Robert F. Craggs, Assistant Professor.....	100	2 334
14. _____, Assistant Professor.....	100	2 223
15. Dany Leviatan, Visiting Assistant Professor..... (Department of Mathematics, 241 Illini Hall, University of Illinois, Urbana, Illinois 61801)	100	2 223
16. Clarence Phillips, Assistant Professor..... (See Elementary Education)..... (Total salary) .....	50 (50)	1 200 (1 200) (2 400)
17. _____, Assistant Professor.....	100	2 223
18. J. Jerry Uhl, Assistant Professor.....	100	2 223
19. _____, Assistant Professor.....	100	2 423
20. C. W. Conatser, Instructor.....	100	1 400
21. Frances Day, Instructor.....	100	2 089
22. Joe W. Fisher, Instructor.....	100	1 400
23. Soon-Kyu Kim, Instructor.....	100	1 867
24. Steven J. Takiff, Instructor.....	100	1 400
25. Gudrun Kalmbach, Visiting Lecturer..... (Department of Mathematics, 353 Altgeld Hall, Univer- sity of Illinois, Urbana, Illinois 61801)	100	2 000
26. _____, Visiting Lecturer.....	100	2 200
27. David E. Seedhouse, Visiting Lecturer..... (Department of Mathematics, 801 South Wright Street, University of Illinois, Champaign, Illinois 61820)	100	1 400
28. _____, Visiting Lecturer.....	100	2 200
29. _____, Visiting Lecturer.....	100	2 000

	<i>Per Cent Time</i>	<i>Summer Salary</i>
30. _____, Visiting Lecturer.....	100	1 400
31. 23.00 FTE Assistants.....		25 760
		(96 370)

**Mechanical and Industrial Engineering**

1. Eugene F. Hebrank, Professor.....	50	\$ 1 867
2. William L. Hull, Professor.....	50	1 978
3. John C. Miles, Professor.....	100	3 067
4. David H. Offner, Associate Professor.....	75	2 250
5. Ross P. Strout, Associate Professor.....	100	2 667
6. _____, Assistant Professor.....	83	2 223
7. Morse B. Singer, Instructor.....	50	1 178
8. 1.92 FTE Assistants.....		2 236
		(17 466)

**Microbiology**

1. F. M. Clark, Professor.....	100	\$ 3 423
2. 3.00 FTE Assistants.....		3 359
		(6 782)

**Music**

1. Bjornar Bergethon, Professor.....	100	\$ 3 512
2. Harold A. Decker, Professor.....	100	3 900
3. Bruce R. Foote, Professor.....	100	4 423
4. Scott Goldthwaite, Professor.....	100	4 178
5. Robert E. Gray, Professor.....	100	2 900
6. Charles E. Hamm, Professor.....	100	3 734
7. Ben B. Johnston, Jr., Professor.....	100	2 889
8. King Kellogg, Professor.....	100	3 089
9. J. Robert Kelly, Professor.....	100	3 334
10. Colleen J. Kirk, Professor.....	75	2 217
11. Everett D. Kisinger, Professor.....	50	1 750
(See Bands).....	(50)	(1 750)
(Total salary).....		(3 500)
12. A. J. McDowell, Professor.....	100	3 234
13. _____, Professor.....	50	1 478
14. Paul Pettinga, Professor.....	100	3 734
15. Claire L. Richards, Professor.....	100	3 667
16. Alexander L. Ringer, Professor.....	100	4 178
17. Dean W. Sanders, Professor.....	100	2 845
18. Haskell O. Sexton, Professor.....	100	3 512
19. Robert H. Swenson, Professor.....	50	1 434
20. Robert E. Thomas, Professor.....	100	3 334
21. Grace E. Wilson, Professor.....	100	3 067
22. Ludwig Zirner, Professor.....	100	3 845
23. Andrew Morris Carter, Associate Professor.....	25	785
24. Willis R. Coggins, Associate Professor.....	50	1 234
25. Richard J. Colwell, Associate Professor.....	50	1 795
26. Blaine E. Edlefsen, Associate Professor.....	50	1 200
27. Thomas L. Holden, Associate Professor.....	50	1 128
28. Edward J. Krolick, Associate Professor.....	33	800
29. Royal B. MacDonald, Associate Professor.....	50	1 212
30. William H. Miller, Associate Professor.....	100	2 567
31. Marilyn Zimmerman, Visiting Associate Professor.....	50	1 445
(202 Music Annex, University of Illinois, Urbana, Illinois 61801)		
32. _____, Assistant Professor.....	50	1 284
33. Herbert Kellman, Assistant Professor.....	100	2 500
34. Daniel L. Kohut, Assistant Professor.....	50	1 345
35. James B. Lyke, Assistant Professor.....	75	1 734
36. Gail Berenson, Instructor.....	50	800
37. Frank N. Bruce, Instructor.....	100	1 667
38. Barbara Crockett, Instructor.....	100	1 756

	<i>Per Cent Time</i>	<i>Summer Salary</i>
39. Virginia Farmer, Instructor.....	50	845
40. Jerald C. Graue, Instructor.....	50	823
41. Thomas S. Howell, Instructor.....	50	845
42. Fred W. Omer, Instructor.....	50	984
43. Daniel T. Perantoni, Instructor.....	33	578
44. Robert J. Ray, Jr., Instructor.....	100	1 823
45. Russell Pugh, Visiting Lecturer.....	33	800
(1517 Apache Way, Bowling Green, Kentucky)		
46. Olga Sandor, Visiting Lecturer.....	100	1 334
(100 Smith Music Hall, University of Illinois, Urbana, Illinois 61801)		
47. _____	100	2 550
48. _____	100	2 700
49. _____, Visiting Lecturer.....	67	2 520
50. 7.75 FTE Assistants.....		8 618
		(117 926)

**Nuclear Engineering**

1. Marvin E. Wyman, Professor.....	100	\$ 5 112
2. _____, Professor.....	40	1 334
3. Daniel F. Hang, Associate Professor.....	50	1 667
4. Barclay G. Jones, Associate Professor.....	100	2 734
5. .50 FTE Assistant.....		600
		(11 447)

**Philosophy**

1. M. H. Fisch, Professor.....	67	\$ 3 260
2. Alan Donagan, Professor.....	100	5 112
3. Zeno Vendler, Visiting Lecturer.....	25	1 068
(See Linguistics Institute).....	(75)	(3 204)
(Total salary).....		(4 272)
4. James Wallace, Associate Professor.....	75	1 867
5. Philip Hugly, Assistant Professor.....	75	2 084
6. _____, Assistant Professor.....	75	1 667
7. _____, Assistant Professor.....	100	2 267
8. Louis K. Werner, Instructor.....	100	2 112
9. 1.25 FTE Assistants.....		1 500
		(20 937)

**Physical Education for Men**

1. T. K. Cureton, Jr., Professor.....	100	\$ 4 778
2. Alfred W. Hubbard, Professor.....	100	3 145
3. R. E. Shelton, Professor.....	100	3 045
4. Rollin G. Wright, Professor.....	100	3 778
5. Earle F. Zeigler, Professor.....	100	4 167
6. Guenther Lueschen, Associate Professor.....	50	1 589
(See Sociology).....	(50)	(1 589)
(Total salary).....		(3 178)
7. Marianna Treckell, Associate Professor.....	25	664
8. Burleigh D. Franks, Assistant Professor.....	50	1 034
9. Jack E. Razor, Assistant Professor.....	75	1 917
10. Robert L. Case, Instructor.....	75	1 417
11. Thomas Flanigan, Instructor.....	100	2 000
12. Leonard O. Greninger, Instructor.....	50	700
13. Emory Luck, Instructor.....	50	1 000
14. Richard T. Trimble, Instructor.....	100	1 556
15. Harold A. Harris, Visiting Lecturer (June 16 to June 28)....	100	1 500
(42 Bickerton Road, Headington, Oxford, Great Britain)		
		(32 290)

**Physical Education for Women**

1. Beulah Drom, Associate Professor.....	100	\$ 2 712
2. Phyllis Hill, Associate Professor.....	75	2 050
3. _____, Assistant Professor.....	60	1 374

	<i>Per Cent Time</i>	<i>Summer Salary</i>
4. Marjorie Souder, Assistant Professor.....	100	2 700
5. Karol Kahrs, Instructor.....	100	1 889
6. Maetel Williams, Instructor.....	80	1 476
7. .60 FTE Assistant.....		667

(12 868)

**Physics**

1. J. M. McKinley, Visiting Lecturer.....	100	\$ 3 500
(Department of Physics, Oakland University, Rochester, Michigan 48063)		
2. ———, Visiting Lecturer.....	100	3 000
3. ———, Visiting Lecturer.....	100	3 000
4. ———.....	100	3 000
5. 1.50 FTE Assistants.....		1 836

(14 336)

**Physiology and Biophysics**

1. John D. Anderson, Professor.....	50	\$ 1 617
2. Stanley G. Stolpe, Associate Professor.....	100	2 823
3. Donald W. Badger, Assistant Professor.....	100	2 334
4. 4.00 FTE Assistants.....		4 800

(11 574)

**Political Science**

1. Morris Davis, Professor.....	100	\$ 3 356
2. C. F. Snider, Professor.....	50	2 112
3. Milton Hobbs, Associate Professor.....	50	1 556
4. George Manner, Associate Professor.....	100	2 600
5. ———, Associate Professor.....	50	1 556
6. Philip J. Meranto, Assistant Professor.....	50	1 334
7. ———, Assistant Professor.....	50	1 278
8. .50 FTE Assistant.....		556

(14 348)

**Psychology**

1. Frank Costin, Professor.....	100	\$ 3 223
2. Donelson E. Dulany, Jr., Professor.....	100	3 600
3. William E. Kappauf, Professor.....	50	2 112
4. James Davis, Associate Professor.....	50	1 612
5. ———, Associate Professor.....	50	1 428
6. ———, Assistant Professor.....	100	2 367
7. Leslie B. Cohen, Assistant Professor.....	50	1 195
8. ———, Assistant Professor.....	50	1 112
9. ———, Assistant Professor.....	50	1 112
10. Robert Williges, Assistant Professor.....	50	1 112
11. Fredric Weizmann, Visiting Assistant Professor.....	50	1 112
(Department of Psychology, 1003 West Nevada Street, University of Illinois, Urbana, Illinois 61801)		
12. Dale Kaess, Instructor.....	50	834
13. 1.00 FTE Assistant.....		1 112

(21 931)

**Radio and Television**

1. ———, Professor.....	50	\$ 1 956
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(1 956)

**Recreation and Park Administration**

1. Allen V. Sabora, Professor.....	100	\$ 4 245
2. Maxwell R. Garret, Associate Professor.....	100	3 223
3. ———, Assistant Professor.....	100	2 556
4. ———, Assistant Professor.....	100	3 334
5. ———.....	50	1 412

(14 770)

**Secondary and Continuing Education**

1. ———, Professor.....	50	\$ 1 756
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	<i>Per Cent Time</i>	<i>Summer Salary</i>
2. Kenneth B. Henderson, Professor.....	100	4 078
3. Clyde G. Knapp, Professor.....	50	1 556
(See Educational Psychology).....	(50)	(1 556)
(Total salary).....		(3 112)
4. William F. Marquardt, Professor .....	100	3 123
5. Lawrence E. Metcalf, Professor.....	50	2 023
(See History and Philosophy of Education).....	(50)	(2 023)
(Total salary).....		(4 046)
6. Robert E. Pingry, Professor.....	50	2 034
7. _____, Associate Professor.....	100	2 978
8. Philip Limbacher, Assistant Professor.....	50	1 112
9. Alan L. Madsen, Assistant Professor.....	50	1 178
10. Donald T. Williams, Jr., Assistant Professor.....	50	1 445
11. _____	50	1 200
12. 1.50 FTE Assistants.....		1 901
		(24 384)

**Slavic Languages and Literatures**

1. Rasio Dunatov, Assistant Professor.....	100	\$ 2 356
2. 2.00 FTE Assistants.....		2 224
		(4 580)

**Sociology**

1. Guenther Lueschen, Associate Professor.....	50	\$ 1 589
(See Physical Education for Men).....	(50)	(1 589)
(Total salary).....		(3 178)
2. _____, Visiting Lecturer.....	100	3 000
3. 1.00 FTE Assistant.....		1 112
		(5 701)

**Spanish, Italian, and Portuguese**

1. W. H. Shoemaker, Professor of Spanish and Italian.....	50	\$ 2 467
2. J. H. D. Allen, Professor of Spanish and Portuguese.....	100	3 912
3. _____, Professor of Spanish.....	100	3 289
4. Henry R. Kahane, Professor of Spanish.....	50	2 334
(See Linguistic Institute).....	(50)	(2 334)
(Total salary) .....		(4 668)
5. Luis Leal, Professor of Spanish.....	100	4 178
6. S. W. Baldwin, Jr., Associate Professor of Spanish and Italian.....	100	2 800
7. Hugo W. Cowes, Associate Professor of Spanish.....	100	3 334
8. Robert E. Lott, Associate Professor of Spanish.....	100	3 667
9. Thomas C. Meehan, Assistant Professor of Spanish.....	100	2 445
10. Warren L. Meinhardt, Assistant Professor of Spanish.....	100	2 312
11. _____, Instructor in Spanish.....	100	1 734
12. 2.30 FTE Assistants.....		2 595
		(35 067)

**Special Education**

1. Merle B. Karnes, Professor.....	100	\$ 3 867
2. _____, Associate Professor.....	100	2 900
3. Gary Clark, Assistant Professor (June 16 to July 12).....	100	1 100
4. Adrian J. Durant, Jr., Assistant Professor.....	100	3 300
5. John Salvia, Assistant Professor.....	100	2 334
6. _____, Instructor .....	100	2 000
7. Ruby J. Phillips, Specialist in Education.....	100	2 112
8. _____, Specialist in Education.....	100	1 778
9. _____	100	3 000
10. _____	50	1 000
		(23 391)

**Speech**

1. Henry L. Mueller, Professor.....	50	\$ 1 567
2. Richard Murphy, Professor.....	100	3 756

	<i>Per Cent Time</i>	<i>Summer Salary</i>
3. Kenneth Burns, Associate Professor.....	50	1 378
4. D. R. Salper, Visiting Associate Professor.....	50	1 445
5. Webster L. Smalley, Associate Professor.....	50	1 295
6. Earl W. Stark, Associate Professor.....	100	2 667
7. Bernhard R. Works, Associate Professor.....	50	1 278
(See University Theatre).....	(50)	(1 278)
(Total salary) .....		(2 556)
8. Raymond G. Daniloff, Assistant Professor.....	100	2 312
9. _____, Assistant Professor.....	50	1 112
10. Francis L. Nasca, Assistant Professor.....	50	1 089
11. Joseph W. Wenzel, Assistant Professor.....	50	1 289
12. William DeMarco, Instructor.....	100	2 289
13. Joan G. Erickson, Instructor.....	50	867
14. Herbert A. Golden, Instructor.....	50	923
15. Carol R. Lois, Instructor.....	50	689
16. _____, Instructor .....	100	1 378
17. _____, Instructor .....	50	689
		(26 023)
<b>Speech Clinic</b>		
1. Naomi W. Hunter, Assistant Professor.....	100	\$ 2 156
2. Frances L. Johnson, Assistant Professor.....	100	2 534
3. _____, Instructor .....	50	867
4. .50 FTE Assistant.....		556
		(6 113)
<b>Student Teaching</b>		
1. C. Benjamin Cox, Associate Professor.....	50	\$ 1 456
2. _____, Associate Professor.....	100	2 634
3. Kenneth Travers, Associate Professor.....	100	2 723
4. John E. Erickson, Assistant Professor.....	100	2 067
5. 2.00 FTE Assistants.....		2 668
		(11 548)
<b>Theatre</b>		
1. _____, Professor .....	50	\$ 2 123
2. Clara M. Behringer, Professor.....	50	1 423
(See University Theatre).....	(50)	(1 422)
(Total salary).....		(2 845)
3. Mary H. Arbenz, Associate Professor.....	50	1 284
(See University Theatre).....	(50)	(1 283)
(Total salary) .....		(2 567)
4. Roman E. Tymchyshyn, Assistant Professor.....	50	1 034
(See University Theatre).....	(50)	(1 033)
(Total salary) .....		(2 067)
5. Paul J. Brady, Instructor.....	50	1 000
6. Don A. Llewellyn, Jr., Instructor.....	50	1 045
(See University Theatre).....	(25)	( 523)
(Total salary) .....		(1 568)
		(7 909)
<b>University Theatre</b>		
1. Clara Behringer, Professor.....	50	\$ 1 422
(See Theatre) .....	(50)	(1 423)
(Total salary).....		(2 845)
2. Mary H. Arbenz, Associate Professor.....	50	1 283
(See Theatre).....	(50)	(1 284)
(Total salary) .....		(2 567)
3. Genevieve Richardson, Associate Professor.....	75	1 917
4. Bernhard R. Works, Associate Professor.....	50	(1 278)
(See Speech).....	50	1 278
(Total salary) .....		(2 556)

	<i>Per Cent Time</i>	<i>Summer Salary</i>
5. Roman E. Tymchyshyn, Assistant Professor.....	50	1 033
(See Theatre) .....	(50)	(1 034)
(Total salary) .....		(2 067)
6. Don A. Llewellyn, Jr., Instructor.....	25	523
(See Theatre) .....	(50)	(1 045)
(Total salary) .....		(1 568)
7. 3.00 FTE Assistants.....		3 336
		(10 792)

**Theoretical and Applied Mechanics**

1. Cletus E. Bowman, Professor.....	83	\$ 2 834
2. George Costello, Professor.....	50	1 556
3. Paul Guy Jones, Professor.....	75	3 234
4. Omar M. Sidebottom, Professor.....	75	2 834
5. ———, Professor .....	67	2 697
6. Albert C. Bianchini, Associate Professor.....	50	1 267
7. Donald E. Carlson, Associate Professor.....	50	1 323
8. John W. Murdock, Associate Professor.....	83	2 167
9. Russell S. Jensen, Assistant Professor.....	50	1 223
10. ———, Assistant Professor.....	50	1 178
		(20 313)

**Urban Planning**

1. William I. Goodman, Professor.....	67	\$ 3 112
		(3 112)

**Vocational and Technical Education**

1. Elizabeth J. Simpson, Professor (June 16 to July 12).....	100	\$ 2 023
2. Thomas S. Baldwin, Associate Professor.....	100	3 634
3. Robert A. Campbell, Associate Professor.....	100	2 789
4. Mary E. Mather, Associate Professor (July 14 to August 9).....	100	1 295
5. Hazel T. Spitze, Associate Professor (June 16 to July 12).....	100	1 156
6. Henry J. Sredl, Associate Professor.....	50	1 595
7. Robert A. Tinkham, Associate Professor (June 16 to July 12).....	100	1 239
8. Robert M. Tomlinson, Associate Professor.....	100	3 212
9. Anna Mahaffey, Assistant Professor.....	100	2 512
10. Edward T. Anderson, Instructor.....	50	1 023
11. Peter Johnson, Visiting Lecturer (June 16 to July 12).....	100	1 500
12. ———, Visiting Lecturer.....	50	1 489
13. ———, Visiting Lecturer (June 16 to July 12).....	100	1 500
14. ———, Visiting Lecturer (July 14 to August 9).....	100	1 500
15. ———, Visiting Lecturer (June 16 to July 12).....	100	2 000
		(28 467)

**Zoology**

1. Francis J. Kruidenier, Professor.....	100	\$ 3 334
2. Hurst H. Shoemaker, Associate Professor.....	100	2 489
3. Edward H. Brown, Jr., Assistant Professor.....	100	2 623
4. David L. Stocum, Assistant Professor.....	100	2 334
5. Richard D. Kreutzer, Instructor.....	100	1 634
6. 3.50 FTE Assistants.....		3 892
		(16 306)

**Linguistic Institute**

1. Frederic Lehman, Professor.....	50	\$ 1 645
(See Anthropology) .....	(50)	(1 644)
(Total salary) .....		(3 289)
2. Yamuna Kachru, Associate Professor.....	50	1 245
3. Chin-Woo Kim, Assistant Professor.....	100	2 334
4. David Abercrombie, Visiting Lecturer.....	100	4 600
(5 Buccleuch Place, Edinburgh 8, Scotland)		



	<i>Per Cent Time</i>	<i>Summer Salary</i>
5. S. Abraham, Visiting Lecturer..... (Room 205, Maon Akademiam, R. Hameginim 131, Haifa, Israel)	100	2 500
6. _____, Visiting Lecturer.....	100	2 100
7. Gordon H. Fairbanks, Visiting Lecturer..... (1007 Triphammer Road, Ithaca, New York 14850)	100	4 975
8. Bruce Fraser, Visiting Lecturer..... (150 West Canton Street, Boston, Massachusetts 02118)	100	2 800
9. _____, Visiting Lecturer.....	100	4 000
10. Ruqaiya Halliday, Visiting Lecturer..... (31 the Lawns, Lee Terrace, London SE3, England)	50	1 200
11. Ray Jackendoff, Visiting Lecturer..... (Room 20D-102, Massachusetts Institute of Technology, Cambridge, Massachusetts 02139)	50	1 500
12. G. Hubert Mathews, Visiting Lecturer..... (Room 20D-102, Massachusetts Institute of Technology, Cambridge, Massachusetts 02139)	100	3 500
13. _____, Visiting Lecturer.....	100	3 000
14. Sol Saporta, Visiting Lecturer..... (11721 Fifth Avenue N.E., Seattle, Washington 98105)	100	5 200
15. _____, Visiting Lecturer.....	100	3 125
16. Sarah G. Thomason, Visiting Lecturer..... (See Slavic Institute).....	50	1 100
(Total salary) .....	(50)	(1 100)
(Slavic Department, Yale University, New Haven, Con- necticut 06500)		(2 200)
17. Zeno Vendler, Visiting Lecturer.....	75	3 204
(See Philosophy) .....	(25)	(1 068)
(Total salary) .....		(4 272)
(28 Cheltenham Road, Calgary 48, Alberta, Canada)		
18. Ladislav Zgusta, Visiting Lecturer.....	100	4 000
(Oriental Institute, 4, Lazenska, Praha k-Mala Strana, Czechoslovakia)		
19. 1.50 FTE Assistants.....		1 668
		(53 696)

#### American Council of Learned Societies Grant (44-32-52-102)

1. Robert B. Lees, Professor.....	100	\$ 4 067
2. Henry R. Kahane, Professor..... (See Spanish, Italian, and Portuguese).....	50	2 334
(Total salary) .....	(50)	(2 334)
3. B. B. Kachru, Associate Professor.....	100	(4 668)
		2 589
		(8 990)
Expense .....		\$2 135
Wages .....		6 875
		(9 010)
<i>Total, ACLS Grant.....</i>		<i>(18 000)</i>

#### CIC Cooperative Summer Institute in Slavic Languages and Area Studies

1. Howard Aronson, Visiting Lecturer..... (c/o Department of Slavic Languages, University of Chi- cago, Chicago, Illinois)	100	\$ 3 445
2. Borys Bilokur, Visiting Lecturer..... (c/o Department of German and Slavic, University of Connecticut, Storrs, Connecticut 06268)	100	2 500
3. Tatjana Cizevska, Visiting Lecturer (June 16 to July 12)....	100	2 000
(404 Lafayette Towers E., Detroit, Michigan 48207)		
4. _____, Visiting Lecturer.....	100	3 400
5. Rimvydas Silbajoris, Visiting Lecturer (July 14 to August 9)	100	2 000
(4082 Ruxton Lane, Columbus, Ohio 43221)		
6. Irena Slawinska, Visiting Lecturer.....	100	2 700

	<i>Per Cent Time</i>	<i>Summer Salary</i>
7. Sarah G. Thomason, Visiting Lecturer..... (c/o Slavic Department, Yale University, New Haven, Connecticut 06500)	50	1 100
8. 3.00 FTE Assistants.....		3 336 (20 481)
<b>U.S. Office of Education Grant</b>		
1. Clayton L. Dawson, Professor.....	75	\$ 3 534
2. Temira Pachmuss, Professor.....	50	1 889
3. Frederick M. Gottheil, Associate Professor..... (See Economics)..... (Total salary).....	50 (50)	1 650 (1 650) (3 300)
4. Steven P. Hill, Assistant Professor.....	50	1 162
5. Benjamin Uroff, Instructor (June 16 to July 12).....	100	1 100
6. _____, Visiting Lecturer.....	100	1 800
7. _____, Visiting Lecturer (June 16 to July 12).....	100	1 700
8. _____, Visiting Lecturer.....	100	1 700
9. _____, Visiting Lecturer.....	50	1 700 (16 235)
Expense.....		2 423
Wages.....		1 500 (3 923)
<i>Total, USOE Grant</i> .....		(20 158)
<b>Departmental Wages and Expense Budget</b>		
Child Development .....		\$ 400
Classics .....		
Wages, Expense, and Honoraria.....		715
Education .....		
Wages, Expense, and Honoraria.....		2 500
Student Teaching (Wages and Expense).....		3 600 (6 100)
Forestry Camp .....		
Wages.....		1 600
Expense.....		3 900
Operation and Maintenance (Camp Rabideau).....		2 800 (8 300)
Geography .....		
Expense.....		500
Geology .....		
Expense.....		800
Graduate College .....		
Wages.....		1 200
Linguistic Institute .....		
Honoraria .....		2 000
Travel.....		2 500
Expense .....		1 900 (6 400)
Recreation and Park Administration .....		
Expense.....		2 475
Stipends for Supervisors.....		1 295 (3 770)
<i>Total</i> .....		(\$28 185)

#### AWARD OF CERTIFIED PUBLIC ACCOUNTANT CERTIFICATES

(2) 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>Names</i>	<i>Addresses</i>	<i>States from Which They Obtained Certificates</i>
ABRAHAM ELLIOTT BELL	Richmond Heights, Missouri	Missouri
EDWIN ROBERT ELIASON, JR.	Palatine, Illinois	Washington
JOHN WESLEY FRITZ	Kenilworth, Illinois	Missouri
WILLIAM KEPLER QUINLAN	Indianapolis, Indiana	Ohio
ANDREW JOSEPH THOMAS	Rockford, Illinois	Ohio
FERDINAND HENRY VAUGHAN, JR.	Morton Grove, Illinois	Michigan

I concur.

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

#### **APPOINTMENT OF VICE CHANCELLOR, MEDICAL CENTER**

(3) The Chancellor for the Medical Center campus recommends establishment of the administrative staff position of Vice Chancellor in the Office of the Chancellor, and the appointment to that position of Dr. Donald J. Caseley, presently Medical Director of the Research and Educational Hospitals, Associate Dean of the College of Medicine, and Lecturer in the Department of Preventive Medicine and Community Health. The appointment would become effective February 1, 1969, for service on a twelve-month basis at an annual salary of \$34,500.

Dr. Caseley's long and distinguished services to the University of Illinois are well known to the Trustees.

As Vice Chancellor, Dr. Caseley would undertake duties as assigned by the Chancellor. Initially, he would serve as Chairman of the Campus Planning Committee for the Medical Center campus and would represent the Office of the Chancellor in long-range planning and development of campus physical facilities. He would serve as the campus liaison officer for relationships with the federal government, with particular reference to federal legislation for Regional Medical Programs and for Comprehensive Health Planning. The Vice Chancellor would also coordinate the planning at the Medical Center campus related to community health programs, hospital and health agency affiliations, and extension and public service activities.

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

I concur.

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

#### **DIRECTORSHIP OF THE BUREAU OF COMMUNITY PLANNING, URBANA**

(4) The Dean of the College of Fine and Applied Arts at Urbana recommends the appointment of Eric C. Freund, presently Associate Professor of Community and Urban Planning, as Director of the Bureau of Community Planning beginning February 1, 1969, at an annual salary of \$16,300 on a twelve-month service basis.

Professor Freund will continue to hold the rank of Associate Professor on indefinite tenure.

The appointment is to succeed Professor Joseph M. Heikoff who has asked to be relieved of this administrative assignment as of February 1, 1969.

This recommendation has the support of the staff of the Bureau of Community Planning. The Executive Vice President and Provost, the Chancellor and the Dean of the Graduate College at Urbana endorse this recommendation.

I concur.

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

#### **DIRECTORSHIP OF THE HEALTH SERVICE, URBANA**

(5) I recommend the appointment of Dr. Laurence M. Hursh, presently Professor of Health Science and Acting Director of the Health Service, as Professor of Health Science on indefinite tenure and as Director of the Health Service at Urbana-Champaign, beginning February 1, 1969, at an annual salary of \$26,500 on a twelve-month service basis.

Dr. Hursh will succeed Dr. Orville S. Walters who resigned as Director effective September 1, 1968.

This appointment has the concurrence of the Executive Committee of the Health Service<sup>1</sup> and is supported by the Executive Vice President and Provost and the Chancellor at Urbana.

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

#### CHAIRMANSHIP OF THE DEPARTMENT OF VOCATIONAL AND TECHNICAL EDUCATION, URBANA

(6) The Dean of the College of Education at Urbana recommends the appointment of Lloyd J. Phipps, presently Professor of Vocational and Technical Education, as Chairman of the Department of Vocational and Technical Education beginning February 1, 1969, at an annual salary of \$22,950 on a twelve-month service basis.

Professor Phipps will continue to hold the rank of Professor on indefinite tenure.

Professor Phipps will succeed Professor M. Ray Karnes who is resigning as Chairman of the Department effective February 1, 1969. Dr. Elizabeth J. Simpson has been acting Chairman during Dr. Karnes' absence from campus on assignment in Sierra Leone.

The nomination of Professor Phipps was made with the advice of the Executive Committee of the Department of Vocational and Technical Education<sup>2</sup> and is supported by the Executive Vice President and Provost, the Chancellor and the Dean of the Graduate College at Urbana.

I recommend approval.

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

#### APPOINTMENTS TO THE FACULTY

(7) 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.)

#### Medical Center

1. MARJORIE C. BARNETT, Clinical Assistant Professor of Psychiatry, College of Medicine, on 30 per cent time, beginning December 16, 1968 (DY30), at an annual salary of \$5,400.
2. SAMUEL S. CLARK, Assistant Professor of Urology in Surgery, College of Medicine, on 25 per cent time, beginning December 1, 1968 (DY25), at an annual salary of \$3,400.

#### Urbana

3. STANLEY N. ROSCOE, Associate Director for Research in the Institute of Aviation, Professor of Psychology and of Aeronautical and Astronautical Engineering, beginning November 1, 1968 (BY;A), at an annual salary of \$26,000.

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

<sup>1</sup> P. R. Stubing, Psychiatrist in the Health Center and Assistant Professor of Health Science, *Chairman*; E. W. Cavins, Staff Physician in the Health Center and McKinley Hospital and Associate Professor of Health Science; G. A. Fella, Sanitarian and Associate in Health Science; M. D. Kinzie, Staff Physician in the Health Center and McKinley Hospital and Associate Professor of Health Science; P. W. Yardy, Staff Physician in the Health Center and Assistant Professor of Health Science.

<sup>2</sup> Elizabeth J. Simpson, Professor of Vocational and Technical Education and Acting Head, *Chairman*; Mary E. Mather, Associate Professor of Vocational and Technical Education; and Robert M. Tomlinson, Assistant Professor of Vocational and Technical Education.

**MASTER OF SCIENCE IN INFORMATION ENGINEERING  
AND IN BIOENGINEERING, CHICAGO CIRCLE**

(8) The Chancellor at Chicago Circle recommends approval of a program leading to the degree of Master of Science, with areas of specialization in Information Engineering and Bioengineering. The program has been approved by the Chicago Circle Senate, and the Senate Coordinating Council has indicated that no other Senate jurisdiction is involved. The Executive Vice President and Provost concurs in this recommendation.

The two areas of specialization are combined into a joint program because of the several teaching and research activities which are of mutual interest, the most prominent of these being communication theory, automatic control theory, and the theory and applications of computer science.

The area of specialization in information engineering contains most aspects of first-year graduate work in what are commonly called electrical engineering curricula. It is an area in which intensive research is being conducted by industry, government, and the academic world. The need for qualified graduates with a master's degree, combined with the availability of large numbers of graduating seniors, is such that the department does not anticipate difficulty in obtaining high calibre graduates.

The area of specialization in bioengineering is concerned with a wide variety of activities, ranging from creation of new biomedical instrumentation to the application of principles of information, communication and control to the study of living systems. It is anticipated that the need for graduates with the training in the fields indicated will be considerable throughout the immediate Chicago metropolitan area and beyond.

The requirements for admission and requirements for the degree are compatible with the several existing masters programs previously approved by the Board of Trustees and the Board of Higher Education and now being implemented at the Chicago Circle campus.

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

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

**MASTER OF ARTS IN POLITICAL SCIENCE, CHICAGO CIRCLE**

(9) The Chancellor at Chicago Circle recommends approval of a program leading to the degree of Master of Arts in Political Science. The program has received the approval of the Chicago Circle Senate, and the Senate Coordinating Council has indicated that no other Senate jurisdiction is involved. The Executive Vice President and Provost concurs in the recommendation.

The areas of specialization for the new degree will be American Government and Public Administration, but there will be substantial offerings in other fields of political science, including urban affairs, political theory, comparative government, and international relations.

The intent of the program is to help satisfy the growing need both for terminal Master of Arts degree recipients in political science, as well as those who will continue for the Doctor of Philosophy degree. The department recognizes the need for public service training for (1) the person who intends to enter the public service as a profession, and (2) the person who is already a civil servant but wishes additional training to enhance his professional competence.

The metropolitan setting in Chicago provides a unique laboratory both for faculty and students. Departmental planning has taken into account the opportunities for interdisciplinary cooperation, especially through the Center for Urban Studies at Chicago Circle. A major function of the proposed program will be to support the Center and graduate work in allied fields such as sociology, economics, history, and criminal justice. New courses introduced and recently-recruited personnel reflect the department's intention to develop specialization in subject-matter areas such as ghetto politics and the politics and administration of urban technology.

The requirements for admission and requirements for the degree are compatible with the several existing masters programs previously approved by the Board of Trustees and the Board of Higher Education and now being implemented at the Chicago Circle campus.

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

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

#### **COOPERATIVE OPERATION OF RECREATION RESEARCH AND SERVICES, URBANA**

(10) The Deans of the Colleges of Agriculture and Physical Education at Urbana have concurred in an informal working arrangement for cooperative operations of the Rural Recreation Section of the Cooperative Extension Service and the Field Service of the Department of Recreation and Park Administration of their respective colleges. The central office which coordinates program development and operation is known as the Office of Recreation and Park Resources.

The functions of both organizations are closely related and a number of areas of common interest and effort have been identified. Coordination of these functions is expected to result in more effective service.

The administrative arrangement, as presently agreed upon by the deans concerned, does not necessitate fund transfers or new budgetary units since funds from both units are still identified separately.

Procedures have been developed for the evaluation of the accomplishments of the new working arrangement.

On motion of Mr. Williamson, this report was received for record.

#### **AN INTERINSTITUTIONAL GRADUATE STUDY CENTER IN THE QUAD-CITIES AREA<sup>1</sup>**

(11) At its meeting on September 18, 1968, the Board of Trustees approved in principle the participation by the University of Illinois in the establishment and operation of a "Graduate Study Center" in the Quad-Cities Area—in cooperation with five other Illinois and three Iowa institutions.

Subsequently, at a meeting held in Moline on October 31, 1968, the Inter-institutional Committee that had been planning the program reached agreement on (a) "A Design for a Graduate Study Center in the Quad-Cities" and (b) proposed Articles of Incorporation. Copies of these documents are being filed with the Secretary of the Board for record. (The Executive Vice President and Provost and the Dean of the Graduate College at the Urbana-Champaign campus represented the University of Illinois on that Committee.)

The Board of Higher Education on December 2, 1968, approved the two documents listed above and also a biennial budget request of \$94,850 to be submitted to the General Assembly for an appropriation to cover the portion of the operating costs of the Center to be met by the state of Illinois. As noted on page 4 of an excerpt from Executive Director's Report No. 71, which is being filed with the Secretary of the Board for record, it was decided to ask that these funds be appropriated to the Board of Higher Education for reallocation to the Graduate Study Center's governing board, instead of having the individual Illinois institutions seek to fund this amount through their respective biennial budgets. Such an arrangement represents a modification of the proposal on funding responsibilities included in the "Design" prepared by the Interinstitutional Committee.

On page 4 of the Executive Director's Report No. 71, it is proposed that the Graduate Study Center be incorporated in February, 1969, if approvals of all of the constituent boards of control can be secured. Accordingly, the Executive Vice President and Provost recommends that the Board of Trustees formally authorize participation by the University of Illinois in the incorporation and governance of the Center—in accordance with the terms described in the document entitled "A Design for a Graduate Study Center in the Quad-Cities"—with the understanding that no University funds would be required for the operation of the Center as such during 1969-71. Whatever costs might result from special courses offered by the University in the Center's program, in addition to current commitments for extension courses in the Quad-Cities, would be

<sup>1</sup> The Quad-Cities Area includes the following cities: Moline, East Moline, Rock Island, and Davenport.

met from the item of \$163,501 included in the University's 1969-71 budget request for the Division of University Extension or from the General Reserve.

I concur.

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

**APPLICATIONS FOR GRANT FUNDS UNDER TITLE II OF THE  
HIGHER EDUCATION FACILITIES ACT OF 1963**

(12) Under the Higher Education Facilities Act of 1963, the United States Commissioner of Education is authorized to grant funds for the construction, rehabilitation, and improvement of academic and related facilities. The requirements of the Department of Health, Education, and Welfare for the submission of applications for grants under the Act necessitate the adoption of a formal resolution by the Board authorizing the filing of applications and designating the person to act on behalf of the University in connection therewith.

It is recommended that The Board of Trustees of the University of Illinois adopt the resolution submitted herewith authorizing the filing of an application for a grant for the Construction of Science and Engineering South Addition (Engineering) at Chicago Circle and designating James E. Osborn, Director of Business Affairs at Chicago Circle, as the officer authorized to file the application on behalf of the University for construction at Chicago Circle.

**Resolution Authorizing the Filing of Application for Grant Funds  
Under Title II of the Higher Education Facilities Act of 1963**

WHEREAS, the U.S. Commissioner of Education is authorized under the Higher Education Facilities Act of 1963 to grant funds for the construction, rehabilitation, and improvement of certain academic and related facilities; and

WHEREAS, The Board of Trustees of the University of Illinois, the governing body of the University of Illinois, hereinafter called the Applicant, is cognizant of the conditions under which such grant funds are made available and approved for payment to an applicant; and

WHEREAS, it is the sense of the governing body of the Applicant that it is desirable to apply for a grant under Title II of the aforementioned act for the project described as follows:

Construction of Science and Engineering South Addition (Engineering)  
at Chicago Circle

*Now, therefore, be it*

*Resolved*, that an application for the project described above is authorized and directed to be filed with the Office of Education, Department of Health, Education, and Welfare, United States of America; and be it further

*Resolved*, that The Board of Trustees of the University of Illinois designates James E. Osborn, Director of Business Affairs, Chicago Circle Campus, as the officer authorized to file the application and act as the representative of this Board in connection with said application.

Signed.....  
TIMOTHY W. SWAIN, President  
The Board of Trustees of the  
University of Illinois  
January 15, 1969

On motion of Mr. Williamson the foregoing resolution was adopted.

**CONTRACT WITH BOARD OF EDUCATION OF THE CITY OF CHICAGO**

(13) The Chancellor at Chicago Circle and the Vice President and Comptroller recommend award of a contract with the Board of Education of the City of Chicago in the amount of \$11,713.75.

This contract provides for reimbursement to the Board of Education for the services of one of their staff members, who will serve as Specialist in Education, as a supervisor of the student teachers of English.

Funds are available from the College of Liberal Arts and Sciences unassigned salaries.

I concur.

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

**REQUEST TO ILLINOIS BUILDING AUTHORITY TO INCREASE  
CONTRACT FOR CONSTRUCTION OF ARCHITECTURE AND  
ART LABORATORIES, PHASE II, CHICAGO CIRCLE**

(14) The President of the University, with the concurrence of appropriate administrative officers, recommends that the Board of Trustees request the Illinois Building Authority to authorize an increase of \$14,549.19 in the contract with the Gust K. Newberg Construction Co., Chicago, to reimburse Commonwealth Edison Company for the services of their representatives employed in conjunction with the construction of the pedestrian walkway over the Commonwealth Edison Company Vernon Park substation which will provide pedestrian access to the Architecture and Art Laboratories, Phase II, at the Chicago Circle campus.

Funds are available in the project budget for this work.

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

**REQUEST TO ILLINOIS BUILDING AUTHORITY TO CONTRACT FOR  
CONSTRUCTION OF EDUCATION AND COMMUNICATIONS  
BUILDING, CHICAGO CIRCLE**

(15) On December 19, 1968, the Illinois Building Authority received bids for construction of the Education and Communications Building at the Chicago Circle campus. This project is one which the Board, at its meeting on July 26, 1967, requested the Illinois Building Authority to provide. The plans and specifications comply with the requirements of the Facilities for the Handicapped Act. The Authority will finance the construction and lease the facilities to the University. Funds for rental payments are available in state appropriations to the University. Jurisdiction of the land on which the project will be constructed is being transferred to the Authority.

The low base bid was submitted by E. H. Marhoefer, Jr. Co., Franklin Park, with a base bid in the amount of \$6,060,606. Proposals were also received from the George Sollitt Construction Co., Chicago, Gust K. Newberg Construction Co., Chicago, Paschen Contractors, Inc., Chicago, and Mayfair Construction Company, Chicago. There are no irregularities in the bid proposal of the low bidder, who is deemed fully qualified to construct this project.

While the total funds required to complete construction are within the amount declared to be in the public interest by the Seventy-fifth General Assembly, the Board of Higher Education has arranged with the Illinois Building Authority that the Authority will not use a portion of this amount declared by the General Assembly to be in the public interest until the State Board specifically approves such use. This reserve amount consists of a "cost increase reserve" to be used for the purpose of off-setting cost increases determined by actual bid experience.

In accordance with the procedure adopted by the Board of Higher Education on October 3, 1967, and in order to complete construction as planned, it is necessary that the University request the Board of Higher Education and the Illinois Building Authority to release \$391,582 of the \$578,157 in the "cost increase reserve" for this project.

Accordingly, the President of the University, with the concurrence of appropriate administrative officers, recommends:

1. The Board of Higher Education and the Illinois Building Authority be requested to release \$391,582 in the "cost increase reserve."
2. The Illinois Building Authority be requested to award a construction contract for the amount of \$6,060,606 to E. H. Marhoefer, Jr. Co., Franklin Park, the



low base bidder, and proceed to procure this facility for the use of the University.

3. 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 facility by the Illinois Building Authority.
4. The adoption of the resolutions submitted herewith to implement the official actions required, including authorization of the instrument of transfer of jurisdiction of real estate to the Illinois Building Authority.

Submitted herewith is a report of the Physical Plant Planning and Construction Office, including a schedule of the bids received, a copy of which is being filed with the Secretary of the Board for record.

### Resolution

WHEREAS the Seventy-fifth General Assembly of the State of Illinois has declared it to be in the public interest that the Illinois Building Authority construct, on behalf of The Board of Trustees of the University of Illinois, an Education and Communications (Education Center) Building on the Chicago Circle campus of the University of Illinois in Chicago, Illinois; and

WHEREAS for that purpose it will be necessary for the Illinois Building Authority to acquire jurisdiction of the real estate upon which said building will be located; and

WHEREAS The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois with its principal office in Urbana, Illinois, will be requested by the Illinois Building Authority to transfer jurisdiction of said real estate for the construction of said building.

*Now, Therefore, Be It and It Is Hereby Resolved* by The Board of Trustees of the University of Illinois, as follows:

Section 1: That the Comptroller and the Secretary of The Board of Trustees of the University of Illinois be, and they hereby are, authorized to make, execute, acknowledge, and deliver in the name and on behalf of this corporation, an instrument of transfer of jurisdiction to the property described in the attached document entitled "Instrument of Transfer," which said form of Instrument of Transfer is, by this reference, incorporated in and made a part of this Resolution.

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

January 23, 1969

### Instrument of Transfer

In accordance with the provisions of "An Act to create the Illinois Building Authority and to define its powers and duties," approved August 15, 1961, as amended, and Resolution No. .... IBA....., adopted on the ..... day of ....., 19..... by the Illinois Building Authority, a body corporate and politic of the State of Illinois, created under said mentioned Act, requesting the transfer of the certain described real estate and jurisdiction thereof to the Illinois Building Authority;

*Now, Therefore*, the undersigned The Board of Trustees of the University of Illinois does hereby transfer jurisdiction of the following real estate to the Illinois Building Authority, to wit:

### Exhibit "A"

A parcel of land in the Northeast  $\frac{1}{4}$  of Section 17, Township 39 North, Range 14 East of the Third Principal Meridian, in Cook County, Illinois, bounded and described as follows:

Commencing at the point of intersection of a line 6.00 feet West and parallel with the West line of South Morgan Street (66 feet wide) and a line 18.00 feet North of and parallel with the North line of West Harrison Street (66 feet

wide); thence South 89°-53'-57" West a distance of 441.05 feet to a point; thence due North 14.74 feet to the point of beginning of said parcel of land; thence North 00° West, 192.54 feet; thence North 90° East 363.08 feet; thence South 00° East, 60.00 feet; thence South 90° West, 76.00 feet; thence South 00° East, 55.50 feet; thence South 45° West, 108.95 feet; thence South 90° West, 210.04 feet to the point of beginning. (Said point of beginning being 1756.48 feet West of the Northward prolongation of the East line of the Southeast ¼ of said Section 17 measured perpendicularly to said Northward prolongation of said East line from a point 2693.74 feet North of the Southeast corner of the Southeast ¼ of said Section 17.)

Being the site upon which the Illinois Building Authority is to construct and complete an Education and Communication Building at the Chicago Circle Campus.

*In Witness Whereof*, The Board of Trustees of the University of Illinois a body corporate and politic of the State of Illinois, has caused this instrument to be executed by its Comptroller pursuant to due authorization of its Board of Trustees, and its seal to be hereunto affixed and attested by the Secretary of The Board of Trustees of the University of Illinois all as of the ..... day of ..... 19.....

This instrument has been executed in several counterparts each of which may be considered as an original.

THE BOARD OF TRUSTEES OF THE  
UNIVERSITY OF ILLINOIS

By.....  
Comptroller

Attest:

.....  
Secretary (Seal)

I hereby approve the foregoing transfer as being advantageous to the State of Illinois and in the public interest.

Dated ....., 19.....

.....  
Governor, State of Illinois

Approved as to form and content:

.....  
Counsel for The Board of  
Trustees of the University of Illinois

STATE OF ILLINOIS } SS  
COUNTY OF }

#### Acknowledgement

I, ....., a Notary Public in and for the County and State aforesaid, do hereby certify that H. O. Farber and E. W. Porter, personally known to me to be the Comptroller and Secretary of The Board of Trustees of the University of Illinois, respectively, whose names are subscribed to the foregoing instrument, personally appeared before me this day and acknowledged that they signed and delivered the said instrument of writing as Comptroller and Secretary respectively, of said Board, pursuant to authority given by "An Act to create the Illinois Building Authority and to define its powers and duties." approved August 15, 1961, as amended (Ill. Rev. Stats. 1967, Chapter 127, Paragraphs 213.1-213.14), as their free and voluntary acts as the free and voluntary act of The Board of Trustees of the University of Illinois, for the uses and purposes therein set forth.

GIVEN under my hand and official seal, this ..... day of ..... 19.....

.....  
Notary Public

My Commission Expires .....

### Certification

TO THE ILLINOIS BUILDING AUTHORITY:

This is to certify that an executed counterpart of the attached Instrument of Transfer was filed for record in the office of the Recorder of Deeds, Cook County, on this date. Recorded in Book ..... on Page ..... Document .....

Dated this ..... day of ....., 19.....

.....  
Legal Counsel, The Board  
of Trustees of the University  
of Illinois

### 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 the E. H. Marhoefer, Jr. Co., 2424 North 25th Avenue, Franklin Park, Illinois, a contract in the amount of \$6,060,606 for construction of the Education and Communications (Education Center) Building at the Chicago Circle campus in accordance with the base bid submitted.

*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 the Secretary of this public corporation be, and they hereby are, authorized to make, execute, acknowledge, and deliver, in the name and on behalf of this 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. Hughes, Mr. Jones, Mr. Pogue, Mr. Swain, Mr. Williamson; no, none; absent, Governor Ogilvie, Mr. Page, Dr. Weatherly.

#### CONTRACT FOR ELECTRICAL WORK TO THE ILLINOIS NEUROPSYCHIATRIC INSTITUTE, MEDICAL CENTER

(16) The President of the University, with the concurrence of appropriate administrative officers, recommends award of a contract in the amount of \$187,263 — the low base bid and deductive alternates 1, 2, and 3 — to Midwest Interstate Electrical Construction Co., Chicago, the low bidder, to provide a new power supply to the Illinois Neuropsychiatric Institute at the Medical Center campus.

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

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

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

#### REQUEST TO ILLINOIS BUILDING AUTHORITY TO CONTRACT FOR CONSTRUCTION OF MUSIC BUILDING, URBANA

(17) On December 19, 1968, the Illinois Building Authority received bids for construction of a Music Building at the Urbana-Champaign campus. The project is one which the Board at its meeting on July 26, 1967, requested the Illinois Building Authority to provide. The plans and specifications comply with the requirements of the Facilities for the Handicapped Act. The Authority will finance the construction and lease the facilities to the University. Funds for rental payments are available in state appropriations to the University. Jurisdic-

tion of the land on which this project is to be constructed will be transferred to the Illinois Building Authority at a later date.

The low base bid was submitted by McCarthy Bros. Construction Company, St. Louis, Missouri, in the amount of \$4,097,940. Proposals were also received from J. L. Simmons Co., Decatur, and C. Iber & Sons, Peoria. There are no irregularities in the bid proposal of the low bidder who is deemed fully qualified to construct this project.

The State of Illinois Board of Higher Education has arranged with the Illinois Building Authority that the Authority will not use a portion of the amount declared by the General Assembly to be in the public interest until the State Board specifically approves such use. This reserve amount consists of a "cost increase reserve" to be used for the purpose of off-setting cost increases determined by actual bid experience.

In accordance with the procedure adopted by the Board of Higher Education on October 3, 1967, and in order to complete construction as planned, it is necessary that the University request the Board of Higher Education and the Illinois Building Authority to release the \$338,000 in the "cost increase reserve" for this project.

Assuming the release of the "cost increase reserve" as stated above, the project budget will still be \$155,000 in excess of the amount declared to be in the public interest for this particular project by the Seventy-fifth General Assembly. However, the Act provides that the cost of any specific project may exceed the amount set forth therefor provided that the aggregate amount to be financed by the Illinois Building Authority for each Board is not exceeded. In order to finance this deficit, it will be necessary to request the Illinois Building Authority to allocate to this project an additional \$155,000 from the funds declared to be in the public interest and which are available from amounts not required for the Foreign Languages Building.

Accordingly, the President of the University with the concurrence of appropriate administrative officers recommends:

1. The State of Illinois Board of Higher Education and the Illinois Building Authority be requested to release the \$338,000 "cost increase reserve" to this project.
2. The Illinois Building Authority be requested to allocate an additional \$155,000 to this project from the funds declared to be in the public interest for the Foreign Languages Building for the use of The Board of Trustees of the University of Illinois.
3. The Board of Trustees requests the Illinois Building Authority to award a construction contract for the sum of \$4,097,940 to McCarthy Bros. Construction Company, St. Louis, Missouri, the low base bidder, and proceed to procure this facility for the use of the University.
4. 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 facility by the Illinois Building Authority.
5. The adoption of the resolution submitted herewith to implement the official actions required.

Submitted herewith is a report of the Physical Plant Planning and Construction Office, including a schedule of bids received, a copy of which is being filed with the Secretary of the Board for record.

#### 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 McCarthy Bros. Construction Company, P.O. Box 20036, Brentwood Station, St. Louis, Missouri, a contract in the amount of \$4,097,940 for construction of the Music Building at the Urbana-Champaign campus in accordance with the base bid submitted.

*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. Grimes, the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Pogue, Mr. Swain, Mr. Williamson; no, none; absent, Governor Ogilvie, Mr. Page, Dr. Weatherly.

**CONTRACT FOR CONSTRUCTION OF PEABODY DRIVE BRANCH  
OF FIRST STREET STORM SEWER, CHAMPAIGN**

(18) The President of the University, with the concurrence of appropriate administrative officers, recommends award of a contract in the amount of \$37,865 to Barker Construction Co., Inc., Danville, the low bidder, for construction of the Peabody Drive Branch of the First Street storm sewer at the Urbana-Champaign campus.

Funds are available in state capital appropriations to the University for 1967-69 and have been released by the Governor.

Submitted herewith is a report from the Physical Plant Planning and Construction Office, 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, this contract was awarded by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Pogue, Mr. Swain, Mr. Williamson; no, none; absent, Governor Ogilvie, Mr. Page, Dr. Weatherly.

**EMPLOYMENT OF ENGINEERING PROGRAMMING  
CONSULTANTS, CHICAGO CIRCLE**

(19) The President of the University, with the concurrence of the appropriate administrative officers, recommends the employment of Laboratory Building Designers, Ltd., doing business as Earl L. Walls Associates, La Jolla, California, for consulting services for the development of program requirements for the Science and Engineering South building, Engineering Addition, Chicago Circle campus, Phase IV, at a fee based on actual hours of principals and associates at an agreed hourly rate plus 150 per cent plus reimbursement for travel and other expenses related to the project—with the total fee not to exceed \$13,000.

Funds are available in state capital appropriations to the University for 1967-69 and have been released by the Governor.

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

**AUTHORITY TO EXECUTE CERTAIN CONTRACTS, URBANA**

(20) *The General Rules Concerning University Organization and Procedure* provide that contracts involving payment by the University in excess of \$7,500 in one fiscal year shall be specifically authorized by the Board of Trustees, except for emergency situations when the President is authorized to act.

In the operation of the Krannert Center for the Performing Arts, it will be necessary to enter into contracts for concerts, entertainment, and productions to be offered in the Center. Expenditures under such contracts will normally be from funds received through the sale of tickets or from other sources of the Center. In most cases, the fee will be the standard fee charged for the production.

Problems of scheduling and negotiation for such events and timing make it difficult to secure advance approval of the Board of Trustees on such contracts. I therefore recommend that the Vice President and Comptroller and the Secretary of the Board of Trustees be authorized to execute such contracts when approved by the Chancellor of the Urbana-Champaign campus of the University.

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

#### ESTABLISHMENT OF THE TRUST BENEFIT FUND

(21) The present contract for hospital and medical insurance for students and staff provides that if the University claims are less than 95.5 per cent of the premiums, the University will share in the savings. The company has also agreed to share with the University a savings resulting from a favorable claim experience in 1967-68.

The Vice President and Comptroller recommends that all funds received from the insurance company be placed in a fund entitled "Trust Benefit Fund" and that such funds be invested and the income added to the fund until needed for expenditure, with both the principal and income to be used for student and staff medical and health programs. The specific uses of the fund will be approved by the President, and will include but not be limited to the following:

1. Studies and programs of a nonrecurring nature designed to improve staff hospital and medical benefits.
2. Assistance in individual cases of financial need of students and staff arising out of medical difficulties.
3. A reserve fund for the insurance program which might be used to "even-out" rate changes that might be required in the future.

The Vice President and Comptroller also recommends that the balance (approximately \$8,300) in the University of Illinois Mutual Benefit Hospital Fund be transferred to the Trust Benefit Fund. This fund arose from a voluntary program of hospital and medical services established many years ago.

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

#### PURCHASES

(22) The President submitted, with his concurrence, a list of purchases recommended by the Directors of Purchases and the Vice President and Comptroller; also a list of purchases authorized by the President.

The lists of purchases authorized and 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*

Purchases Recommended .....	\$380 537 79
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##### *From Institutional Funds*

Purchases Recommended .....	\$147 267 26
Purchases Authorized .....	15 257 38

	\$162 524 64
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<i>Grand Total</i> .....	\$543 062 43
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A complete list of the purchases authorized and 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. Clement, the purchases authorized by the President were approved, and the purchases recommended were authorized.

#### COMPTROLLER'S REPORT OF PURCHASES APPROVED

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

This report was received for record.

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

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

**New Contracts**

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
McKissick Products Company	Analysis of material behavior of crane hooks	\$ 8 500
United States Air Force (Electronic Systems Division) F 19628-69-C-0070	Study to estimate instantaneous rainfall rate frequencies at a point and along lines from 5 to 50 miles in length	89 234
<i>Total</i>		<u>\$ 97 734</u>

**Change Orders**

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
International Lead Zinc Research Organization, Inc.	ZM-96 static and dynamic properties of bolted galvanized structures	\$ 20 000
National Sand and Gravel Association	Site development problems related to sand and gravel pit operations re-use	10 000
State of Illinois, Department of Public Health	Conduct and prepare reports of a survey entitled "School Health Problems, Programs, and Services in Suburban Cook County"	74 397
United States Atomic Energy Commission:		
AT (11-1) 1018	Pattern recognition and data handling problems arising in the analysis of bubble chamber photographs of high energy particle events	380 000
AT (11-1) 1198	Understanding the nature of materials, predominantly solids	169 000
AT (11-1) 1469	Computer systems research	600 000
United States Department of Health, Education, and Welfare OEC 3-6-051182-1634	Two-year program of string instruction	56 904
United States Navy N00014-67-A-0305-0007	Research in the design and development of computer circuits and components with emphasis on hybrid analog—digital devices for use in display or switching circuits	30 000
<i>Total</i>		<u>\$1 340 301</u>

**Change Orders**

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>
Barber & DeAtley, Inc.	General work	\$ 6 400
	Davenport House	11 800
	Digital Computer Laboratory	
Emric Electric, Inc.	Electrical work	15 000
Dean Evans Company	General work	5 058
	Turner Hall Greenhouse Phase IV	
Fries Walters Company	Electrical work	8 000
	Utility Tunnel Communications Conduit	
Thomas Plumbing & Heating Company	Plumbing work	9 700
<i>Total</i>		<u>\$ 55 958</u>

**Summary**

Amount to be paid to the University.....	\$1 438 035
Amount to be paid by the University.....	55 958

This report was received for record.

**INVESTMENT REPORT  
For the Month of October, 1968****Report of the Finance Committee**

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

*Pool**Sale:*

\$24 000 Commercial Credit demand notes..... \$24 000 00

**Purchase:**

\$25 000 Commercial Credit demand notes..... \$25 000 00

**Report of the Comptroller**

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

*Current Funds**Ford Foundation Nonwestern Programs***Purchase:**

\$136 000 U.S. Treasury bills due 6/23/69..... \$ 131 120 43

*Krannert Art Objects***Purchase:**

\$266 000 U.S. Treasury bills due 12/31/68..... 263 794 46

*Restricted Group***Purchases:**

\$ 750 000 Beneficial Finance notes due 11/12/68.....	746 526 04
250 000 Cargill notes due 1/6/69.....	246 791 67
1 500 000 U.S. Treasury bills due 1/9/69.....	1 482 400 00
750 000 Cargill notes due 1/16/69.....	738 739 58
750 000 Continental Illinois National Bank C/D due 3/17/69..	750 000 00
1 000 000 Continental Illinois National Bank C/D due 4/3/69...	1 000 000 00
1 000 000 First National Bank of Chicago C/D due 4/4/69.....	1 000 000 00

*Construction Funds**Florida Avenue Residence Halls***Purchase:**

\$308 000 U.S. Treasury bills due 4/30/69..... 299 254 51

*Krannert Center for the Performing Arts***Purchase:**

\$18 000 Federal Land Banks 5½ per cent bonds due 7/20/76..... 17 685 00

*Orchard Apartments***Sales:**

\$26 000 U.S. Treasury bills due 11/30/68..... 25 798 61

40 000 U.S. Treasury bills due 1/30/69..... 39 324 00

**For the Month of November, 1968****Report of the Finance Committee**

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

*Pool***Purchase:**

\$11 000 Sears Roebuck Acceptance Corp. demand notes..... \$ 11 000 00

**Report of the Comptroller**

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

*Current Funds**Ford Foundation Nonwestern Programs***Sale:**

\$83 000 U.S. Treasury bills due 6/23/69..... \$ 80 285 72

**Purchase:**

\$106 000 U.S. Treasury bills due 6/23/69..... 102 475 32

*Restricted Group***Purchases:**

\$1 000 000 Clark Equipment Credit notes due 12/3/68..... 1 000 000 00



300 000	Beneficial Finance notes due 4/7/69.....	292 870 83
720 000	United California Bank acceptances due 4/14/69, endorsed by The Northern Trust.....	791 760 00
300 000	Bank of America acceptances due 4/16/69, endorsed by The Northern Trust.....	292 300 00
1 000 000	First National Bank of Chicago C/D due 5/19/69.....	1 000 000 00

#### *Sinking Funds*

#### *Housing Revenue Bonds*

Purchase:

\$99 000 U.S. Treasury bills due 8/31/69..... 97 485 26

#### *Revenue Bonds of 1956*

Purchase:

\$1 000 U.S. Treasury bills due 8/31/69..... 957 10

#### *Women's Residence Halls of 1956*

Purchase:

\$1 000 U.S. Treasury bills due 8/31/69..... 957 10

This report was received for record.

#### **QUARTERLY REPORT OF THE COMPTROLLER**

(26) The Comptroller presented his quarterly report to the Board as of June 30, 1968.

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

#### **REPORTS ON STUDENT DISCIPLINE**

(27) The President of the University presented the following report:

At the meeting of the Board of Trustees on December 18, 1968, the President of the University was requested to present to the next meeting of the Board (January 15, 1969) full information pertaining to the September 9, 1968, incident at the Illini Union in Urbana and an account of "all actions taken, including the extent to which the guidelines adopted by the Urbana Senate Committee on Student Discipline and endorsed by the Board of Trustees on September 18, 1968, have been followed."

Separately, I have submitted the following materials, provided by the Chancellor of the Urbana-Champaign campus:

1. A report from the Urbana Senate Committee on Student Discipline, plus statements from its four subcommittees:
  - a. Subcommittee A which conducted the hearings on all but one of the students cited for disciplinary action in connection with the September 9, 1968, incident and determined the penalties to be applied. (Professor Wendell Miller, Chairman)
  - b. The Subcommittee for the College of Law which conducted the hearing and recommended a penalty for the one law student involved. (Professor J. Nelson Young, Chairman)
  - c. The subcommittee established to study and make recommendations concerning the disciplinary procedure to be invoked in situations involving group violations of University regulations. (Professor Victor Stone, Chairman)
  - d. The Referral Committee. (Mr. John Scouffas, Chairman)
2. A report from the Urbana Senate Ad Hoc Committee on University Disciplinary Authority and Procedures which is charged by the Senate to make an overall review of its subject, including recommendations for changes as needed. (Professor J. Thomas Hastings, Chairman)
3. A report from the Urbana Campus Legal Counsel as to the rules and procedures followed by Subcommittee A. (Mr. Jack Metzger)
4. A summary report from the Chancellor, including his account of the incident, his evaluation of the adequacy of the disciplinary proceedings, and his recommendations for change. (Chancellor Jack W. Peltason)

Other materials are included as exhibits or appendices.

At the outset, in examining these materials with a view to formulating judgments either on the actions taken or on the adequacy of the disciplinary procedure, I believe that consideration of the Special Experimental Educational Opportunity Program identified as "Project 500" is not here in order. Although the specific issues discussed at the demonstration which led to the violation of law and of University rules were related to Project 500 and although a large number of those involved in the incident were students admitted to that program, I do not believe that the wisdom of having the program or the soundness of its purpose should be brought into a discussion of discipline. The need for the program and the form of its administration are matters of public interest and should be discussed. However, it would be grossly unfair to the Project 500 students who were not involved, and to some who were—as well as to the University's efforts both at Chicago Circle and at Urbana, to study and experiment with ways and means of appropriately enlarging the enrollment of qualified disadvantaged students—to evaluate the Special Experimental Educational Opportunity Program through an assessment of the events of September 9, 1968.

I also believe that it is wholly inappropriate to try to justify the behavior of the guilty students by alleging faults in the administration of the Special Experimental Educational Opportunity program. Violence and intimidation can have no justification on a university campus under any circumstances. To permit such conduct would undermine orderly functioning of the University. The machinery of the University for dealing with student grievances is adequate when unimpaired by coercion. Furthermore, we are always prepared to try to remove cause for criticism when such criticism is found to be justified within the deliberative processes of the University. However, neither failure to resolve a difference of opinion nor refusal to accept the critic's position as valid is an excuse for disorder.

I share completely the Chancellor's evaluation of the inadequacies in the disciplinary process, as presented in his report.

It is my understanding that the following four changes are initial measures to correct some of those inadequacies:

1. A clarifying statement has been issued as to what is a disruptive or coercive action and a disclaimer that a specific "cease and desist" order is a requirement in order to discipline a student for participation in such an action. These two directives in the future should result in the adoption of sanctions commensurate with the seriousness of participation in a coercive or disruptive action, with or without property destruction or physical violence.\*

Although the guidelines previously adopted allowed for dismissal, they were not interpreted as requiring that penalty under the conditions defined.

The text of the statement adopted by the Urbana Senate Disciplinary Committee and now in effect is as follows:

Statement Agreed Upon at Senate  
Disciplinary Committee Meeting  
on January 9, 1969

When, through the disciplinary process, a student is found to have knowingly engaged in a disruptive or coercive action, including knowing participation in a disruptive or coercive demonstration, the penalty will be dismissal or, upon a finding that substantial mitigating circumstances exist, suspended dismissal. An action is disruptive or coercive if it substantially impedes University operations or substantially interferes with the rights of others. A demonstration is disruptive or coercive if it substantially impedes Uni-

\* In the hearings on those cited for discipline for participation in the September 9, 1968, incident here discussed, Committee A was unable to identify anyone as having been guilty of the destruction of property. Sixteen nonstudents were also arrested but were not before the Committee.

versity operations, substantially interferes with the rights of others or takes place on premises or at times where students are not authorized to be. There is no requirement that University authorities specifically order students to cease participation in a disruptive or coercive demonstration."

The Chancellor indicates that this statement will be issued to all new students at the time of their admission and will be given wide publicity to those now enrolled.

2. Hereafter, a single hearing committee (instead of 2, 3, or 4 as now allowable) will be used for all students cited for discipline in the same incident. In this way, responsibility can be centralized and consistency in results obtained.
3. The Chancellor recommends that the Senate Committee on Discipline not permit changes in procedure once charges have been filed. In considering cases arising from the September 9 episode, much time was consumed in deciding how the procedures should be altered to allay criticism as to the fairness of the hearings. Furthermore, the changes made are open to serious question, as the Campus Legal Counsel's comment indicates.
4. The Urbana Senate Committee on Discipline has adopted an interim procedure for handling massive defiance of University regulations, pending the submission of a permanent plan by the study group referred to earlier. This procedure is described in the Chancellor's report.

I fully endorse these actions and urge the Trustees to consider doing so, as well.

Chancellor Peltason also poses some questions upon which recommendations should be forthcoming promptly:

1. Whether or not the adversary procedure is a desirable method for University discipline. The present half-way process tends to alter the Committee's judgmental role without providing the balances that enable an adversary system to work effectively.
2. Whether or not the hearings should be open or closed or remain half open as recently inaugurated. The "observer" practice, in my view, should be discontinued, for the reasons set forth by the Chancellor.
3. Whether or not instances of "mass" defiance of law or University regulation can be separated from the kinds of cases for which the present University disciplinary system has been devised, and such mass defiance treated as an emergency. It would seem that disruption of this type is of an emergency character, and calls for emergency enforcement of law and regulation as well as prompt application of penalties appropriate to the seriousness of the violation.
4. Whether or not the present referral procedure is sound.

As Chancellor Peltason has pointed out, three campus committees are working on these questions—the Senate Committee on Discipline, its special Subcommittee on the problem of massive defiance of University regulations, and the Ad Hoc Senate Committee on the problems of the disciplinary system in general. Their preliminary reports are a part of the material presented by the Chancellor. I believe that the Board of Trustees should encourage these committees to hasten the completion of their work and report as promptly as possible.

I infer, from the action of the Board of Trustees in requesting this report, that it wishes to be kept informed about and to review recommendations for change in the disciplinary process—particularly in the areas noted above—and I am asking Chancellor Peltason to request reports from the committees for my transmittal to the March meeting of the Board of Trustees.

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Up to this point, my report has dealt exclusively with the Urbana-Champaign campus situation because the issues at hand have had their origin on that campus.

However, I trust that it is clear to the public, to students, officers, and faculty that the Trustees' policy as to the prevention of disruption and coercion extends to all campuses, whatever the methods chosen on each campus for the achievement of that result.

Put positively, the University is duty bound to maintain order to the end that the rights of all students and faculty will be protected and the University's obligations to the people of Illinois will be fulfilled.

Chancellor Peltason then spoke briefly, summarizing his own report and other documents that had been sent in advance to the Trustees. His statement is as follows:

President Henry's statement highlights, in my opinion, major points of reference from the complete documents contained in the Report requested by the Board of Trustees. He has noted problem areas arising during the disciplinary proceedings and has outlined constructive actions which can be and have been taken for their correction.

For emphasis I wish to reiterate briefly certain of my observations from study of the disciplinary proceedings. Without minimizing the seriousness of the incident, I regret that some of the mass media gave to the people of Illinois and of the nation a grossly misleading and exaggerated account of what did in fact transpire. These media made it appear that 250 students went on a wild rampage running through the Illini Union destroying all property in sight. The accounts gave the impression that there was a riot. This was not the case: a disruptive and coercive mass demonstration did take place, there was approximately \$4,000 property damage, most of which took place in rooms other than those where the bulk of the students were assembled. As a result of their involvement in this incident most of the students were given a reprimand of record. One was given conduct probation; one a reprimand not of record, and several were found not to have knowingly participated in the event and were acquitted.

I am impressed by the sincerity, commitment, and dedication to the welfare of the University and concern for justice displayed by the faculty and students who serve on our disciplinary committees. They spent hundreds of hours in this thankless task.

I have no basic difference with the subcommittees' findings of fact, even though because of certain deficiencies in our procedures, mentioned in some detail in my report, I believe the subcommittees may not have secured a well-rounded presentation of the facts. The lack of the subpoena power by the University was primarily responsible for the fact that there seemingly was no evidence to connect any particular student with the acts of violence and vandalism which did take place. Even so, both subcommittees found that the demonstration was coercive and disruptive and that participation in it violated University regulations.

Nevertheless I feel compelled to restate that I do not understand our policy to be that participation in a disruptive or coercive demonstration is to be considered as only a minor offense unless there is proof against a student that he acted violently. Nor do I understand that our policy requires a specific announcement to students that they should stop participating in a disruptive demonstration in order to render their participation a serious infraction.

The incident was clearly and obviously disruptive and coercive and in my judgment the subcommittees' discretion in assessing penalties was limited by previously announced unequivocal University regulations as well as by the guidelines issued by the Senate Committee and endorsed by the Board of Trustees.

It is most important, however, that we do not dwell upon the disciplinary actions in a mood of fault-finding and recrimination but that we should profit from these experiences to identify problems and seek their solution.

Key in our efforts to move forward along these lines is removal of any ambiguity about University policy toward disruptive actions and about the appropriate role of disciplinary subcommittees. This, I believe, is done by the statement read to you which I have recommended and which has been issued by the Senate Committee on Student Discipline.

Since each student will be issued a copy of this statement at the time he is admitted or readmitted there should be no questions about his knowledge of University policy about demonstrations and the consequences of participation.

Second, the agreement that henceforth a single hearing subcommittee will deal with all cases in any mass demonstration will take an important step

toward relieving confusion of the involvement of a number of subcommittees hearing evidence and making findings. The Senate Committee on Student Discipline has agreed to this procedure and will appoint such a subcommittee immediately.

Third, there is the determination that once charges have been brought, there should be no alteration in the previously established procedures.

Consideration of changes in procedures after charges had been brought on the September 9-10 incidents was a major factor in the seemingly inordinate delays in arriving at findings in the disciplinary cases. Those who have the responsibility of hearing pending cases must be free from long and heated debate about how procedures might be improved. There should be no delay in disposing of pending cases in order to consider changes of the rules already in force.

The Ad Hoc Senate Committee on University Disciplinary Authority and Procedures is studying the complex problem of "adversary" versus "faculty-student fact finding and judgment" in our system of disciplinary proceedings. This issue and that related to "open" versus "closed" hearings must be resolved along with development of special disciplinary procedures to handle cases involving massive defiances of regulations.

The need for special types of procedures to handle cases of massive defiance is somewhat analogous to the use of injunctive proceedings in the courts of law. While a Subcommittee of the Senate Committee is considering this matter and until it reports to the Senate Committee, the Senate, and the Board, the Senate Committee on Student Discipline has approved an *Interim Procedure* for the invoking of the disciplinary process in the event of a massive defiance of University regulations.

A University disciplinary system must not only do justice, but must be thought to do justice and build confidence in the system on the part of faculty, students, administrative officials, governing bodies, and the general public. At the moment our basic difficulties stem from a crisis of confidence.

I believe that the steps that I already have taken with the support of the Senate Committee on Student Discipline will permit us to implement the Board's policies during the period immediately ahead. I am confident that the Senate Committee, acting under the authority presently vested in it, will take necessary steps to benefit from the experience we have recently gone through.

At the same time, I recognize the need for coming to terms in the near future with the complex problems that remain. Therefore, I recommend to the Board of Trustees that it call for the Ad Hoc Committee on University Disciplinary Authority and Procedures, the Senate Committee on Student Discipline, especially its Ad Hoc Committee to Study Procedures for Handling Incidents Involving Massive Defiance of University Regulations, to bring forward recommendations that may be considered by the Senate in time to be presented to the Board by its March meeting.

You have my report before you along with those of the Senate Committee on Student Discipline and its subcommittees and a report from the Ad Hoc Committee. I will be glad to respond to any questions you may have. Also with me are Dean Cribbet, Chairman of the Senate Committee on Student Discipline, and Dean Bentley, last year's chairman, as well as Professor Hastings, Chairman of the Ad Hoc Committee. They will also be happy to respond to any questions you may care to put to them.

Present for the discussion were the following who were available to the Trustees for questions and comment: John E. Cribbet, Chairman of the Urbana Senate Committee on Student Discipline, and O. G. Bentley, Past Chairman of that Committee; J. Thomas Hastings, Chairman of the Urbana Senate Ad Hoc Committee to Study Disciplinary Authority and Procedures; John Metzger, Legal Counsel for the Urbana-Champaign campus. Professor Hastings spoke briefly concerning the calendar of his Committee, indicating that important aspects of the Committee's work will be finished by the March meeting of the Board of Trustees. In response to a question, he stated that

the Committee welcomed suggestions from all members of the University community including the Trustees.

Following general discussion, including comments from the President and Chancellor, Mr. Clement moved (1) that the Board endorse the four changes (already in process and identified in the report of the President of the University) to correct inadequacies in the existing disciplinary procedures; and (2) that the various committees now considering additional questions be directed to report in time for their conclusions to be presented to the Trustees no later than the March 19, 1969, meeting of the Board.

#### SECRETARY'S REPORT

The Secretary presented for record the following lists: appointments to the faculty made by the President; resignations; leaves of absence. A copy of the report is filed with the Secretary.

#### ANNOUNCEMENTS FROM THE PRESIDENT OF THE BOARD

##### FUTURE BOARD MEETINGS

The President of the Board called attention to the dates for the next three meetings of the Board to be held on February 19, 1969, at the Medical Center campus; March 19, 1969, at Urbana; and on April 9, 1969, place to be determined later.

#### REGULAR MEETING RECESSED

On motion of Mr. Grimes, the meeting was recessed.

#### 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

(28) 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-mass, low-response time, temperature measuring device—C. M. Wayman, Professor of Metallurgical Engineering, Urbana, and David D. Thornburg, Research Assistant in Metallurgy, Urbana, inventors; developed under the sponsorship of the United States Atomic Energy Commission. This device has a much faster response time ( $10^{-6}$ — $10^{-7}$  seconds) than previous available state of the art devices, can be fabricated cheaply, and is of such small thermal mass as not to influence significantly the temperature distribution of the object being examined.

The Committee recommends that this invention be transferred to the University of Illinois Foundation for commercial development, with full recognition of the rights of the United States Atomic Energy Commission.

2. Spinning yoke bearing indicator—George E. Morris, Junior Mechanical Engineer, Mechanical and Industrial Engineering, Urbana, and William C. McClurg, formerly Research Engineer, Electrical Engineering, Urbana, inventors; developed under the sponsorship of the Office of Naval Research. This is a new bearing indicator unit, consisting of the electrical and the mechanical design of a display apparatus for a spinning yoke bearing indicator and the electrical design of the associated deflection amplifier and servo system.

The Committee feels that there is little possibility of commercial value in

the invention and the inventors have advised that they have no interest in filing for a patent. Accordingly, the Committee recommends that the rights be assigned to the sponsor, the Office of Naval Research of the United States government.

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

**“PARTY WALL” AGREEMENT AND ACQUISITION OF LAND  
FOR THE BENEFIT OF MUSIC BUILDING, URBANA**

(29) The proposed Music Building on the Urbana-Champaign campus will be constructed on a site which abuts on its west side a commercial building, a portion of which is faced with concrete block. In order to provide the proper aesthetic effect for the Music Building, it is desirable to screen this wall from view. The most desirable procedure is to construct a brick “party wall,” abutting and tied into the concrete block wall of the commercial building. The existing wall varies in distance from .5 feet to .9 feet from the Music Building site.

The Illinois Building Authority will finance the construction of the Music Building project, and the construction of the wall is included as part of the construction work to be done by the general contractor. However, in order for the Authority to construct the wall, it is necessary for the University to acquire title to the strip of land upon which the work is to be done, and transfer jurisdiction thereof to the Authority when the remainder of the site is transferred.

The University has been negotiating with the owners of this property who have agreed to enter into an agreement conveying the strip of land between the Music Building site and the commercial building to the University if the University will construct a brick facing and perform other improvements to that portion of the commercial building as outlined in the bid documents for the Music Building project.

Accordingly, the President of the University, with the concurrence of appropriate administrative officers, recommends that a Party Wall Agreement be entered into with the owners of the commercial complex as outlined above.

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

On motion of Mr. Grimes, the Board adjourned.

EARL W. PORTER  
*Secretary*

TIMOTHY W. SWAIN  
*President*

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

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**February 19, 1969**



The February meeting of The Board of Trustees of the University of Illinois was held in the Main Lounge of the Chicago Illini Union at the Medical Center campus in Chicago, Illinois, on Wednesday, February 19, 1969, beginning at 9:30 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, Mr. Kenney E. Williamson. Governor Richard B. Ogilvie, Mr. Ray Page, and Dr. James A. Weatherly were absent. Mr. Russell W. Steger, Trustee-elect, attended as a guest.

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



**RECOGNITION OF MR. KENNEY E. WILLIAMSON**

Mr. Swain, noting that the meeting was Mr. Williamson's last in his term as Trustee, moved adoption of the following resolution to express the Board's respect and appreciation.

**To KENNEY E. WILLIAMSON**

The Board of Trustees of the University of Illinois hereby records your twenty years of service as a member of this Board and gratefully expresses its appreciation for your vigorous and competent leadership as its President for the five years from 1949 to 1951 and from 1959 to 1962.

During your years of service on the Board, you have served effectively as a member of nearly every standing committee. Special recognition is due your contribution to the work of the Finance Committee on which you served for ten years, nine years as Chairman, the Committee on Buildings and Grounds on which you served for ten years, three years as Chairman, the Committees on General Policy and on Patents on which you served for eight years, and the Committee on Athletic Activities on which you served for seven years, two years as Chairman. Your long experience in business and your background as a chartered life underwriter have enabled you to make an outstanding contribution as a representative, for nineteen years, of this Board on the Board of Trustees of the State Universities Retirement System of Illinois. In addition to your service on the Board of Directors of the University of Illinois Foundation during your tenure as President of this Board, you represented the President in that capacity from 1963 to 1967, and are presently serving as an elected Director of that Board.

The President and other administrative officers of the University wish to join with the Board of Trustees in this tribute to you and in extending best wishes to you and Mrs. Williamson.

The Board of Trustees directs that this resolution be incorporated in the minutes of today's meeting to become a part of the official public record, and that a suitable copy be given you as a permanent reminder of the esteem and affection in which you are held.

The resolution was adopted by a standing vote.

**REPORT, BUDGET ANALYSIS RELATED TO GOVERNOR'S SPECIAL MESSAGE ON FISCAL MATTERS**

President Henry summarized the general import of the Governor's message expressing his understanding that the Governor does not wish to have major programs interrupted, especially activities related to health programs and to enrollments. He stated that officers have been in close contact with the Governor's Office, and the University's interest in cooperating in any way possible has been conveyed to the Governor. Officers and faculty have been alerted to exercise unusual surveillance of recommendations for expenditures, especially within the period to June 30, 1969. Opportunities for cooperation may be achieved by delaying some expenditures until the next fiscal year and/or in actual savings, to curtail the rate of expenditures. President Henry reported that the University expects to receive later some guidelines from the Office of the Governor and will be better able to identify specific areas for co-operation.

Formal discussions are being pursued with regard to capital expenditures. It is the University's understanding that contracts executed before the message are expected to be honored. Pending projects require further discussion and status reports will be forthcoming later.

He advised the Trustees that as various agenda items were reached during the meeting, the staff would be asked to comment and suggest appropriate action.

**BUDGET FOR 1969 SUMMER QUARTER AND FACULTY  
APPOINTMENTS, CHICAGO CIRCLE**

(1) Submitted herewith are the budget and appointments to the faculty for the 1969 Summer Quarter at Chicago Circle from June 23 through September 6, 1969.

The total budget is for salaries in the amount of \$926,500.

The salaries recommended are computed on the basis of one-third of the salary of the academic year for a full quarter of service, with proportionate amounts for shorter periods or for part-time service.

I recommend that these appointments to the summer quarter staff at Chicago Circle be approved as submitted, and that the President of the University be authorized to accept resignations and make such changes and adjustments and additional appointments as are necessary in accordance with the needs of the University within the allocations of funds indicated.

On motion of Mr. Williamson, these appointments and the summer quarter budget for 1969 for Chicago Circle were approved, and authority was given as requested; this action was taken by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Pogue, Mr. Swain, Mr. Williamson; no, none; absent, Governor Ogilvie, Mr. Page, Dr. Weatherly.

<b>Chancellor's Office</b>		<i>Per Cent Time</i>	<i>Proposed Amount</i>
1. Salaries unassigned.....			\$ 2 487 (2 487)
<b>College of Business Administration</b>			
<b>Accounting Area</b>			
1. Samuel Fox, Professor.....	50		\$ 2 500
2. Alfonse T. Malinosky, Professor.....	100		5 000
3. Albert J. Schneider, Professor.....	50		2 834
4. Vernon Tam Siu Kam, Assistant Professor.....	100		3 834
5. Edward T. Ossman, Assistant Professor.....	100		4 334 (18 502)
<b>Economics and Finance Area</b>			
1. Raymond L. Richman, Professor and Coordinator.....	33		\$ 2 445
2. William W. Tongue, Professor.....	100		7 167
3. Richard F. Kosobud, Associate Professor.....	100		5 334
4. Samuel R. Reid, Associate Professor.....	100		5 500
5. Ronald P. Moses, Assistant Professor.....	100		3 600
6. Allen L. Sinai, Assistant Professor.....	50		1 967
7. David George Tuerck, Assistant Professor.....	100		4 334 (30 347)
<b>Management Area</b>			
1. Raymond W. Coleman, Professor.....	63		\$ 4 250
2. Robert W. French, Professor.....	100		Y
3. Hale C. Bartlett, Associate Professor.....	33		1 589
4. Bernard H. Baum, Associate Professor.....	50		3 117
(See also Sociology)			
5. William J. Dunne, Associate Professor.....	50		2 450
6. Ronald E. Jablonski, Associate Professor.....	100		5 000 (16 406)
<b>Marketing Area</b>			
1. Carl M. Larson, Associate Professor.....	83		\$ 3 889
2. Laurence P. Feldman, Assistant Professor.....	100		4 417
3. Alvin D. Star, Lecturer.....	50		2 217 (10 523)
<b>Quantitative Methods Area</b>			
1. Leonard Kent, Professor.....	83		\$ 5 278
2. Brian Gluss, Associate Professor.....	50		3 000
3. Lalitha P. Sanathanan, Assistant Professor.....	100		3 334 (11 612)

	<i>Per Cent Time</i>	<i>Proposed Amount</i>
<b>Administration</b>		
1. Salaries unassigned.....		\$ 2 610 (2 610)

**College of Education and School of Physical Education****Education**

1. Robert M. Crane, Professor.....	100	Y
2. Victor E. Ricks, Professor.....	100	Y
3. Staff, Professor .....	100	\$ 3 657
4. _____, Associate Professor.....	100	4 334
5. Elizabeth C. Porch, Associate Professor.....	100	4 167
6. Madelaine Shalabi, Associate Professor.....	100	3 900
7. _____, Assistant Professor.....	50	1 834
8. Charles E. Mader, Assistant Professor.....	16.7	Y
9. _____, Assistant Professor.....	50	1 959
10. Charles Tesconi, Assistant Professor.....	33	1 212
11. .67 FTE Assistants.....	67	1 900
12. Salaries unassigned.....	300	10 000 (32 963)

**Physical Education**

1. Dorothy Gillanders, Professor.....	33	\$ 1 589
2. Leo L. Gedvilas, Associate Professor.....	50	2 334
3. Helen M. Heitmann, Associate Professor.....	50	2 300
4. Charles Kristufek, Associate Professor.....	50	2 167
5. Benedict Montcalm, Associate Professor.....	100	3 600
6. Robert J. Beck, Assistant Professor.....	50	1 334
7. William J. Penny, Assistant Professor.....	50	1 667
8. 2.00 FTE Assistants.....	200	5 000 (19 991)

**Administration**

1. Salaries unassigned.....	\$ 796 (796)
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**College of Engineering****Energy Engineering**

1. James P. Hartnett, Professor and Head.....	33	\$ 2 667
2. _____, Associate Professor.....	50	2 209
3. _____, Associate Professor.....	50	2 534
4. _____, Assistant Professor.....	50	1 934
5. _____, Associate Professor.....	50	2 000 (11 344)

**Information Engineering**

1. Herbert J. Stein, Associate Professor and Acting Head....	100	\$ 5 267
2. Kurt Burian, Associate Professor.....	100	4 784
3. Ping-Chien Chuang, Assistant Professor.....	50	1 750
4. Howard Prosser, Assistant Professor.....	50	1 667
5. Stephen Tsai, Assistant Professor.....	100	3 500
6. George L. Brown, Instructor.....	100	2 984
7. John D. Ferguson, Assistant Professor.....	50	1 650
8. Gerald A. Masek, Instructor.....	50	1 750 (23 352)

**Materials Engineering**

1. Ernest F. Masur, Professor and Head.....	50	\$ 3 700
2. _____, Professor.....	50	3 000
3. Robert F. Domagala, Associate Professor.....	50	2 400
4. Ted. B. Belytschko, Assistant Professor.....	100	3 667
5. Tom M. Mulcahy, Assistant Professor.....	100	3 700
6. _____, Assistant Professor.....	100	3 667
7. Donald G. Lemke, Lecturer.....	100	4 334 (24 468)

**Systems Engineering**

1. _____, Associate Professor and Acting Head.....	50	\$ 2 500
2. Samuel E. Shapiro, Professor.....	50	2 500

	<i>Per Cent Time</i>	<i>Proposed Amount</i>
3. _____, Associate Professor.....	50	2 334
4. Francis A. Mosillo, Assistant Professor.....	50	1 600
		(8 934)

**College of Architecture and Art****Architecture**

1. Donald D. Hanson, Professor and Head.....	100	\$ 7 666
2. Henry L. Mikolajczyk, Professor.....	100	5 333
3. Robert W. Gerstner, Associate Professor.....	100	4 400
4. T. Robert Jaeger, Associate Professor.....	82	3 553
5. _____, ..... ..	100	4 333
6. Graeme M. Morland, Assistant Professor.....	100	3 500
7. Elliott E. Dudnik, Lecturer.....	50	1 500
8. Salaries unassigned—1.83 FTE.....		8 000
		(38 285)

**Art**

1. Simon D. Steiner, Professor and Chairman.....	50	\$ 2 666
2. Robert W. Nickle, Professor.....	50	2 333
3. John F. Richardson, Professor.....	100	4 666
4. Tadao Takano, Assistant Professor.....	50	1 880
5. William S. Becker, Instructor.....	100	2 000
6. Michael J. Elliston, Instructor.....	87	2 350
7. Hans K. Schaal, Instructor.....	66	1 800
8. _____, Instructor .....	87	1 960
9. Robert W. Stiegler, Instructor.....	50	1 400
		(21 055)

**History of Architecture and Art**

1. John D. McNee, Professor and Acting Chairman.....	83	\$ 4 500
2. H. Frederick Koeper, Associate Professor.....	100	5 067
3. Richard G. Arms, Instructor.....	100	3 333
4. Darrel L. Sewell, Instructor.....	100	3 000
		(15 900)

**College of Liberal Arts and Sciences****Administration of Criminal Justice Curriculum**

1. Arthur J. Bilek, Associate Professor and Director.....	100	\$ 6 334
2. Stephen A. Schiller, Assistant Professor.....	100	4 334
		(10 668)

**Anthropology**

1. Charles A. Reed, Professor and Head.....	33	\$ 1 778
2. Robert Hall, Associate Professor.....	100	5 167
3. Merwyn S. Garbarino, Assistant Professor.....	100	3 500
4. Staff .....	50	1 667
		(12 112)

**Biological Sciences**

1. John O. Corliss, Professor and Head.....	50	\$ 3 534
2. Bernard Greenberg, Professor.....	50	2 800
3. Theodore J. Starr, Professor.....	100	6 000
4. Donald Eggert, Associate Professor.....	50	2 250
5. Elmer B. Hadley, Associate Professor.....	100	4 467
6. Donald A. Levin, Associate Professor.....	50	2 134
7. Thomas N. Taylor, Associate Professor.....	50	2 200
8. Darrel L. Murray, Assistant Professor.....	100	4 300
9. _____, Assistant Professor.....	100	3 334
10. _____, Instructor .....	100	2 934
11. 3.50 Assistants .....	350	5 835
		(39 788)

**Chemistry**

1. William F. Sager, Professor and Head.....	50	\$ 3 750
2. Bernard J. Babler, Professor.....	50	2 884

	<i>Per Cent Time</i>	<i>Proposed Amount</i>
3. Charles K. Hunt, Professor.....	75	3 525
4. J. Victor Mansfield, Associate Professor.....	100	3 500
5. Anatol Gottlieb, Assistant Professor.....	100	3 400
6. Rosalind Klaas, Assistant Professor.....	100	3 267
7. Yecheskel Rasiel, Assistant Professor.....	100	3 734
8. G. I. Sackheim, Assistant Professor.....	100	3 534
9. Robert F. Zahrobsky, Assistant Professor.....	100	3 300
10. John W. Cowin, Instructor.....	100	3 417
11. Ralph E. Meints, Instructor.....	75	1 825
12. Clarence J. Perry, Instructor.....	100	2 967
13. 6.00 FTE Assistants.....	600	12 470
		(51 573)

**English**

1. ———, Professor.....	50	\$ 2 317
2. Bernard R. Kogan, Professor.....	50	2 417
3. Edwin B. Levine, Professor.....	50	2 300
4. Louis Marder, Professor.....	50	2 875
5. Harry J. Runyan, Professor.....	50	2 334
6. Samuel A. Weiss, Professor.....	50	2 334
7. Martin L. Wine, Professor.....	50	2 500
8. Elizabeth V. Wright, Professor.....	50	2 317
9. Guinevere L. Griest, Associate Professor.....	67	2 623
10. John C. Johnson, Associate Professor.....	50	2 192
11. John H. Mackin, Jr., Associate Professor.....	67	2 823
12. John B. Shipley, Associate Professor.....	67	2 912
13. Maurita F. Willett, Associate Professor.....	67	2 400
14. Sylvan Ronald Weiner, Associate Professor.....	33	1 389
15. Elizabeth R. Gebhard, Assistant Professor.....	67	2 067
16. Robert W. Gladish, Assistant Professor.....	67	2 200
17. Hymen H. Hart, Assistant Professor.....	67	2 112
18. Howard Kerr, Assistant Professor.....	67	2 045
19. David Lenfest, Assistant Professor.....	67	2 134
20. Vincent Louthan, Assistant Professor.....	67	2 045
21. Willie N. Love, Assistant Professor.....	67	2 267
22. Adam Makkai, Assistant Professor.....	67	2 600
23. Ronald J. McCaig, Assistant Professor.....	67	2 000
24. Irving M. Miller, Assistant Professor.....	67	2 134
25. ———, Assistant Professor.....	67	2 156
26. Margaret H. Oleksy, Assistant Professor.....	67	2 200
27. Ted-Larry Pebworth, Assistant Professor.....	67	2 245
28. Catherine Shaw, Assistant Professor.....	67	2 089
29. Michael Anania, Instructor.....	67	2 112
30. Preston Browning, Instructor.....	67	2 000
31. Nancy R. Cirillo, Instructor.....	67	1 912
32. Sarah Cohen, Instructor.....	67	1 800
33. Francis G. Cox, Instructor.....	67	1 956
34. Bertram Enos, Instructor.....	67	1 556
35. Arthur L. Greenwald, Instructor.....	67	1 734
36. ———, Assistant Professor.....	67	2 112
37. Phyllis B. Katz, Instructor.....	67	1 784
38. Narvel L. Lane, Instructor.....	67	1 956
39. John H. Lopach, Instructor.....	67	1 956
40. James L. Lucas, Instructor.....	33	1 000
41. Thomas P. Mandel, Instructor.....	33	778
42. Sondra Rosenberg, Instructor.....	67	1 823
43. Florence Sandler, Assistant Professor.....	67	2 134
44. Constantine Santas, Instructor.....	67	1 778
45. Mary C. Sidney, Instructor.....	67	1 912
46. Judith I. Weintraub, Instructor.....	67	1 889

	<i>Per Cent Time</i>	<i>Proposed Amount</i>
47. Eugene Wildman, Instructor.....	67	1 889
48. 3.67 FTE Assistants.....	367	6 111
		(104 219)

**French**

1. Byron R. Libhart, Assistant Professor and Acting Head.....	100	\$ 3 234
2. Raymond M. Archer, Instructor.....	67	2 000
3. Dorothy G. Barber, Instructor.....	67	1 756
4. Douglas E. Johnson, Instructor.....	100	2 634
		(9 624)

**Geography**

1. Alden D. Cutshall, Professor and Head.....	100	\$ 5 934
2. Mildred I. Finney, Associate Professor.....	100	4 050
3. James S. Fisher, Assistant Professor.....	100	3 967
4. Kenneth C. Reinhart, Instructor.....	45	930
5. Walter F. Wacht, Instructor.....	75	2 125
		(17 006)

**Geological Sciences**

1. Werner H. Baur, Professor and Head.....	33	\$ 2 078
2. Robert E. DeMar, Associate Professor.....	50	2 150
3. Helen M. McCammon, Visiting Associate Professor.....	100	3 600
4. Norman D. Smith, Assistant Professor.....	50	1 584
		(9 412)

**German**

1. Robert R. Heitner, Professor and Head.....	33	\$ 2 578
2. Robert Kauf, Professor.....	50	2 467
3. Arnold J. Hartoch, Associate Professor.....	50	2 234
4. Ernest S. Willner, Associate Professor.....	67	2 556
5. Dean W. Faulwell, Instructor.....	33	1 012
6. Thomas M. Pool, Instructor.....	33	800
7. _____, Instructor.....	33	689
8. David M. Weible, Instructor.....	33	911
9. _____, Instructor.....	33	689
10. .67 FTE Assistants.....	67	1 112
		(15 048)

**History**

1. Robert V. Remini, Professor and Chairman.....	67	\$ 5 156
2. Peter d'A. Jones, Professor.....	100	6 667
3. Margaret Y. George, Associate Professor.....	100	3 667
4. Bentley Gilbert, Associate Professor.....	100	5 334
5. Richard Millman, Associate Professor.....	100	4 634
6. William Cohen, Visiting Assistant Professor.....	50	1 500
7. William Hoisington, Assistant Professor.....	100	3 334
8. George Huppert, Assistant Professor.....	100	4 100
9. Ronald Legon, Assistant Professor.....	100	4 034
10. Peter McKeon, Assistant Professor.....	100	3 234
11. Karl A. Schleunes, Assistant Professor.....	100	3 667
12. Peter Carroll, Instructor.....	100	3 167
13. 4.00 FTE Assistants.....	400	6 666
		(55 160)

**Mathematics**

1. Joseph Landin, Professor and Head.....	70	\$ 5 414
2. Herbert J. Curtis, Professor.....	70	3 827
3. Flora Dinkines, Professor.....	100	4 400
4. Irwin K. Feinstein, Professor.....	100	5 084
5. Louis L. Pennisi, Professor.....	100	5 084
6. David A. Foulser, Associate Professor.....	100	4 200
7. Shmuel Kantorovitz, Associate Professor.....	100	5 234
8. James W. Moeller, Associate Professor.....	100	4 400

	<i>Per Cent Time</i>	<i>Proposed Amount</i>
9. Kenneth H. Murphy, Associate Professor.....	100	3 800
10. _____, Associate Professor.....	100	5 000
11. Neil Berger, Assistant Professor.....	83	2 777
12. James A. Donaldson, Assistant Professor.....	83	2 878
13. Louis I. Gordon, Assistant Professor.....	100	3 334
14. Morton E. Harris, Assistant Professor.....	100	3 800
15. Roger G. Hill, Assistant Professor.....	100	3 367
16. William Kantor, Assistant Professor.....	83	2 905
17. Jeff E. Lewis, Assistant Professor.....	100	3 467
18. Raman N. Pillai, Assistant Professor.....	83	2 629
19. Yao-Chun Rickert, Assistant Professor.....	100	3 167
20. Yoram Sagher, Assistant Professor.....	100	3 400
21. David M. Segal, Assistant Professor.....	100	3 267
22. _____, Assistant Professor.....	83	2 767
23. Alexander P. Stone, Assistant Professor.....	83	3 129
24. Alexander Zabrodsky, Assistant Professor.....	100	3 434
25. _____, Visiting Lecturer.....	33	825
26. Winifred Berglund, Instructor.....	100	3 000
27. _____, Instructor.....	50	1 667
28. Kathleen M. Hotton, Instructor.....	50	1 417
29. Laurence Sjoblom, Instructor.....	100	3 067
30. 4.75 FTE Assistants.....	475	7 875
31. .875 FTE Assistants.....	.875	1 555
		(110 170)

**Music**

1. _____, Instructor and Acting Head.....	67	\$ 2 556
2. William M. Kaplan, Assistant Professor.....	67	2 267
3. Maxine E. Mandell, Instructor.....	33	723
		(5 546)

**Philosophy**

1. George Dickie, Professor and Acting Chairman.....	50	\$ 2 984
2. Arnold Levison, Associate Professor.....	100	4 734
3. _____, Assistant Professor.....	100	3 767
4. Rudolf Grewe, Assistant Professor.....	100	3 900
5. Visiting Assistant Professor.....	100	3 500
6. Robert Page, Instructor.....	50	1 317
7. Arthur Weintraub, Instructor.....	100	3 400
8. 1.50 FTE Assistants.....	150	2 700
		(26 302)

**Physics**

1. S. Sundaram, Professor and Head.....	100	\$ 7 467
2. Seymour Bernstein, Professor.....	50	3 650
3. _____, Associate Professor.....	67	3 023
4. John N. Pappademos, Associate Professor.....	100	4 334
5. David S. Schreiber, Associate Professor.....	50	2 500
6. Harold M. Skadeland, Associate Professor.....	50	2 434
7. Stanley Aks, Assistant Professor.....	100	4 034
8. Richard A. Carhart, Assistant Professor.....	100	3 867
9. _____, Assistant Professor.....	100	3 734
10. _____, Assistant Professor.....	100	3 967
		(39 010)

**Political Science**

1. Hollis W. Barber, Professor and Head.....	100	\$ 6 334
2. Byung Chul Koh, Associate Professor.....	100	3 867
3. Frank Tachau, Associate Professor.....	100	4 500
4. Peter R. Knauss, Assistant Professor.....	100	3 400
5. W. Wayne Shannon, Assistant Professor.....	50	2 167
6. George I. Balch, Instructor.....	100	3 167
7. Roosevelt Ferguson, Instructor.....	100	3 000
		(26 435)

	<i>Per Cent Time</i>	<i>Proposed Amount</i>
<b>Psychology</b>		
1. Harry S. Upshaw, Professor and Acting Head.....	33	\$ 1 912
2. _____, Professor .....	67	4 223
3. I. E. Farber, Professor .....	67	4 889
4. _____, Associate Professor.....	83	3 182
5. Visiting Associate Professor.....	50	2 500
6. Philip E. Freedman, Assistant Professor.....	67	2 556
7. Howard Gadlin, Assistant Professor.....	67	2 556
8. Charles L. Gruder, Assistant Professor.....	67	2 223
9. Alexander J. Rosen, Assistant Professor.....	67	2 578
10. 2.00 FTE Assistants.....	200	3 400
		(30 019)
<b>Slavic Languages and Literatures</b>		
1. Nicholas Moravcevic, Associate Professor and Head.....	83	\$ 4 167
2. Wilma Hoffmann, Assistant Professor.....	67	2 334
		(6 501)
<b>Sociology</b>		
1. Robert L. Hall, Professor and Head.....	50	\$ 3 334
2. _____, Professor .....	50	3 250
3. Bernard H. Baum, Associate Professor.....	50	3 117
(See also Business Administration, Management Area)		
4. Roger W. Little, Associate Professor.....	100	4 634
5. John W. Martin, Assistant Professor.....	100	3 900
6. Butler P. Crittenden, Instructor.....	100	3 334
7. _____, Instructor .....	50	1 667
8. 2.50 FTE Assistants.....	250	2 700
		(25 933)
<b>Spanish</b>		
1. James D. Compton, Assistant Professor and Acting Head...	33	\$ 1 356
2. _____, Assistant Professor.....	100	3 334
3. Jerry R. Rank, Assistant Professor.....	67	2 289
4. M. Blanco-Gonzalez, Instructor.....	100	2 834
5. Judith A. Chandran, Instructor.....	67	1 689
6. Shirley A. Krull, Instructor.....	100	2 834
7. _____, Instructor .....	100	2 734
		(17 070)
<b>Speech and Theatre</b>		
1. Donald H. Dickinson, Professor.....	100	\$ 5 067
2. Chester C. Long, Associate Professor.....	100	4 800
3. Conde R. Hoskins, Assistant Professor.....	100	3 134
4. Beverly L. Lusty, Assistant Professor.....	100	3 500
5. John A. Jones, Instructor.....	100	2 867
		(19 368)
<b>Administration</b>		
1. Salaries unassigned.....	50	\$ 1 636
		(1 636)
<b>Jane Addams Graduate School of Social Work</b>		
1. Jennette R. Gruener, Professor.....	50	\$ 2 867
2. Kenneth Krause, Assistant Professor.....	35	1 458
		(4 325)

#### AWARD OF CERTIFIED PUBLIC ACCOUNTANT CERTIFICATES

(2) 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>Names</i>	<i>Addresses</i>	<i>States from Which They Obtained Certificates</i>
SAMUEL RAY BIGGS	Downers Grove, Illinois	Nebraska
HAROLD HARMAN HOLDER	Davenport, Iowa	Pennsylvania
GARY ALLEN MITCHELL	Ferguson, Missouri	Missouri
DARREL ERNEST PULS	Elmhurst, Illinois	Nebraska
THOMAS JAMES SMITH	Indianapolis, Indiana	Ohio

I concur.

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

#### **AMENDMENTS OF REGULATIONS GOVERNING THE CERTIFICATE OF CERTIFIED PUBLIC ACCOUNTANT**

(3) The Committee on Accountancy has recommended changes in Rule 13 (complete revision) and Rule 16 (partial revision) in the University's regulations adopted by the Board of Trustees for administering the Illinois Accountancy Law, as follows:

##### *Rule 13. Scope*

The examination shall be in the following four subjects: Accounting Practice, Auditing, Theory of Accounts, and Commercial Law.

##### *Rule 16. Grading Scale Including the Condition*

\* \* \*

A candidate under Section 2 of the Act may acquire a condition in the subject or subjects failed if he:

- (a) Passes any two subjects or Accounting Practice only; and
- (b) Obtains a grade of not less than 50 in each subject failed.

\* \* \*

The fee for each re-examination shall be \$15 for each half-day session which the candidate is required to write.

The foregoing changes shall be effective immediately and shall be applicable to all future examinations and re-examinations.

I concur.

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

#### **COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION ADVISORY COMMITTEE, URBANA**

(4) The Dean of the College of Commerce and Business Administration recommends the following appointments to the Advisory Committee for the College for the terms indicated:

##### *Four-year terms ending August 31, 1972*

ROBERT E. BARMEIER, Director, Personnel Planning and Research Division, Sears, Roebuck and Co., Chicago

ROBERT O. BASS, Executive Vice President, Borg-Warner Corporation, Chicago

WALLACE B. BEHNKE, Assistant to the President, Commonwealth Edison Company, Chicago

ROBERT W. BOOTH, General Attorney, International Harvester Company, Chicago

REXFORD E. BRUNO, Vice President—Finance, United Air Lines, Inc., Chicago

GEORGE V. CARRACIO, General Partner, Arthur Young and Company, Chicago

GEORGE R. CATLETT, Partner, Arthur Andersen & Company, Chicago

WESTON R. CHRISTOPHERSON, President, Osco Drug, Inc., Franklin Park

RAY C. DICKERSON, Director, Department of Business and Economic Development, Springfield

IVAN E. ETHINGTON, Vice President—Operating Department, Chicago, Burlington & Quincy Railroad Co., Chicago

R. NEAL FULK, Partner, Ernst & Ernst, Chicago

RICHARD B. GIBBS, Vice President, Bert L. Fitzgerald and Son, Inc., Kankakee

RUSSELL C. GIBSON, President, J. L. Clark Manufacturing Co., Rockford

LLOYD A. GIESSEL, President, Burgess Cellulose Company, Freeport  
 LAWRENCE GOUGLER, Vice President and Secretary, The Northern Trust Company, Chicago  
 VIRGIL V. GRANT, Vice President, Caterpillar Tractor Co., Peoria  
 WILLIAM S. HATTEN, Vice President — Administration, Warner Electric Brake and Clutch Co., Beloit, Wisconsin  
 RAYMOND A. HOFFMAN, Partner, Price Waterhouse & Co., Chicago  
 ROBERT C. HUMPHREY, President, State National Bank, Evanston  
 EARL J. IMHOFF, Vice President, Swift & Company, Chicago  
 WILLIAM G. KARNES, President, Beatrice Foods Company, Chicago  
 JOHN C. KRIEGSMAN, Vice President, Kriegsmann Transfer Co., Pekin  
 ORMOND F. LYMAN, Director of Business Relations, College of Commerce and Business Administration  
 L. CHESTER MAY, Vice President — Finance, Standard Oil Company (Indiana), Chicago  
 DONALD C. MILLER, Vice President, Continental Illinois National Bank and Trust Company of Chicago, Chicago  
 LESTER T. MOATE, Vice President, Amsted Industries, Inc., Chicago  
 WILLIAM F. MURRAY, President, Harris Trust and Savings Bank, Chicago  
 CLIFFORD L. PETERSON, Vice President of Finance, Deere & Company, Moline  
 KARL V. ROHLEN, President, Crane Packing Company, Morton Grove  
 HERBERT J. ROWE, President, The Muter Company, Bedford Park  
 SAMUEL WM. SAX, President, Exchange National Bank of Chicago, Chicago  
 ARTHUR E. SCHWERTFEGER, Partner in Charge, Chicago Office, Haskins & Sells, Chicago  
 DAVID G. SCOTT, Executive Vice President, CNA Financial Corporation, Chicago  
 ROBERT M. SHEHAN, Partner in Charge, Touche, Ross, Bailey & Smart, Chicago  
 BURNHAM P. SPANN, Vice President, Gardner-Denver Company, Quincy  
 LEO V. TINKHAM, Partner, Lybrand, Ross Bros. & Montgomery, Chicago  
 WILLIAM G. WHYTE, Vice President, United States Steel Corporation, Washington, D.C.

*Two-year terms ending August 31, 1970*

NORBERT F. ARMOUR, President, Carson Pirie Scott & Co., Chicago  
 JOHN H. ARMSTRONG, Vice President, A. T. Kearney & Co. Inc., Chicago  
 GALE B. AYDELOTT, President, The Denver & Rio Grande Western Railroad Co., Denver, Colorado  
 ROBERT E. BARD, President, The Seng Company, Chicago  
 K. E. BOWEN, President, Central Illinois Public Service Co., Springfield  
 WILLIAM B. BROWDER, Vice President — General Counsel — Secretary, Union Tank Car Company, Chicago  
 BOYD B. BROWNELL, Vice President, General Motors Corporation, General Manager, Electro-Motive Division, LaGrange  
 ROBERT J. BUROW, Publisher, The Commercial News, Danville  
 CLARENCE BURRELL, President, Tool Steel Products Sales Corp., Cincinnati, Ohio  
 CECIL R. CAMPBELL, Vice President, Walgreen Co., Chicago  
 THOMAS W. CHENEY, President, Modern Woodmen of America, Rock Island  
 WILLIARD B. CURTIS, Chairman of the Board, Barrett Hardware Company, Joliet  
 MILTON F. DARR, JR., Chairman of the Board, LaSalle National Bank, Chicago  
 W. M. ELMER, Chairman of the Board, Texas Gas Transmission Corporation, Owensboro, Kentucky  
 DONALD E. ERSKINE, Vice President and Controller, SCM Corporation, New York, New York  
 EDWARD S. FRASER, Vice President — Research, Chicago Bridge & Iron Company, Plainfield  
 ROBERT D. HEATH, Vice President — Sales, L. S. Heath & Sons, Inc., Robinson  
 ERNEST B. KELLY, JR., President and Chief Executive Officer, Halsey Stuart and Company, Inc., Chicago  
 HAL P. KIBBEY, President and Chief Executive Officer, Stanray Corporation, Chicago  
 MYRON D. KING, President, M. D. King Milling Co., Pittsfield  
 HENRY W. MEERS, Partner, White, Weld & Company, Chicago

DONALD E. NORDLUND, President, A. E. Staley Manufacturing Company, Decatur  
 WILLIAM K. PIERCE, C.L.U., Northwestern Mutual Life Insurance Co., Elgin  
 ELDEN P. PRIEBE, Vice President and Controller, Tenneco, Inc., Houston, Texas  
 LOUIS RATZESBERGER, JR., Los Gatos, California  
 WILLIAM C. ROWLAND, President, General Telephone Company of Illinois, Bloomington  
 FREDERICK A. SCHNELL, Senior Vice President in Charge of Western Operations, Prudential Insurance Company of America, Los Angeles, California  
 DONALD H. SHARP, Vice President and General Counsel, Illinois Bell Telephone Company, Chicago  
 R. A. STIPES, JR., President, Stipes Publishing Company, Champaign  
 JOHN H. THOMAS, JR., President, Owens-Corning Fiberglas Corp., Toledo, Ohio  
 JAMES F. TOWEY, Vice President and General Manager, Brass Division, Olin Mathieson Chemical Corporation, East Alton  
 OLIVER W. TUTHILL, Vice President and Comptroller, Illinois Bell Telephone Company, Chicago  
 KARL R. VAN TASSEL, President, A. B. Dick Company, Chicago  
 FRANK VORIS, Chairman of the Board, Merchants National Bank of Aurora, Aurora  
 ROBERT E. ZELL, Executive Vice President, Wyman-Gordon Company, Harvey  
 I concur.

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

#### COLLEGE OF PHYSICAL EDUCATION ADVISORY COMMITTEE. URBANA

(5) The Dean of the College of Physical Education at Urbana recommends the following appointments to the Advisory Committee for the College:

BRUCE W. FERGUSON, Assistant Professor and Supervising Teacher of Physical Education, Northern Illinois University—term to expire June 30, 1970. (Mr. Ferguson will replace Mr. R. J. Hildreth who has asked to be relieved of this appointment.)

CHARLES KIRCHNER, Chief, Division of Local and Regional Planning, Illinois Department of Business and Economic Development—term to expire June 30, 1971. (Mr. Kirchner will replace Mr. Harold Judy whose term expired June 30, 1968.)

I concur.

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

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

(6) The Chancellor at the Medical Center has recommended to me the appointment of Dr. August P. Lemberger, presently Professor of Pharmacy, University of Wisconsin, as Professor of Pharmacy on indefinite tenure and Dean of the College of Pharmacy at the Medical Center, beginning September 1, 1969, at an annual salary of \$28,000 on a twelve-month service basis.

The appointment of Dr. Lemberger will fill the vacancy which will be created by the retirement of Dean George L. Webster at the end of the current academic year.

This recommendation is based upon a report from a faculty consultative committee<sup>1</sup> and follows consultation with the Executive Committee of the College of Pharmacy.

The Executive Vice President and Provost and the Acting Dean of the Graduate College at the Medical Center endorse this recommendation.

I concur.

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

#### HEADSHIP OF THE DEPARTMENT OF SOCIOLOGY, URBANA

(7) The Dean of the College of Liberal Arts and Sciences, Urbana, recommends

<sup>1</sup>Charles L. Bell, Associate Professor of Chemistry, *Chairman*; Herbert S. Carlin, Associate Professor and Director of Hospital Pharmacy; Donald J. Caseley, Medical Director of Research and Educational Hospitals; Frank A. Crane, Associate Professor of Pharmacognosy and Pharmacology; Dean B. Doner, Dean of the College of Liberal Arts and Sciences at Chicago Circle; Ernst R. Kirch, Professor of Chemistry; Ralph W. Morris, Associate Professor of Pharmacology; Mary K. Mullane, Dean of College of Nursing; Daniel A. Nona, Assistant Professor of Pharmacy.

the appointment of Professor Rita J. Simon, presently Professor of Sociology and Research Professor of Communications, as Head of the Department of Sociology beginning with the second semester of 1968-69 on a nine-month service basis, at an annual salary of \$17,600.

Professor Simon will continue to hold the rank of Professor on indefinite tenure.

Professor Simon will succeed Professor Daniel Glaser who resigned as of September 1, 1968. Professor J. E. Hulett, Jr. has been serving as Acting Head.

The nomination of Professor Simon was made with the advice of a search committee<sup>1</sup> and is supported by the Executive Committee of the College, the Executive Vice President and Provost, the Chancellor at Urbana, and the Dean of the Graduate College at Urbana.

I concur.

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

#### HEADSHIP OF THE DEPARTMENT OF ZOOLOGY, URBANA

(8) The Dean of the College of Liberal Arts and Sciences, Urbana, recommends the appointment of Professor Robert L. Metcalf, presently Professor of Entomology, as Professor of Entomology and of Zoology on indefinite tenure and Head of the Department of Zoology beginning with the second semester of 1968-69 on a nine-month service basis, at an annual salary of \$29,000.

This appointment is to succeed Professor Paul H. Silverman who asked to be relieved of this administrative assignment as of August 31, 1968. Professor David L. Nanney has been serving as Acting Head.

The nomination of Professor Metcalf was made with the advice of a search committee<sup>2</sup> and is supported by the Executive Committee of the College, the Executive Vice President and Provost, the Chancellor at Urbana, and the Dean of the Graduate College at Urbana.

I concur.

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

#### APPOINTMENTS TO THE FACULTY AND SABBATICAL LEAVE OF ABSENCE

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

Positions in the University are classified in the following categories and are designated in the budget by the symbols indicated: A— indefinite tenure; P— indefinite term appointment for part-time service only; B— two years; D— one year; E— nine months from the beginning of the academic year; G— special tenure; Q— initial term appointment for Professor or Associate Professor; W— one-year appointment subject to special written agreement without commitment for an indefinite term appointment or for service credit in a probationary period; 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. ROBERT L. CRABB, Assistant Professor of Accounting, College of Business Administration, beginning January 1, 1969 (3), at an annual salary of \$12,000.
2. JAY A. LEVINE, Professor of English, beginning September 1, 1969 (A), at an annual salary of \$17,000.

<sup>1</sup> J. B. Casagrande, Professor of Anthropology and Director of Center for International Comparative Studies, *Chairman*; Bernard Farber, Professor of Sociology and in the Institute for Research on Exceptional Children; J. E. Hulett, Jr., Professor of Sociology and Acting Head of the Department; F. E. Fiedler, Professor of Psychology; N. K. Denzin, Assistant Professor of Sociology.

<sup>2</sup> G. W. Salisbury, Professor of Dairy Science and Head of the Department, *Chairman*; P. S. Dawson, Assistant Professor of Zoology and Acting Assistant Head of the Department; J. B. Kitzmiller, Professor of Zoology; D. L. Nanney, Professor of Zoology and Acting Head of the Department; George Sprugel, Jr., Chief, State Natural History Survey and Senior Staff Member, Center for Zoonoses Research.

3. JEANNE McRAE McARTHUR, Associate Professor of Education, on one-half time, for the academic year 1968-69 (D50), at a salary of \$6,625.

#### Medical Center

4. SALLY A. FOSTER, Assistant Professor of Medical Social Work, College of Medicine, beginning January 8, 1969 (1Y), at an annual salary of \$10,200.
5. RICHARD J. McCAULEY, Assistant Professor of Occupational Therapy, School of Associated Medical Sciences, beginning November 1, 1968 (1Y), at an annual salary of \$10,600.
6. RADOSLAVA PRIBYL, Assistant Professor of Physical Medicine and Rehabilitation, College of Medicine, on one-half time, beginning January 15, 1969 (DY50), at an annual salary of \$10,500.
7. MAURICE ZALCMAN, Assistant Professor of Fixed Partial Prosthodontics, College of Dentistry, on 40 per cent time, beginning January 15, 1969 (DY40), at an annual salary of \$4,300.

#### Urbana-Champaign

8. JAMES A. BENNETT, Assistant Professor of Aeronautical and Astronautical Engineering, beginning February 1, 1969 (1), at an annual salary of \$11,000.
9. CHARLES B. DUKE, Professor of Physics, beginning September 1, 1969 (A), at an annual salary of \$18,000.
10. ROBERT J. NELSON, Professor of French, beginning September 1, 1969 (A), at an annual salary of \$25,000.
11. C. PEREZ-MANZANO, Staff Physician, Health Service and McKinley Hospital, and Assistant Professor of Health Science, beginning February 15, 1969 (1Y), at an annual salary of \$18,100.

#### Visiting Staff

12. WILLIAM L. CAMPFIELD, Visiting Professor of Accountancy, Urbana, for the period from February 1, 1969, through June 15, 1969 (E), at a salary of \$9,500.
13. HY FISH, Visiting Professor of Labor and Industrial Relations, Urbana, on one-third time, for the second semester of 1968-69 (E33), at a salary of \$4,100.
14. GEORGE R. IRWIN, Visiting Professor of Theoretical and Applied Mechanics, Urbana, on 30 per cent time, for the period from February 1, 1969, through June 15, 1969 (E30), at a salary of \$3,000.
15. HUMBERTO R. MATURANA, Visiting Professor of Physiology, in the Departments of Physiology and Biophysics and Electrical Engineering, Urbana, on 48 per cent time, for the period from November 1, 1968, through May 31, 1969 (G48), at a salary of \$4,746.
16. A. D. MOORE, H. Earle Thompson Visiting Professor of Electrical Engineering, Urbana, for the period from February 9, 1969, through March 15, 1969 (G), at a salary of \$2,500.
17. FRANCIS RICHARD ROUTLEY, Visiting Professor of Philosophy, Chicago Circle, for the period from December 16, 1968, through March 15, 1969 (G), at a salary of \$6,700.
18. KLAUS SOMMER, Visiting Assistant Professor of Accountancy, Urbana, for the period from February 1, 1969, through June 15, 1969 (E), at a salary of \$6,250.

#### Sabbatical Leave of Absence 1968-69

- RUTH E. MCGUGAN, Assistant Professor of English, second semester of 1968-69, on one-half pay, to complete historical collation and continue collection and selection of materials for critical notes for the *I Henry VI* edition for the MLA Shakespeare Variorum Committee.

On motion of Mr. Hahn, these appointments and the sabbatical leave of absence were confirmed.

#### UNDERGRADUATE INSTRUCTIONAL AWARDS FOR THE SUMMER OF 1969

- (10) The program of Undergraduate Instructional Awards is proposed for continuation during the summer of 1969—to encourage faculty interest in improvement in the quality of undergraduate instruction. The awards provide a full-time salary

for two months (two-ninths of the academic year salary) plus required incidental expenses.

### Chicago Circle Campus

The Vice Chancellor and Dean of Faculties, through the deans and directors, invited faculty members to submit applications with complete descriptions of the work proposed. After approval by heads of departments and review by the deans of the colleges and their committees, twenty-one applications were submitted with priorities indicated. A special committee, chaired by the Associate Dean of Faculties, evaluated the proposals and recommended to the Vice Chancellor and Dean of Faculties that those programs judged to hold the most promise of benefit to undergraduate instruction be supported.

After review of the proposals, the Vice Chancellor and Dean of Faculties — with the concurrence of the Chancellor — recommends that full-time appointments for two months during the summer of 1969, at current salary rates, be authorized for the following faculty members (total of six involving four proposals). Expenses were requested in a few cases, but these will be covered by departmental funds.

	Salary
Roger L. Dominowski, Associate Professor of Psychology.....	\$ 2 556
Dale S. Herron, Assistant Professor of English.....	2 112
Charles A. Moore, Assistant Professor of Physical-Chemical Soil Engineering (Materials Engineering).....	2 234
Kenneth I. Perry, Assistant Professor of French.....	2 378
Daniel G. Harrington, Assistant Professor of German and Director of Language Laboratory.....	( <sup>1</sup> )
Violet E. Bergquist, Associate Professor of Spanish.....	3 067
	(\$12 347)

### Urbana-Champaign Campus

The Vice Chancellor for Academic Affairs invited faculty members to submit applications with complete descriptions of the work proposed. After approval by heads of departments and review by the deans of the colleges and their committees, twenty-nine applications were submitted. A special committee evaluated the proposals and recommended support for those which the committee believed to be most meritorious and to promise the greatest potential benefits to undergraduate instruction.

In the light of the review of the proposals, the Vice Chancellor for Academic Affairs recommends — with the Chancellor's concurrence — that full-time appointments for two months during the summer of 1969 at current salary rates be authorized for the following faculty members (total of thirteen individuals for eleven projects):

	Salary	Expenses
Lachlan F. Blair, Associate Professor of Urban Planning...	\$ 3 612	\$ 1 600
Mohamed I. Dessouky, Visiting Associate Professor of Industrial Engineering .....	2 889	500
James A. Gentry, Assistant Professor of Finance.....	2 800	250
Gilbert P. Haight, Jr., Professor of Chemistry.....	4 756	5 268
Samuel Kaplan, Assistant Professor of Microbiology.....	2 912	2 767
George H. Kieffer, Assistant Professor of Zoology and in Life Sciences .....	2 600	6 142
Frederick V. Lawrence, Assistant Professor of Civil and Metallurgical Engineering .....	2 223	500
M. Eugene Moyer, Assistant Professor of Economics, on one-half time .....	( <sup>1</sup> )	
Donald W. Paden, Professor of Economics, on one-half time	2 023	2 700
M. Keith Myers, Associate Professor of French and in Co-ordinated Language Laboratory.....	2 823	
Stanley Shinall, Assistant Professor of French and Counselor in Teacher Education.....	2 468	2 993
Richard T. Scanlan, Associate Professor of Classics and of		

<sup>1</sup> Without additional salary since presently on year-round service.

Secondary and Continuing Education in University High School.....			( <sup>1</sup> )	2 780
Nicholas Temperley, Associate Professor of Music.....			2 889	667
			(\$31 995)	(\$26 167)
			\$44 342	\$26 167

Final reports will be submitted by the awardees following the end of the summer term. Based upon an evaluation of the accomplishments under these grants, and if outside funds again become available, Special Awards of \$1,000 would be made to the individual(s) for each of the completed projects judged to be the most outstanding in terms of probable contribution to undergraduate education. (For the projects completed during the summer of 1968, six Special Awards were made.)

The Executive Vice President and Provost endorses these recommendations and further recommends that funds for these awards and associated expenses be assigned from the General Reserve at the respective campuses.

I concur.

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

#### **ESTABLISHMENT OF MAJORS IN ENGINEERING, CHICAGO CIRCLE**

(11) The Chicago Circle Senate has approved a proposal from the College of Engineering for the establishment of major fields of concentration in industrial engineering, transportation systems engineering, and urban systems engineering as parts of the engineering curriculum, leading to the degree of Bachelor of Science in Engineering.

The programs, in common with previously approved curricula for the Bachelor of Science degree in Engineering at Chicago Circle, will consist of a common core curriculum of 111 quarter hours; 35-36 hours in the major field; and humanities-social sciences and elective courses for a total of 198 quarter hours exclusive of physical education and basic military science.

The Chancellor at Chicago Circle has recommended to me that the proposal be approved and the Executive Vice President and Provost concurs.

The Senate Coordinating Council has indicated that no further 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.

#### **MAJOR IN SLAVIC LANGUAGES, CHICAGO CIRCLE**

(12) The Chicago Circle Senate has approved the establishment of a major in Slavic languages leading to the degree of Bachelor of Arts.

The development of this curriculum is a response to the increasing interest in Russian and other Slavic languages. In recent months, inquiries received from local high schools and individuals indicate the probability of substantially increased enrollments in this field in the near future. Offerings in Russian at the lower level have for some time been staffed and administered through the Department of German.

A Department of Slavic Languages was authorized by the Board of Trustees in February, 1966, subject to further action by the Board of Higher Education. Under this authorization, a department head was sought to plan and coordinate the curricular development upon which submission of the departmental proposal was contingent. On July 24, 1968, the appointment of Dr. Nicholas Moravcevic as head of the new department was approved by the Board. With the development of the curricula in slavic languages the increasing demand in this area can be met and it is expected that the recruitment of the needed high quality staff can be enhanced.

The Chancellor at the Chicago Circle campus has recommended to me that the proposal be approved and the Executive Vice President and Provost concurs.

<sup>1</sup> Without additional salary since presently on year-round service.

The Senate Coordinating Council has indicated that no further Senate jurisdiction is involved.

I recommend approval, subject to further action by the Board of Higher Education. (The University will now submit the full program in Slavic languages, including the establishment of the department, to the Board of Higher Education.)

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

#### **CURRICULUM IN ELECTRICAL ENGINEERING AND COMPUTER SCIENCE, URBANA**

(13) The Urbana-Champaign Senate has approved a proposal sponsored by the Department of Electrical Engineering, College of Engineering, with the concurrence of the Department of Computer Science, for the establishment of a new curriculum designation, "Curriculum in Electrical Engineering and Computer Science," leading to the degree of Bachelor of Science in Electrical Engineering and Computer Science.

This proposal gives formal recognition to a program that has been followed by many students in recent years. However, the designation of this curriculum on the student's transcript will identify him with a new and nationally recognized discipline that bridges the gap between the two departments.

The program provides the education and training required for the design and development of computers, in which activity Electrical Engineering has played a unique role from the beginning; the establishment of this curriculum will enhance the already existing close cooperation between the departments of Electrical Engineering and Computer Science.

The Chancellor at the Urbana-Champaign campus has recommended to me that the proposal be approved and the Executive Vice President and Provost concurs. The Senate Coordinating Council has indicated that no other Senate jurisdiction is involved.

Submitted herewith is an outline of the curriculum, a copy of which is being filed with the Secretary of the Board for record.

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

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

#### **INCREASE IN SPECIAL FEE FOR FLIGHT-TRAINING COURSES, URBANA**

(14) Students enrolled in flight-training courses in the Institute of Aviation are charged a special fee of \$375 per semester course. The cost study recently completed has shown that the Institute presently fails to recover sufficient funds from these special fees to meet the costs of operations, including the amount required to offset depreciation of the training aircraft. Furthermore, the need to replace several basic-training aircraft will mean an increase in the cost of operating the new airplanes as well as an increase in the amounts to be set aside for depreciation.

In order to provide the additional funds needed to offset the losses and the expected increases in costs, the Director of the Institute of Aviation, with the concurrence of the Chancellor at the Urbana-Champaign campus, recommends the following increases in fees:

1. As of September 1, 1969, that the special flight fee be increased to \$475 per semester course.
2. As of September 1, 1970, that the special flight fee be further increased to \$550 per semester course.

The University Committee on Fees<sup>1</sup> recommends approval of these proposals. I concur.

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

<sup>1</sup> The membership of the University Committee on Fees is as follows: Executive Vice President and Provost, *Chairman*, Vice President and Comptroller, the three Chancellors, the University Director of School and College Relations.



**CHANGES IN NONACADEMIC POLICY AND RULES RELATING  
TO NEGOTIATIONS WITH REPRESENTATIVES OF  
NONACADEMIC EMPLOYEES**

(15) Proposed changes in the *Policy and Rules Relating to Compensation and Working Conditions of Nonacademic Employees* in respect to Negotiations with Representatives 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 University Director of Nonacademic Personnel from the representatives or the Chancellors, deans, directors, and department heads, and from employee organizations. Draft revisions were submitted to the Nonacademic Personnel Advisory Committee on each campus and to the University Nonacademic Employees Advisory Committee. Revised drafts were reviewed by the University Nonacademic Personnel Advisory Committee. Draft revisions were also submitted to the representatives of the principal organized groups of University employees at Urbana-Champaign, to the president of the Twin City Federation of Labor, and to the principal representatives of all organized groups of employees on the Chicago campuses.

In the light of such reviews and upon the recommendation of the Vice President and Comptroller, the University Counsel, and the University Director of Nonacademic Personnel, the following policy changes are presented to the Board for approval.

**University Policy: Negotiations**

Section 36 D of the University Civil Service Statute authorizes negotiations "to determine appropriate ranges or rates of compensation or other conditions of employment" for recommendation "to the Merit Board for establishment. . . ."

The University recognizes the principle of collective bargaining in respect to nonacademic employees. Each employee may make his own personal decision on employee organization membership. There will be no discrimination against any employee because he is a representative of nonacademic employees. The University will grant exclusive representation to and negotiate with an organization of nonacademic employees when such organization has been designated to represent them by a majority of the employees within an appropriate negotiations unit. Supervisors will be informed in detail as to the content of any collective agreements applicable to employees under their supervision.

The President shall issue such rules as are appropriate and necessary to carry out this policy.

The rules which are to be issued at this time by the President as well as the procedures to be issued by the University Director of Nonacademic Personnel in implementation of the above policy are being filed with the Secretary of the Board for record.

It is noted that since the issuance of the original *Policy and Rules* in 1945 there have been statutory changes in the University's authority to negotiate and there have also been wide-spread organizational developments in public employment generally. In view of these developments, a memorandum prepared by the University Director of Nonacademic Personnel which contains a section by section commentary on the proposed revisions is being filed with the Secretary for record.

I concur in the recommendations that the policy 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 the policy.

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

**CHANGES IN NONACADEMIC POLICY AND RULES RELATING TO  
LEARNER APPOINTMENTS; ALL FORMS OF LEAVE WITH PAY;  
SENIORITY, RETIREMENT, AND SERVICE CREDIT  
TRANSFER BENEFITS**

(16) A number of changes in the *Policy and Rules — Nonacademic* are proposed relating to: the types of benefits extended to "Learners"; eligibility for leaves with pay; seniority, retirement, and recognition of past service credits. The changes providing for service credit transfers relate to rules adopted by the University Civil Service Merit Board on March 14, 1968, and to recommendations of the Merit Board dated July 26, 1967.

Consistent with procedures followed in other recent changes and revisions,

comments have been solicited by the University Director of Nonacademic Personnel from deans, directors, and department heads and from employee organizations. Draft revisions were submitted to the Nonacademic Personnel Advisory Committees on each campus and to the University Nonacademic Employees Advisory Committee. Revised drafts were reviewed by the University Nonacademic Personnel Advisory Committee.

In the light of such reviews and upon recommendation of the Vice President and Comptroller and the University Director of Nonacademic Personnel, the following revisions to the *Policy and Rules* are presented to the Board for approval. The changes are to become effective immediately.

#### Eligibility of Learners for University Benefits

The "Learner"-type of appointment is classified by the University Civil Service System as a non-status appointment. In view of this, incumbents of "Learner" appointments have not met the test of permanent and continuous, as required under the old *Policy and Rules*,<sup>1</sup> for coverage by University benefits generally. The "Learner" appointment may appropriately be regarded as antecedent to a permanent appointment which normally will follow without break in service. It is, therefore, proposed that "Learner" appointments be incorporated in the statement of eligibility in the policy statements in Chapter X, Disability Benefits (i.e., Sick Leave) and in Chapter XIII, Vacation and Personal Leave.

Upon approval of these changes by the Trustees, it is proposed that the President will add "Learner" appointments to those covered in the statements of eligibility for Holidays, Chapter XII, and Leaves of Absence, Chapter VII. (Determination of eligibility for these latter two benefits has been delegated to the President.)

#### Six Months Service as a Condition Precedent to Leave With Pay

Prior to 1953, Vacation and Personal Leave was subject to completion of eleven months of service. Since 1953, it has been "subject to completion of an initial six months" of service. Presently, for good cause shown, an employee may be granted leave by his supervisor up to the amount then earned even before completion of the six months. However, if his employment is terminated before the end of the six months, the University withholds its costs for any such leave already taken from salary and wages due the employee. It is proposed to extend the requirement for completion of an initial six months' service to all forms of leave with pay, i.e., Sick Leave, Jury Duty, Funeral Leave, and Military Training Duty.

The proposed additional language in the policy statement of Chapter VII and Chapter X respectively is:

Leaves of absence without loss of pay will be subject to completion of an initial six months of pay-status service.

Sick Leave benefits are subject to completion of an initial six months of pay-status service.

Upon approval of this language by the Trustees it is proposed that the President will issue the same rules for administration of Sick Leave and Leaves with Pay as now exist for Vacation and Personal Leave.

Following is the text of the sections of Chapters X, XIII, and VII affected by these changes — new language is in italics.

#### Chapter X — Disability Benefits

##### B. Sick Leave — disability not arising out of and in the course of employment

1. An employee in a Trainee, Apprentice, Provisional, *Learner*, 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 1850 hours. *Sick Leave benefits are subject to completion of an initial six months of pay-status service.*

<sup>1</sup> A permanent and continuous employee is (a) one employed in a position or in work which the University contemplates continuing for the next six months, or is (b) a person who has completed six months of service. For this purpose a month of service shall be no less than twenty work days, excluding approved absences. A person employed regularly but on a part-time basis and fulfilling the above conditions will be considered a permanent and continuous employee.

*Chapter XIII—Vacation and Personal Leave*

## University Policy: Vacation and Personal Leave

B. Vacation and Personal Leave is earned by each employee for pay-status service in a Trainee, Apprentice, Provisional, *Learner*, or Status Appointment, subject to completion of an initial six months of such service.

*Chapter VII—Leaves of Absence*

## University 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 also shall issue rules for the administration of leaves. *Leaves of absence without loss of pay will be subject to completion of an initial six months of pay-status service.*

**Seniority, Retirement, and Service Credit Transfer Benefits**

Seniority of nonacademic employees is established and generally controlled by the Statute governing the University Civil Service System of Illinois and by the Civil Service Rules issued under that Statute. Retirement benefits are provided by the Universities Retirement System Statute. Provisions relating to portability of service credits for benefit purposes appear in the University Civil Service Statute, in the State of Illinois Personnel Code, and in Rules, Regulations, Procedures, and Recommendations of the Code Department and of the University Civil Service System Merit Board. All of these promulgations leave areas in which the University may exercise some discretion in the administration and application of the benefits involved. Equity suggests there may be employers not mentioned in either the Code Department or Merit Board rules, e.g., the University of Illinois Foundation, in respect to whom reciprocal agreements for recognition of service credits and possibly of portability of certain accumulated benefits, e.g., Sick Leave, may be deniable. The policy statement proposed below is a delegation and direction to the President of the University under which he will issue rules and procedures as needed for administration of the benefits prescribed by the Statute. The proposed policy also authorizes the President to enter into reciprocal agreements with other employers relating to the recognition of past service benefits.

*Chapter XVII*

## University Policy: Statutory and Inter-Institutional Benefits

The State Universities Retirement System and the University Civil Service System of Illinois provide retirement, seniority and inter-institutional service credit transfer benefits, all as prescribed by state law and regulations issued thereunder. The President of the University shall issue rules for the granting and administration of these benefits within the University and may also establish reciprocal arrangements for recognition of past service credits with other employers relating to such benefits.

A copy of the rules which the President proposes to issue upon approval of the above policy by the Board of Trustees is being filed with the Secretary of the Board for record. Also on file is a memorandum prepared for the President by the University Director of Nonacademic Personnel which identifies certain areas of University discretion and describes how this discretion is to be exercised under the proposed rules.

I concur in the recommendations 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. Williamson, these recommendations were approved.

**WAIVERS OF GRADUATE TUITION AND FEES  
FOR THE CHICAGO CIRCLE CAMPUS**

(17) In anticipation of the inauguration of graduate study at the Chicago Circle campus in 1967-68, the Board of Trustees approved on May 16, 1967, a total of twenty tuition-and-fee waivers for graduate students at the Chicago Circle campus.

This action was taken in conformity with the prevailing practice at the other two campuses.

Students in the following categories are eligible for such waivers: (a) holders of University fellowships; (b) holders of endowed fellowships that do not provide funds for the payment of tuition and fees; (c) recipients of tuition-and-fee awards who have no other form of financial aid.

In order to bring the percentage of such waivers at the Chicago Circle campus up to the levels authorized for the other two campuses, the Executive Vice President and Provost, with the concurrence of the Chancellor at the Chicago Circle campus, recommends that the number of tuition-and-fee waivers be increased to a total of seventy.

I concur.

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

#### APPROPRIATIONS FOR NONRECURRING EXPENDITURES

##### Urbana-Champaign Campus

(18) The Chancellor of the Urbana-Champaign campus recommends the following appropriations from the Urbana-Champaign General Reserve:

College of Fine and Applied Arts

Krannert Center for the Performing Arts, equipment..... \$ 50 000

Renovation and remodeling for which funds are assigned to the

Department of Plant and Services:

Remodeling in Y.W.C.A. for the offices of the Vice Chancellors

and the Director of Business Affairs..... 100 000

*Total, Urbana-Champaign General Reserve..... \$150 000*

##### Chicago Circle Campus

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

Renovation and remodeling for which funds are assigned to the

Physical Plant:

Remodeling in University Hall for Personnel Services Office..... \$ 22 500

Remodeling in the Science and Engineering Laboratory..... 34 550

*Total, Chicago Circle General Reserve..... \$ 57 050*

The Executive Vice President and Provost and the Vice President and Comptroller concur.

I recommend approval.

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

The President asked the Provost to speak about this item. Mr. Lanier reported that in the light of the Governor's message, there had been a screening of items to assure that only those essential to University operations next fall were included. A number of reductions had been made prior to the submission of the item.

#### TRANSFER OF ILLINOIS EYE AND EAR INFIRMARY TO THE UNIVERSITY OF ILLINOIS

(19) The Chancellor at the Medical Center campus has recommended to me that the University accept by transfer the real property, budget support, and personnel of the Illinois Eye and Ear Infirmary, Department of Children and Family Services, effective January 1, 1970. The Department of Children and Family Services has concurred in the proposed transfer.

The Illinois Eye and Ear Infirmary currently is jointly operated by the Illinois Department of Children and Family Services and the University of Illinois.<sup>1</sup> The Department is responsible for operation and maintenance of the Infirmary, and the University is responsible for professional and technical services. Although the joint operation has worked well and relationships between the Department and the University are excellent, the rapidly changing socio-economic aspects of the delivery of health services suggests the Infirmary should be transferred in total to the University.

The Illinois Eye and Ear Infirmary was founded in Chicago in 1858 as a private charitable institution and became a responsibility of the state of Illinois in 1871. The Infirmary has a long and distinguished record of service. Two of the largest and most highly regarded residency programs in the United States—in ophthalmology and otolaryngology—are conducted at the Infirmary. The Infirmary serves as the principal location for the departments of Ophthalmology and Otolaryngology of the University of Illinois College of Medicine.

The Infirmary now occupies a new 124-bed hospital-clinic building across the street from the University of Illinois Research and Educational Hospitals and is an integral part of the University's program of education for the health sciences and professions conducted at the Medical Center campus.

The Executive Vice President and Provost and the Vice President and Comptroller concur in this recommendation.

I recommend approval, subject to further action by the State Board of Higher Education and the Seventy-sixth Illinois General Assembly.

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

#### **CONTRACT FOR REMODELING IN THE RACINE AVENUE BUILDING, CHICAGO CIRCLE**

(20) The President of the University, with the concurrence of appropriate administrative officers, recommends award of a contract in the amount of \$85,972 to Mueller Construction Company, Chicago, the low base bidder, for construction of mechanical equipment areas in the Racine Avenue Building at the Chicago Circle campus.

Funds are available in state capital appropriations to the University for 1967-69 and have been released by the Governor.

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

#### **CONTRACT FOR IMPROVEMENTS IN STEAM DISTRIBUTION SYSTEM, URBANA**

(21) The President of the University, with the concurrence of appropriate administrative officers, recommends the award of a contract in the amount of \$258,700, to Natkin Mechanical Contractors, Inc., Peoria, the low bidder, for Phase I alterations to the steam distribution system which will increase the pressure in the steam distribution system at the Urbana-Champaign campus.

Funds for this work are available in state capital appropriations to the University 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. Hughes, Mr. Jones, Mr. Pogue, Mr. Swain, Mr. Williamson; no, none; absent, Governor Ogilvie, Mr. Page, Dr. Weatherly.

#### **INCREASE IN CONTRACT FOR ARCHITECTURAL SERVICES, CHICAGO CIRCLE**

(22) On July 26, 1967, the Board of Trustees approved the employment of Samuel Arthur Lichtmann, Chicago, for complete architectural services for miscellaneous remodeling projects at the Chicago Circle campus at a fee of 8 per cent of con-

<sup>1</sup> The Infirmary is located at 1855 West Taylor Street, Chicago, adjacent to the University Research and Educational Hospitals.

struction costs, plus reimbursement for the actual costs of a Clerk of the Works. The contract further states that the total payment for services on any specific project would not exceed \$10,000 unless prior authorization is given by the Board of Trustees.

The President of the University, with the concurrence of appropriate administrative officers, recommends an addition to this contract of an estimated \$15,000 for the following work in the Racine Avenue Building at the Chicago Circle campus:

1. Preliminary design for remodeling portions of the second, third, and fourth floors.
2. Preparation of bid documents for design of mechanical equipment to upgrade the ventilating and air conditioning system, heating system, electrical supply, and plumbing system.

Funds are available in state capital appropriations to the University for 1967-69 and have been released by the Governor.

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

#### TRANSFER OF JURISDICTION OF LAND TO THE ILLINOIS BUILDING AUTHORITY, URBANA

(23) The Illinois Building Authority has requested the Board of Trustees to transfer jurisdiction of the sites of the Foreign Languages Building project and the Music Building project at the Urbana-Champaign campus to the Illinois Building Authority.

Both of these projects are part of the construction which the Seventy-fifth General Assembly has declared to be in the public interest and which the Board of Trustees at its meeting on July 26, 1967, requested the Illinois Building Authority to provide.

Accordingly, the President of the University, with the concurrence of appropriate administrative officers, requests the adoption of the following resolutions to authorize the transfer requested by the Illinois Building Authority.

#### Resolution

WHEREAS, the Seventy-Fifth General Assembly of the State of Illinois has declared it to be in the public interest that the Illinois Building Authority construct, on behalf of The Board of Trustees of the University of Illinois, a Music Building at the Urbana-Champaign campus of the University of Illinois; and

WHEREAS for that purpose it will be necessary for the Illinois Building Authority to acquire jurisdiction of the real estate upon which said building will be located; and

WHEREAS The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois with its principal office in Urbana, Illinois, has been requested by the Illinois Building Authority to transfer jurisdiction of said real estate for the construction of said building.

*Now, Therefore, Be It and It Is Hereby Resolved* by The Board of Trustees of the University of Illinois at its February 19, 1969, meeting, as follows:

That the Comptroller and the Secretary of The Board of Trustees of the University of Illinois be and they are hereby authorized to execute, acknowledge and deliver, in the name and on behalf of this corporation, an instrument of transfer of jurisdiction to the property described in the attached document entitled "Instrument of Transfer" which said form of Instrument of Transfer is, by this reference, incorporated in and made a part of this Resolution.

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

Date: \_\_\_\_\_, 1969  
 I.B.A. Project No. 2-00-75-017  
 Construct Music Building  
 University of Illinois, Urbana Campus

### Instrument of Transfer

In accordance with the provisions of "An Act to create the Illinois Building Authority and to define its powers and duties," approved August 15, 1961, as amended, and Resolution No. 69 IBA 5, adopted on the 23rd day of January, 1969 by the Illinois Building Authority, a body corporate and politic of the State of Illinois, created under said mentioned Act, requesting the transfer of jurisdiction of certain described real estate to the Illinois Building Authority.

Now, Therefore, the undersigned The Board of Trustees of the University of Illinois, a body corporate and politic of the State of Illinois, does hereby transfer jurisdiction of the following real estate to the Illinois Building Authority, to wit:

Situated in the State of Illinois, the County of Champaign, the City of Urbana, being a part of the Northeast Quarter of Section 18, Township 19 North, Range 9 East of the Third Principal Meridian, and being all of Lots 16 and 17 and a part of Lot 18 of the Forestry Heights Addition to the City of Urbana and being all of Lots 21, 22, and 23 and part of Lots 19 and 20 of University Addition to the City of Urbana, and being more fully described as follows:

Beginning at the intersection of the North right-of-way Line of Nevada Street and the East right-of-way Line of Goodwin Avenue of the City of Urbana, being the Southwest Corner of Lot 18 of Forestry Heights Addition to the City of Urbana, thence North along the East right-of-way Line of Goodwin Avenue and the West Line of the said Lot 18 a distance of Ninety-one and forty hundredths (91.40) feet; thence East parallel to the North right-of-way Line of Nevada Street a distance of Sixty-four (64.0) feet, to a point being One (1.00) feet West of the West Line of Lot 17 Forestry Heights Addition; thence North parallel to the West Line of Lot 17 of Forestry Heights Addition and parallel to the East right-of-way Line of Goodwin Avenue a distance of Sixty-five and ninety hundredths (65.90) feet to a point One and thirty hundredths (1.30) feet North of the North Line of Forestry Heights Addition; thence East parallel to the North Line of Forestry Heights Addition a distance of Sixty-four and sixty hundredths (64.60) feet to a point being One and Forty hundredths (1.40) feet West of the West Line of Lot 21 of University Addition; thence North parallel to the West Line of Lot 21 of University Addition and parallel to the East right-of-way Line of Goodwin Avenue a distance of One hundred Fifty-five and eighty-three hundredths (155.83) feet, to the South right-of-way Line of Oregon Street; thence East along the South right-of-way Line of Oregon Street a distance of One hundred Ninety-six and forty hundredths (196.40) feet, to the East Line of Lot 23 of University Addition; thence South along the East Line of Lot 23 of University Addition and parallel to the East right-of-way Line of Goodwin Avenue a distance of One hundred Fifty-seven and sixteen hundredths (157.16) feet, to the South Line of University Addition; thence West along the South Line of University Addition a distance of One hundred Thirty (130.0) feet, to the East Line of Lot 16 of Forestry Heights Addition; thence South along the East Line of Lot 16 of Forestry Heights Addition a distance of One hundred Fifty-six (156.0) feet, to the North right-of-way Line of Nevada Street; thence West along the North right-of-way Line of Nevada Street a distance of One hundred Ninety-five (195.0) feet, more or less, to the Point of Beginning. Containing One and thirty-five hundredths (1.35) Acre, more or less.

Being the site upon which the Illinois Building Authority is to construct and complete a Music Building for the University of Illinois at the Urbana-Champaign Campus.

IN WITNESS WHEREOF, The Board of Trustees of the University of Illinois, a body corporate and politic of the State of Illinois, has caused this instrument to be executed by its Comptroller, pursuant to due authorization of its Board of Trustees, and its seal to be hereunto affixed and attested by the Secretary of The Board of Trustees of the University of Illinois, all as of the \_\_\_\_\_ day of \_\_\_\_\_, 1969.

This instrument has been executed in several counterparts each of which may be considered as an original.

THE BOARD OF TRUSTEES OF THE  
UNIVERSITY OF ILLINOIS

By.....  
Comptroller

Attest :  
.....  
Secretary

I hereby approve the foregoing transfer as being advantageous to the State of Illinois and in the public interest.

Dated ....., 19.....

(Seal)

.....  
Governor, State of Illinois

Approved as to form and content :

.....  
For Counsel for the Board of Trustees  
of the University of Illinois

STATE OF ILLINOIS }  
COUNTY OF CHAMPAIGN } SS

**Acknowledgement**

I, ....., a Notary Public in and for the County and State aforesaid, do hereby certify that H. O. Farber and Earl W. Porter, personally known to me to be the Comptroller and Secretary of The Board of Trustees of the University of Illinois, respectively, whose names are subscribed to the foregoing instrument, personally appeared before me this day and acknowledged that they signed and delivered the said instrument of writing as Comptroller and Secretary respectively, of said Board, pursuant to authority given by "An Act to create the Illinois Building Authority and to define its powers and duties," approved August 15, 1961, as amended (Ill. Rev. Stat. 1967, Ch. 127, §§ 213.1-214), as their free and voluntary acts as the free and voluntary act of The Board of Trustees of the University of Illinois, for the uses and purposes therein set forth.

Given under my hand and official seal, this ..... day of .....  
A.D., 19.....

.....  
Notary Public

My Commission Expires .....

**Resolution**

WHEREAS, the Seventy-Fifth General Assembly of the State of Illinois has declared it to be in the public interest that the Illinois Building Authority construct, on behalf of The Board of Trustees of the University of Illinois, a Foreign Languages Building at the Urbana-Champaign campus of the University of Illinois; and

WHEREAS for that purpose it will be necessary for the Illinois Building Authority to acquire jurisdiction of the real estate upon which said building will be located; and

WHEREAS The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois with its principal office in Urbana, Illinois, has been requested by the Illinois Building Authority to transfer jurisdiction of said real estate for the construction of said building.

Now, Therefore, Be It and It Is Hereby Resolved by The Board of Trustees of the University of Illinois at its February 19, 1969, meeting as follows:

That the Comptroller and the Secretary of The Board of Trustees of the University of Illinois be and they are hereby authorized to execute, acknowledge and deliver, in the name and on behalf of this corporation, an instrument of trans-



fer of jurisdiction to the property described in the attached document entitled "Instrument of Transfer" which said form of Instrument of Transfer is, by this reference, incorporated in and made a part of this Resolution.

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

Date: \_\_\_\_\_, 1969  
I.B.A. Project No. 2-00-75-014  
Construct Foreign Languages Building  
University of Illinois, Urbana Campus

### Instrument of Transfer

In accordance with the provisions of "An Act to create the Illinois Building Authority and to define its powers and duties," approved August 15, 1961, as amended, and Resolution No. 69 IBA 4, adopted on the 23rd day of January, 1969 by the Illinois Building Authority, a body corporate and politic of the State of Illinois, created under said mentioned Act, requesting the transfer of jurisdiction of certain described real estate to the Illinois Building Authority.

*Now, Therefore*, the undersigned The Board of Trustees of the University of Illinois, a body corporate and politic of the State of Illinois, does hereby transfer jurisdiction of the following real estate to the Illinois Building Authority, to wit:

Situated in the State of Illinois, the County of Champaign, and the City of Urbana; in the SW  $\frac{1}{4}$ , NE  $\frac{1}{4}$  of Section 18, Township 19 North, Range 9 East of the 3rd. Principal Meridian and being more fully bounded and described as follows:

Beginning at a point 216.43 feet North of the intersection of the West Right-of-Way Line of Mathews Avenue, City of Urbana, Illinois, and the S. Line of SW  $\frac{1}{4}$ , NE  $\frac{1}{4}$ , Section 18, Township 19 North, Range 9 East, 3rd. Principal Meridian; thence Westerly 276.50 feet to a point; thence Northerly 147.00 feet to a point; thence Easterly 276.50 feet to a point on the West Right-of-Way Line of Mathews Avenue; then Southerly along said West Right-of-Way of Mathews Avenue 147.00 feet to the point of Beginning containing 0.933 Acres more or less.

STATE OF ILLINOIS }  
COUNTY OF CHAMPAIGN } SS

### Acknowledgement

I, \_\_\_\_\_, a Notary Public in and for the County and State aforesaid, do hereby certify that H. O. Farber and Earl W. Porter, personally known to me to be the Comptroller and Secretary of The Board of Trustees of the University of Illinois, respectively, whose names are subscribed to the foregoing instrument, personally appeared before me this day and acknowledged that they signed and delivered the said instrument of writing as Comptroller and Secretary respectively, of said Board, pursuant to authority given by "An Act to create the Illinois Building Authority and to define its powers and duties," approved August 15, 1961, as amended (Ill. Rev. Stats. 1967, Chapter 127, Paragraphs 213.14), as their free and voluntary acts as the free and voluntary act of The Board of Trustees of the University of Illinois, for the uses and purposes therein set forth.

Given under my hand and official seal, this \_\_\_\_\_ day of \_\_\_\_\_ A.D., 19\_\_\_\_\_.

\_\_\_\_\_  
Notary Public

My Commission Expires \_\_\_\_\_

### EMPLOYMENT OF ARCHITECTS, MEDICAL CENTER

(24) The President of the University, with the concurrence of appropriate administrative officers, recommends the employment of Graham, Anderson, Probst and White, Incorporated, Chicago, for architectural services for the construction of the College of Dentistry Building, Phase II, at the Medical Center campus, at a fee of  $5\frac{1}{2}$  per cent of the actual construction cost, including full-time, on-site

supervision. This project is to be constructed in the 1969-71 biennium and authorization to the architect is being limited at this time to the development of schematic studies of this project at a fee not to exceed \$36,900.

Funds for the complete architectural services have been requested in the 1969-71 capital budget request. Funds for the development of schematic studies are available in state capital appropriations to the University for 1967-69 from the Universities Building Fund.

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

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

#### **EMPLOYMENT OF ENGINEERS, MEDICAL CENTER**

(25) The President of the University, with the concurrence of appropriate administrative officers, recommends the employment of Howell-Stiggleman Company, Chicago, for development of a program to air-condition patient care areas of the Hospital Addition, the General Hospital, the Neuropsychiatric Institute, and the Illinois Surgical Institute at the Medical Center campus. In addition, the firm is to prepare bid documents on the most important phase of this work and for which funds will be made available in this biennium. The engineer's fee will be based on actual salaries and wages of personnel directly engaged on the project, plus 100 per cent for overhead and commission, plus normal reimbursables, with the total fee not to exceed \$45,000.

It is further recommended that \$45,000 be assigned from the Medical Center General Reserve.

The Advisory Committee on Architectural and Engineering Services concurs in the recommendation to employ this firm.

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

#### **APPLICATION FOR GRANT FUNDS UNDER TITLE II OF THE HIGHER EDUCATION FACILITIES ACT OF 1963**

(26) Under the Higher Education Facilities Act of 1963, the United States Commissioner of Education is authorized to grant funds for the construction, rehabilitation, and improvement of academic and related facilities. The requirements of the Department of Health, Education, and Welfare for the submission of applications for grants under the Act necessitate the adoption of a formal resolution by the Board authorizing the filing of applications and designating the person to act on behalf of the University in connection therewith.

It is recommended that The Board of Trustees of the University of Illinois adopt the resolution submitted herewith authorizing the filing of an application for a grant for the construction of Turner Hall Phase II (Turner Hall Addition) at Urbana-Champaign and designating Sidney M. Stafford, Director of Business Affairs at Urbana-Champaign, as the officer authorized to file the application on behalf of the University for construction at Urbana-Champaign.

#### **Resolution Authorizing the Filing of Application for Grant Funds Under Title II of the Higher Education Facilities Act of 1963**

WHEREAS, the U.S. Commissioner of Education is authorized under the Higher Education Facilities Act of 1963 to grant funds for the construction, rehabilitation, and improvement of certain academic and related facilities; and

WHEREAS, The Board of Trustees of the University of Illinois, the governing body of the University of Illinois, hereinafter called the Applicant, is cognizant of the conditions under which grant funds are made available and approved for payment to an applicant; and

WHEREAS, it is the sense of the governing body of the Applicant that it is desirable to apply for a grant under Title II of the aforementioned act for the project described as follows:

Construction of Turner Hall Phase II, also known as Turner Hall Addition at Urbana-Champaign Campus.

*Now, therefore, be it*

*Resolved*, that an application for the project described above is authorized and directed to be filed with the Office of Education, Department of Health, Education, and Welfare, United States of America; and be it further

*Resolved*, that The Board of Trustees of the University of Illinois designates Sidney M. Stafford, Director of Business Affairs, Urbana-Champaign Campus, as the officer authorized to file the application and act as the representative of this Board in connection with said application.

Signed.....  
Timothy W. Swain, President  
THE BOARD OF TRUSTEES OF THE  
UNIVERSITY OF ILLINOIS  
February 19, 1969

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

#### **A GIFT FROM THE BENJAMIN J. GOLDBERG FOUNDATION**

(27) The Board of Trustees on January 12, 1967, formally accepted the gift of a trust fund known as the Benjamin J. Goldberg Foundation and the proceeds have now been received. The Benjamin J. Goldberg Foundation contains a separate Edward and Cookie Beck Fund. The gift is to be used for the following purposes:

1. To establish professorships, scholarships, and fellowships at institutions of learning for worthy and deserving students, without regard to sex, color, or creed;
2. To foster and encourage research in the fields of medicine, science, and art and for the purchase of necessary apparatus, books, equipment, or supplies for the same;
3. For the care, hospitalization, and assistance of such aged or sick or helpless or poor or incompetent person or persons or child or children as merit and are in need of care, hospitalization, or assistance.

The Chancellor at the Medical Center and the Vice President and Comptroller recommend that these funds be used at the Medical Center for the purposes specified and that the proceeds be held as temporary endowments, designated as the Edward and Cookie Beck Fund and the Benjamin J. Goldberg Foundation Fund, pending the President's final decision as to the specific application of the funds.

Dr. Goldberg was a 1916 alumnus of the College of Medicine and was devoted to the improvement of medical education. A very substantial part of his personal estate was given to the University of Illinois Foundation to construct a facility for multidisciplinary medical research on the Medical Center campus.

I concur.

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

#### **PURCHASES**

(28) The President submitted lists of purchases recommended by the Directors of Purchases and the Vice President and Comptroller; and a list of purchases authorized by the President.

#### **Purchases Authorized**

On motion of Mr. Jones, the purchases authorized were approved.

The Provost noted that for clarification of presentation, the purchases recommended had been divided into two categories—those to be made from funds appropriated by the state and those to be made from funds from other sources held by the University. In the case of the former, he stated that one item would be withdrawn and that a special motion regarding another item would be needed.

### Purchases from Appropriated Funds

On motion of Mr. Jones, the purchases recommended from appropriated funds were approved, except for Item 7 (FM Broadcast System for the Radio Station at the Urbana-Champaign campus), which was withdrawn, and Item 2 (library bookstacks, wood shelving, wood furniture, metal and miscellaneous furniture for the Science and Engineering Building at Chicago Circle) which was approved subject to confirmation by the President of the University. The President was requested to withhold confirmation on those purchases for which new bids can be obtained after July 1, 1969, and still receive delivery in time for the opening of the fall quarter in 1969.

### Purchases from Institutional Funds

On motion of Mr. Jones, these purchases were authorized.

The total amounts of purchases presented and approved were:

From Appropriated Funds.....	\$1 010 918 19 <sup>1</sup>
From Institutional Funds.....	420 707 47

Complete lists of the purchases, with supporting information, were sent to each member of the Board in advance of the meeting, and copies are being filed with the Secretary for record.

### COMPTROLLER'S REPORT OF PURCHASES APPROVED

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

This report was received for record.

### COMPTROLLER'S MONTHLY REPORT OF CONTRACTS EXECUTED

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

#### Medical Center

##### Change Orders

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>
Mutual Contracting Company	General work—remodeling fourth floor Research and Educational Hospital	\$ 5 433
Simpson Construction Company	Minor remodeling, Neuropsychiatric Institute	7 077
<i>Total Medical Center</i>		<u>\$ 12 510</u>

#### Chicago Circle

##### New Contracts

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
State of Illinois Department of Public Aid	Student field instruction programs in Cook County and downstate departments of public aid	\$ 9 693
United States Department of Health, Education, and Welfare: OEC-0-8-000163-4622 (089)	Instruction guide for micro-precision watch maintenance and repair	21 167
OEC-0-8-000164-4647 (089)	Instruction guide for micro-precision instrument maintenance and repair	18 955
OEC-0-8-000165-4611 (089)	Instruction guide for micro-precision camera maintenance and repair	18 589
<i>Total</i>		<u>(68 404)</u>

<sup>1</sup> Includes \$904,408.16 which is subject to confirmation by the President.

*Change Orders*

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
United States Air Force F 33615-67-C-1283	Material behavior in wire under traverse impact	\$ 24 846
<i>Total</i>		(24 846)
<i>Total Chicago Circle</i>		\$ 93 250

**Urbana-Champaign***New Contracts*

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
United States Air Force F 33615-69-C-1122	Broadband and small aperture antennas	\$ 255 000
United States Army: DA-ARO-D-31-124-G1091	Electrochemistry of fused salts	51 000
DAAB 07-69-C-0097	Direction finder system for MF-HF-VHF ranges	118 196
United States Department of Health, Education, and Welfare: OEG-0-9-230222-2135-725	English as a second language institute	10 000
OEG-0-9-230283-2213-725	Institute for teaching of Latin	10 000
OEG-0-9-230462-2100-721	Experienced teacher fellowship program — early childhood education	10 000
OEG-0-9-230472-2214-725	Foreign language institute in Russian	10 000
OEG-0-9-234607-2269-721	Experienced teacher fellowship program	10 000
OEG-5-9-230051-0027	Art objects: A pilot study to evaluate some of the affective dimensions of their meaning	16 969
National Institute of Health NIH 69-84	Isolate and purify ribonucleic acid "replicases" from murine tumors containing virus particles and synthesize their variants	124 876
United States Department of the Interior: National Park Service 14-10-5-950-30	Archaeological salvage at Lincoln Reservoir	6 000
Office of Saline Water 14-01-0001-2153	Transfer of salt and water across membranes of plant mitochondria	27 449
<i>Total</i>		(649 490)

*Change Orders*

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
United States Air Force AF 30(602) 4144	Experimentation in paralld computation	\$1 500 000
United States Army: DA-01-021-AMC-13902 (Z)	Factors influencing annular base drag of bodies of revolution with jet flow in transonic and supersonic external streams	19 968
DA-31-124-ARO(D) 65	Dislocations and point defects of materials	54 300
United States Atomic Energy Commission: AT (11-1) 790	Ribonucleic acid in the accumulation of ions by plant cells	22 500
AT (11-1) 1195	Elementary particle interactions in the high energy region	10 000
United States Department of Health, Education, and Welfare: OE-5-85-038	Study of practical nursing	50 602
OEC-3-6-061279-1609	Research study of an approach to aesthetic education	30 449
OEC-3-7-070706-3118	Establish a national coordinator center for the national laboratory in early childhood education	1 754 327
United States Navy N00014-67-A-0305-0010	Research in numerical and approximate analysis of structures including the development of problem oriented computer program systems	50 000
<i>Total</i>		(3 492 146)

*Change Orders*

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>
Turner Construction Company	Krannert Center for the Performing Arts contract to extend air conditioning to Illinois Street Residence Halls	\$ 10 591
<i>Total</i>		(10 591)
<i>Total to be paid to Urbana-Champaign</i>		\$4 141 636
<i>Total to be paid by Urbana-Champaign</i>		10 591

**Summary**

Amount to be paid to University.....	\$4 234 886
Amount to be paid by University.....	23 101

This report was received for record.

**QUARTERLY REPORTS OF THE COMPTROLLER**

(31) The Comptroller presented his quarterly reports to the Board as of September 30, 1968, and December 31, 1968.

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

**INVESTMENT REPORT**

**For the Month of December, 1968**

**Report of the Finance Committee**

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

*Duke**Sale:*

\$5 000 U.S. Treasury bills due 2/13/69..... \$ 4 866 76

*Pool**Sales:*

\$185 000 U.S. Treasury 3½ per cent bonds due 11/15/71..... \$175 634 38  
 10 000 U.S. Treasury 4½ per cent bonds due 11/15/73..... 9 267 50  
 123 000 U.S. Treasury 4½ per cent bonds due 2/15/74..... 114 005 63  
 4 000 U.S. Treasury 3¼ per cent bonds due 6/15/83..... 3 087 50  
 2 070 shares National Dairy Company common stock..... 92 181 88

*Purchases:*

\$ 40 000 CIT Financial Corporation demand notes..... \$ 40 000 00  
 800 shares AMP common stock..... 29 900 00  
 300 shares IBM common stock..... 96 513 30  
 400 shares Monsanto Company common stock..... 23 679 52  
 1 000 shares Oklahoma Gas & Electric common stock..... 23 779 75  
 800 shares Polaroid common stock..... 100 412 00  
 400 shares Xerox common stock..... 108 564 32

**Report of the Comptroller**

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

*Current Funds**Current Funds (Chicago Circle)**Purchases:*

\$775 000 U.S. Treasury bills due 1/16/69..... \$771 293 27  
 250 000 First National Bank of Chicago C/D due 6/30/69..... 250 000 00

*Ford Foundation International Programs**Sale:*

\$45 000 U.S. Treasury bills due 2/13/69..... 43 798 61

*Restricted Group**Purchases:*

\$700 000 00	Beneficial Finance notes due 5/2/69.....	683 883 47
500 000 00	Federated National Mortgage Association notes due 5/5/69.....	487 916 67
300 000 00	Federated National Mortgage Association notes due 5/6/69.....	292 891 25
925 685 19	Irving Trust Company bankers acceptance due 5/29/69, endorsed by The Northern Trust.....	899 068 53

*Assembly Hall**Construction Funds**Sale:*

\$ 16 000	U.S. Treasury bills due 5/31/69.....	15 560 14
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*Purchase:*

\$240 000	U.S. Treasury bills due 5/31/69.....	233 343 00
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*Dentistry-Medicine-Pharmacy Auxiliary (Medical Center)**Purchase:*

\$429 000	U.S. Treasury 5½ per cent notes due 5/15/69.....	429 469 22
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*Florida Avenue Residence Halls**Sale:*

\$ 22 000	U.S. Treasury bills due 4/30/69.....	21 507 52
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*Purchase:*

\$836 000	U.S. Treasury bills due 5/31/69.....	812 801 00
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*Kramert Contributions**Purchases:*

\$285 500	Cargill 5½ per cent notes due 6/30/76.....	285 500 00
4 000	Federal Land Banks 5½ per cent bonds due 7/20/76.....	3 830 00

*Orchard Apartments**Sale:*

\$ 40 000	U.S. Treasury bills due 1/30/69.....	39 683 33
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*Union (Chicago Circle)**Sinking Funds**Purchase:*

\$503 000	U.S. Treasury bills due 3/20/69.....	492 195 75
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This report was received for record.

**TRANSMITTAL OF URBANA SENATE'S RECOMMENDATIONS  
CONCERNING PENDING COURT ACTIONS AND COMMENTS  
FROM THE PRESIDENT OF THE UNIVERSITY**

The following recommendations of the Urbana Senate Council were presented to the Trustees as well as the following statement from the President of the University:

**Recommendations of Urbana Senate Council**

On December 27, 1968, the following recommendations were made to the Chancellor by the Urbana Senate Council with regard to court proceedings concerning students arrested during the incident of September 9:

1. Those believed on the basis of evidence available to the University's judicial system (a) to be guilty of acts of such severity that it would be reasonable to suppose that criminal prosecution would follow, or (b) to be guilty of acts of such a nature that the only punishment meted out was a reprimand, but with regard to whom it is reasonably believed that evidence would be made available by lawful means to support criminal prosecution for unlawful acts. We recommend that representatives of the University cooperate with the State's Attorney's office in effecting a speedy disposition of these cases.

2. Those adjudged by the University's judicial system to be guilty of acts of such a nature that the only penalty meted out was a reprimand and against whom no other substantial evidence exists. We recommend that University authorities use their good offices to secure withdrawal of criminal charges against these students.

On February 10, 1969, the Urbana Senate concurred in the recommendations.

#### **Statement from President David D. Henry**

At the recommendation of the Chancellor and the President, on January 15, 1969, the Board of Trustees endorsed the action of the Urbana Senate Committee on Student Discipline in clarifying the severe consequences for participation in an incident of mass coercion or disruption. In the future, there can be no confusion, even on the part of entering students, that these mass incidents are serious events which will normally result in the dismissal of students, absent mitigating circumstances, in which case suspended dismissal is to be the alternate sanction.

In the meantime, civil actions against those arrested last September have been pending, and in this connection the Urbana Senate Council has made recommendations, in which the Urbana Senate has concurred.

I now transmit these recommendations to you. With respect to them, the Chancellor and I jointly make the following comment:

The charges before the court are for violations of law. The charges before the University disciplinary system in the cases in question were for violations of University regulations. We do not believe that actions of the University in disciplinary matters should be used as the sole basis for prejudging the possible results of civil cases where the issues, procedures, and standards of proof are substantially different.

We are of the view that there should be vigorous prosecution of all of those persons whom the evidence indicates bear material responsibility for the incidents of September 9-10.

We further believe that the interests of justice and fairness will be served by a full exchange of information and views between the Chancellor and the State's Attorney of Champaign County on the subject of the degree of involvement of the persons arrested. The State's Attorney has indicated that he would welcome such interchange and has expressed his willingness to work with the University in the sorting-out process in order to expedite the ultimate disposition of the cases.

Accordingly, we believe that it is in order for such discussions to proceed. It is recognized that as a result of these procedures, pending charges may be increased, diminished, or dismissed.

The President stated that it was his intention to pursue administratively the course indicated unless the Board of Trustees should give him some other direction. There being no contrary action, the report was received with that understanding.

#### **VANDALISM — LIBRARY AT URBANA**

The President and the Chancellor reported on the destruction of library cards in the Urbana Library by unknown parties, indicating that a thorough and complete investigation was underway and further reports would be forthcoming.

#### **VISITATION — UNDERGRADUATE HOUSING UNITS, URBANA**

This subject was placed on the agenda at the request of Mr. Swain. The visitation program, being conducted during the spring semester on a trial basis, had been implemented administratively, and the Trustees had been informally advised of it but no action had been requested by the Trustees or administrative officers.

Mr. Swain expressed concern at the volume of correspondence he had received in which opposition to the program was expressed. He



asked the President of the University for a report on the program, and at President Henry's request the Chancellor at Urbana-Champaign reviewed in some detail the background and operating rules for the program.<sup>1</sup>

Mr. Swain expressed his belief that the experiment should be suspended. After extended discussion by other members of the Board, Mr. Grimes moved that the subject be referred to the Committee on General Policy for further investigation and continuing review and evaluation. The Committee would be expected to report to the Board from time to time during the trial period. (The motion was made with the understanding that the trial period would go forward as planned.) The motion was approved.

The Trustees also requested an opportunity to meet with students and others interested in the program at an early occasion as a part of the evaluation and review process. A meeting for this purpose will be scheduled for the evening of Tuesday, March 18, Urbana.

#### DEGREES CONFERRED

The Secretary presented for record the following list of degrees conferred on candidates at the Urbana-Champaign campus on February 15, 1969.

#### Summary

<b>Graduate College</b>	
Doctor of Philosophy.....	158
Doctor of Education.....	10
Doctor of Musical Arts.....	1
Master of Arts.....	135
Master of Science.....	298
Master of Music.....	5
Master of Education.....	88
Master of Social Work.....	50
Master of Fine Arts.....	3
Master of Laws.....	2
Master of Television.....	3
Master of Architecture.....	4
Master of Accounting Science.....	6
Master of Business Administration.....	15
Master of Commerce.....	1
Master of Extension Education.....	2
Master of Landscape Architecture.....	3
Master of Urban Planning.....	3
Advanced Certificate.....	6
<i>Total, Graduate College.....</i>	<i>(793)</i>
<b>College of Agriculture</b>	
Bachelor of Science.....	75
<b>College of Engineering</b>	
Bachelor of Science.....	303
Certificate in Teaching of Engineering Technology.....	5
<i>Total, College of Engineering.....</i>	<i>(308)</i>
<b>College of Liberal Arts and Sciences</b>	
Bachelor of Arts.....	227
Bachelor of Science.....	157
<i>Total, College of Liberal Arts and Sciences.....</i>	<i>(384)</i>

<sup>1</sup> President Henry also announced that a similar program was being implemented at the Medical Center campus.

College of Law	
Juris Doctor .....	19
College of Education	
Bachelor of Science .....	58
College of Commerce and Business Administration	
Bachelor of Science .....	125
College of Communications	
Bachelor of Science .....	35
College of Fine and Applied Arts	
Bachelor of Architecture .....	26
Bachelor of Fine Arts .....	21
Bachelor of Landscape Architecture .....	2
Bachelor of Music .....	5
Bachelor of Science .....	12
Bachelor of Urban Planning .....	1
<i>Total, College of Fine and Applied Arts .....</i>	<i>(67)</i>
College of Physical Education	
Bachelor of Science .....	34
College of Veterinary Medicine	
Bachelor of Science .....	1
<i>Total, Degrees Conferred at the Urbana-Champaign Campus .....</i>	<i>1,899</i>

#### GRADUATE COLLEGE

##### Degree of Doctor of Philosophy

###### *In Accountancy*

- RAYMOND CURTIS DOCKWEILER, B.S., Miami University, 1962; M.S., 1964  
 BELVERD EARL NEEDLES, JR., B.B.A., M.B.A., Texas Technological College, 1964, 1965  
 JAMES CARL STALLMAN, B.S., M.S., 1963, 1964  
 ROBERT JAY SWIERINGA, A.B., Augustana College, 1964; M.B.A., University of Denver, 1965  
 JOE ARDEN TRINE, B.B.A., M.B.A., University of Wisconsin, 1959, 1960  
 JAMES ERNEST WHEELER, B.S.B.A., Bowling Green State University, 1958; M.S., 1962  
 HARTMUT JUERGEN WILL, Diplom-Kaufmann, Free University of Berlin, 1964

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

- HUGH MCWHIRTER JACKSON, B.S., 1957  
 CURTIS FRANKLYN VAIL, B.S., M.S., 1962, 1964

###### *In Agricultural Economics*

- CLARENCE APPLING REED, B.S., University of Florida, 1964; M.S., 1966

###### *In Agricultural Engineering*

- WILLIAM HOWARD DUNLAP, B.S.Agr.E., M.S., Auburn University, 1962, 1965

###### *In Agronomy*

- CHAO-NANG CHENG, B.Sc., M.S., National Taiwan University, 1962, 1965  
 JOHN BYRON EDMONDSON, B.S.A., Purdue University, 1964; M.S., 1966  
 CHARLES JOSEPH FRAZEE, B.S., Western Illinois University, 1962; M.S., 1964  
 JAMES SAMUEL ROGERS, B.S.A.E., M.S., University of Georgia, 1955, 1962  
 CHHIDDA SINGH, B.Sc.(Hons.), Uttar Pradesh Agricultural University, 1963; M.S., 1965

###### *In Animal Science*

- SATYA PALL ARORA, B.V.Sc., Punjab University, 1950; M.S., 1967  
 TILAK RAJ BATRA, B.V.Sc., University of Jabalpur, 1959; M.V.Sc., Agra University, 1961; M.S., University of Hawaii, 1966  
 STEVEN LEWIS DAVIS, B.S., M.S., University of Idaho, 1964, 1966  
 MYLES RATH, B.Agr.Sc., M.Agr.Sc., National University of Ireland, 1963, 1965

*In Anthropology*

GEORGE LEON HICKS, JR., B.A., Florida State University, 1960; M.A., University of California, 1961

*In Astronomy*

MICHAEL EDWARD CAHILL, B.S., Manhattan College, 1964; M.S., 1966

*In Biology*

MICHAEL ALAN BLEYMAN, A.B., Brooklyn College, 1959; A.M., Indiana University, 1964

*In Biophysics*

FREDERICK YI-TUNG CHO, B.S., University of California at Los Angeles, 1962; M.S., 1963

HOWARD HARRISON ROTHMAN, B.S., City College of New York, 1961; M.S., 1964

*In Business*

HAMDY FOUAD ALY, B.Com., Cairo University, 1960; M.S., 1964

*In Ceramic Engineering*

LARRY LEE FEHRENBACHER, B.S., M.S., 1961, 1962

GARY GLENN PAULSON, B.S., 1961; M.S., Mississippi State University, 1963

RAO RAMAMOohana TUMMALA, B.Sc., Andhra University, 1961; B.E., Indian Institute of Science, 1963; M.Sc. (Eng.), Queen's University, 1965

*In Chemical Engineering*

JOHN RICHARD KRASKA, B.S., University of Minnesota, 1964; M.S., 1966

*In Chemical Physics*

RONALD STAFFORD SCOTT, B.A., Swarthmore College, 1963; M.S., 1965

*In Chemistry*

FRITZ SCHREYER ALLEN, B.Chem., University of Minnesota, 1964; M.S., 1967

MARY LILLIAN ATTERMAYER, B.S., College of St. Francis, 1962; M.S., 1965

STEVEN ARNOLD DOMBCHIK, B.S., University of Rochester, 1964; M.S., 1966

MICHAEL LEON FRANKLIN, A.B., Indiana University, 1964; M.S., 1966

THOMAS TAO-SHING HUANG, B.S., National Taiwan University, 1961; M.A., East Tennessee State University, 1964

ADELINA CABATINGAN JAVIER, B.S., University of Santo Tomas, 1959; M.S., 1966

MANLEY RODERICK JOHNSTON, B.Sc., University of Alberta, 1964; M.S., 1966

ELIZABETH MCLEISTER MONROE, B.S., Bucknell University, 1962; M.S., 1964

WILLIAM JOHN RANDALL, B.S., Willamette University, 1960; M.S., 1963

FREDERICK KEITH ROSS, B.A., Western Washington State College, 1964; M.S., 1966

ROBERT JOHN SCHACHT, A.B., University of Rochester, 1964; M.S., 1966

GERALD EUGENE SIPES, A.B., Indiana Central College, 1961; M.S., 1963

ROGER LEE TANNER, B.S., Pennsylvania State University, 1964

PAUL KENNETH WARME, B.Chem., University of Minnesota, 1964

*In Civil Engineering*

EDWIN GORDON BURDETTE, B.S.E., M.S., University of Tennessee, 1957, 1961

ALEJANDRO ECHEVERRIA GOMEZ, C.E., University of Chile, 1961; M.S., 1962

JOHN CLARK GALLOWAY, B.S., Tufts University, 1959; M.S., 1963

GUY EARLSCORT JESTER, B.S., United States Military Academy, 1951; M.S., 1958

MOHAMED OSAMA LABIB KHALIFA, B.C.E., Cairo University, 1961; M.S., University of Maryland, 1966

*In Communications*

BOB CARRELL, JR., B.S., M.S., East Texas State University, 1958, 1959

MARIA CLEOFE MARTINEZ KUHONTA, B.Litt., University of Santo Tomas, 1953; M.S., 1966

JOHN EDWARD LIMBER, B.S., 1962

*In Comparative Literature*

SONDRA ROSENBERG, A.B., Brooklyn College, 1957; A.M., Auburn University, 1963

*In Dairy Science*

- CHARLES ROBERT BURKE, A.B., Cornell University, 1964; M.A., Colgate University, 1965  
ROY DONALD GENSKOW, B.S., Iowa State University, 1950; M.S., Northern Illinois University, 1965  
HARRY GEORGE MARKOS, B.S., Utah State University, 1963; M.S., 1966

*In Economics*

- ROBERT EUGENE ANKLI, A.B., A.M., University of Michigan, 1963, 1964  
LAWRENCE ARTHUR RUPLEY, B.A., Manchester College, 1962; A.M., 1963  
PHILIP LEE SWAN, A.B., Bowdoin College, 1964; A.M., 1967

*In Education*

- OLIVER ROBERT BROWN, JR., A.B., Oberlin College, 1959; A.M., 1961  
ROBERT JAMES KANSKY, B.S., Florida State University, 1959; A.M., 1962  
DANIEL EDWARD KILEY, B.A., St. Ambrose College, 1964; Ed.M., 1966  
MARJORIE LOUISE LEWIS, A.B., A.M., State University of Iowa, 1946, 1948  
GUDELIA ABARCAR McMURRAY, B.S.Ed., University of the Philippines, 1948; B.Ed. (Hons.), University of Melbourne, 1952; Ed.M., 1955  
MILO CHARLES PIERCE, B.A., Michigan State University, 1958; A.M., 1964  
PHILIP JAMES SCHMITT, B.S., University of Wisconsin (Milwaukee), 1954; M.A., Northwestern University, 1960  
JAMES WILLIAM TAWNEY, A.B., A.M., Colorado State College, 1960, 1961  
IAN EDWARD WICKRAMASEKERA, B.A., Friends University, 1961; M.A., Roosevelt University, 1966  
RICHARD EDGAR WOLFE, A.B., Gettysburg College, 1954; M.S., 1962

*In Electrical Engineering*

- LALIT RAI BAHL, B.Tech., Indian Institute of Technology (Kharagpur), 1964; M.S., 1966  
AMOS JUNIOR CHENOWETH, B.S., M.S., 1964, 1965  
CHARLES SHIH-TUNG LIANG, B.S., 1962; S.M., Harvard University, 1963  
JOHN ALLEN ROBERTSON, B.S., M.S., 1965, 1967  
WILLIAM GEORGE STEINER, B.S., M.S., 1964, 1965  
KENNETH KAI MING TZENG, B.S., National Taiwan University, 1959; M.S., 1962  
LEOPOLDO DY YAU, B.S.E.E., University of San Carlos, 1962; M.S.E.E., University of Minnesota, 1965

*In English*

- ROBERT PURKS MACCUBBIN, B.A., Johns Hopkins University, 1961; A.M., 1963  
WILLIAM VAUGHN MILLER, A.B., William Jewell College, 1955; M.A., Northwestern University, 1958  
HENRY WARD SWINSON, A.B., Northwestern University, 1962; A.M., 1963  
JEAN FAGAN YELLIN, B.A., Roosevelt University, 1951; A.M., 1963

*In Entomology*

- ROBERT THOMAS ALLEN, B.S., M.S., Louisiana State University (Baton Rouge), 1962, 1964  
ROBERT LELAND BENSON, B.A., Pomona College, 1963

*In Food Science*

- JON ROBERT ANFENSEN, B.S., 1962  
EDWARD EPSTEIN, B.S., M.S., 1964, 1967  
DEMETRI LOUIS PREONAS, B.S., Florida State University, 1964; M.S., 1967  
LAWRENCE THOMAS SENNELLO, B.S., 1959  
LARRY RALPH WANTLAND, B.S., 1963

*In French*

- JAMES PARKER MALL, B.A., University of Kansas, 1960; M.A., University of Massachusetts, 1963

*In Geology*

- PAUL RICE BOYER, B.S., Allegheny College, 1963; M.S., 1965

GERALD VERNON HENDERSON, B.S., M.S., Brigham Young University, 1957, 1958  
 WILLIAM GORDON NORTH, B.A., Carleton College, 1963; M.S., 1965

*In History*

GARY ALLEN CRUMP, A.B., B.S.Ed., Northeast Missouri State Teachers College, 1964, 1964; A.M., 1966  
 GEORGE CULLOM DAVIS, JR., A.B., Princeton University, 1957; A.M., 1961  
 JOHN THOMAS HUBBELL, B.A., Northeastern State College (Oklahoma), 1959; M.A., University of Oklahoma, 1961  
 EDMUND EMMETT LACY, B.A., Baylor University, 1952; B.D., Th.D., Southwestern Baptist Theological Seminary, 1955, 1960; M.A., Lamar State College of Technology, 1965

*In Linguistics*

JERROLD MURRAY SADOCK, B.S., A.M., 1965, 1966

*In Marketing*

KENT LINCOLN GRANZIN, B.S., United States Naval Academy, 1958; M.B.A., 1964

*In Mathematics*

KENNETH DAVID SHERE, B.S., M.S., 1964, 1966  
 MILDRED LUZADER STANCL, A.B., Marietta College, 1949; A.M., 1962

*In Mechanical Engineering*

ROBERT EUGENE EILERS, B.S., M.S., 1961, 1963  
 OMAR ELHADJI RAMADAN, B.M.E., Cairo University, 1959; M.M.E., University of Delaware, 1966

*In Metallurgical Engineering*

LAWRENCE JOHN GRAY, B.S., Loyola University, 1960; M.A., Southern Illinois University, 1962  
 ALBERT GUSTAV JORDAN, B.S.Met.E., Purdue University, 1962; M.S., 1963

*In Microbiology*

ELIZABETH FLEMING ALLEN, B.A., University of Connecticut, 1964; M.S., 1966  
 FRANCES MARION COWLING, B.S., Illinois State University, 1962; M.S., 1967  
 RICHARD HARRY HASCHKE, B.A., University of Texas, 1965; M.S., 1967  
 SALLIE ROBINSON O'NEIL, B.S., St. Bonaventure University, 1964; M.S., 1966  
 BERNADETTE KNUE PACE, B.S., Indiana State University, 1965; M.S., 1967  
 CHARLES WALTER ROTH, B.S., Purdue University, 1964; M.S., 1966

*In Nuclear Engineering*

ALI FAHMY IBRAHIM EL-SAIEDI, B.M.E., Cairo University, 1957; M.Sc., University of Birmingham, 1961  
 ROBERT WARREN ROUSSIN, B.S., University of Missouri at Rolla, 1962; M.S., 1964

*In Nutritional Sciences*

GLEN MARSHALL FINDLAY, B.S.A.(Hons.), M.Sc., University of Manitoba, 1963, 1964  
 MARY JACOB, B.Sc., M.Sc., University of Madras, 1953, 1958; M.Sc., University of London, 1963

*In Physical Education*

DANIEL MACARTHUR LANDERS, B.A., San Jose State College, 1963; M.S., 1965  
 ROGER WAYNE SEEHAFFER, B.S., George Williams College, 1963; M.S., 1966

*In Physics*

ROBERT ZELMAN BACHRACH, S.B., Massachusetts Institute of Technology, 1964; M.S., 1966  
 DWIGHT DEXTER COOK, S.B., Massachusetts Institute of Technology, 1963; M.S., 1965  
 EDWARD KEVIN CORNELL, A.B., Swarthmore College, 1963; M.S., 1965  
 ROBERT EUGENE HETRICK, B.S., M.S., 1963, 1964  
 DAVID MICHAEL JASNOW, A.B., Cornell University, 1964; M.S., 1965

GREGORY MULTIADIS PAPAIOANNOU, Dipl., National University of Athens (Greece), 1956

ELTON DUANE SCHAFER, B.S., South Dakota State University, 1961; M.S., 1962

ROBERT OTTO SCHWENKER, B.S., University of Missouri at Rolla, 1963; M.S., 1964

ALEXANDER SHAPIRO, B.Sc., McGill University, 1961; M.S., 1963

JOHN WILLIAM STAPLES, A.B., Wabash College, 1962; M.S., 1964

RICHARD DAVID STUTZKE, B.S., Purdue University, 1963; M.S., 1965

BERNARD TERREAULT, B.Sc., M.Sc., Université de Montréal, 1960, 1962

*In Physiology*

THOMAS RICHARD ANDERSON, B.S., A.M., California State College at Long Beach, 1960, 1964

WILLIAM READE KEM, B.A., Swarthmore College, 1963; M.S., 1965

STEPHEN LEE KIMZEY, B.A., M.A., Rice University, 1963, 1965

GARY PHILIP MOBERG, B.A., Monmouth College, 1963; M.S., 1965

CHARLES HENRY PAGE, B.S., Allegheny College, 1963; M.S., 1966

ELMER LEE TYREY, B.S., M.S., 1963, 1964

BILL ALVIN WILLIAMS, A.B., University of California, 1963; M.S., 1965

*In Plant Pathology*

DUDLEY ST. ALOYSIUS CHIN, B.Sc., M.Sc., McGill University, 1963, 1964

ISLAM AHMED SIDDIQUI, B.Sc., Uttar Pradesh Agricultural University, 1964; M.S., 1966

*In Political Science*

ROBERT STAFFORD BYARS, A.B., University of Arizona, 1963; A.M., 1965

EDWARD STANLEY MALECKI, JR., A.B., J.D., A.M., 1961, 1963, 1965

*In Psychology*

THOMAS STEPHEN GREENSPON, B.A., Yale University, 1963; A.M., 1967

LOWELL DEAN GRONINGER, A.B., A.M., 1963, 1966

ROBIN WHITLOCK PRATT, A.B., William Jewell College, 1961; A.M., 1964

FRANK WESLEY SNYDER, B.S., Colorado State University, 1964

LOYAL CONRAD WETZEL, B.A., Manchester College, 1958; A.M., 1965

SUSAN CLARK WOOLEY, A.B., Antioch College, 1964

*In Sociology*

CARL JAMES SLAWSKI, B.A., University of Southern California, 1964; M.A., University of California (Santa Barbara), 1966

*In Spanish*

GERMÁN DARÍO CARRILLO SARMIENTO, Licenciado, Universidad Pedagógica de Colombia, 1960; A.M., 1964

*In Speech*

GEORGE DAVID GLENN, A.B., Shimer College, 1961; M.A., Northern Illinois University, 1964

RICHARD LOUIS GREEN, B.A., University of Arkansas, 1961; M.F.A., University of Texas, 1963

JOSEPH ANTHONY ILARDO, B.A., St. John's University, 1965; M.A., Queens College, 1966

*In Theoretical and Applied Mechanics*

JAMES MELVILLE KENNEDY, B.S.M.E., Bradley University, 1964; M.S., 1965

RONALD WILLIAM LANDGRAF, B.S.Met.E., Carnegie Institute of Technology, 1961; M.S., 1966

WAI-CHEONG SO, B.Eng., M.Eng., McGill University, 1961, 1963

*In Veterinary Medical Science*

KENNETH RICHARD BOYD, B.S., Denison University, 1960; M.S., 1965

JOHN OTIS DICKINSON, B.S.(Agr.), B.S.(V.M.), D.V.M., M.S., 1948, 1961, 1963, 1965

RALPH KENT HERMSMEYER, A.B., M.S., 1964, 1966

JOHN PAUL ROSBOROUGH, B.S., M.S., B.S.(V.M.), D.V.M., 1951, 1953, 1954, 1956

*In Zoology*

ROBERT MILTON SWEENEY, B.S., St. Joseph's College (Indiana), 1963; M.S., 1965

**Degree of Doctor of Education***In Education*

IRVIN ESTER ASHLEY, JR., B.S.A., M.Ed., University of Arkansas, 1960, 1966

SHELDON EISENBERG, A.B., University of Rochester, 1964; M.A., Southern Illinois University, 1966

DAVID ALAN ERLANDSON, A.B., Wheaton College, 1956; M.S., Northern Illinois University, 1962

ARTHUR HASBARGEN, JR., B.S.Ed., Northern Illinois University, 1949; M.A., Michigan State College, 1950

GIRVIN EATON KIRK, B.S.Ed., Temple University, 1958; M.A., Columbia University, 1963

CHARLES EUGENE MADER, B.M.E., M.Ed., University of Kansas, 1957, 1962

BYRON MERRICK SHINN, JR., B.S., George Williams College, 1955; M.Ed., Trinity University, 1958

HENRY GEORGE TIMKO, B.S., Pennsylvania State College (Kutztown), 1962; A.M., 1965

KEITH COOLIDGE WEESE, A.B., San Diego State College, 1951; M.A., DePaul University, 1962

*In Music Education*

ROBERT VIRGIL SIBBING, B.M., M.A., State University of Iowa, 1951, 1953

**Degree of Doctor of Musical Arts**

WENDELL CLARKE KUMLIEN, B.A., Hamline University, 1950; M.A., University of Minnesota, 1956

**Degree of Master of Arts***In Anthropology*

JAMES BERNARD BALTAXE, B.A., City College of New York, 1965

CATHERINE MARY KEY, B.S., 1954

RICHARD ALAN LOWENTHAL, B.A., City College of New York, 1965

*In Art Education*

BARBARA SLOAN GOODMAN, B.F.A., 1966

*In Art History*

CAROL ANN GORTAT, A.B., Wayne State University, 1964

THOMAS CANDOR TRITSCHLER, A.B., Brown University, 1954; J.D., University of Chicago, 1959

*In Comparative Literature*

NANCY PEARL GOODWIN, B.A., Mississippi State University, 1967

YUTORIO CLAUDE HORI, B.A., University of California (Los Angeles), 1967

JUDITH KAY MARRS, A.B., Oberlin College, 1966; B.S., College of St. Francis, 1967

CHRISTINA EILEEN THALENBERG, B.A., McGill University, 1967

*In Economics*

ROBERT CARL BAUSCHKE, B.A., Wartburg College, 1966

JOHNNIE MAE COCHRAN, B.A., Rust College, 1966

OVID LISBERG HARRIS, B.A., University of Southern California, 1967

JOHN FREDERICK HURLEY, B.A., Jackson State College, 1967

CARLTON DON JOHNSON, JR., B.S., Kent State University, 1964

DARWIN GENE JOHNSON, A.B., Knox College, 1965

BRIAN LEE KASTMAN, B.B.A., University of Wisconsin, 1967

HAENG JA SCHOLASTICA KIM, B.A., Sogang Jesuit College, 1966

BRUCE JOSEPH SUMMERS, B.A., University of Notre Dame, 1967

GERALD JOHN SWANSON, B.S., 1963

*In Education*

- MARGARET HELENE COONEY, B.A., St. Mary's College (Indiana), 1967  
JAMES MICHAEL ROYER, B.A., Chico State College, 1967  
DANIEL WILLIAM STUEMPF, B.A., Concordia Senior College, 1963; B.D., Concordia Seminary, 1967  
GRAEME HENRY WATTS, B.A., University of Sydney, 1966

*In English*

- CAROL BRUSILOFF BARNETT, B.S.B.A., Ohio State University, 1958  
CHARLOTTE ROBERTS BRUCE, A.B., 1966  
ELLEN JANE DUBACH, B.S., Northwestern University, 1966  
BETTY BAILEY HOCKETT, B.A., Ohio State University, 1967  
GLORIA WHITEMAN JONES, A.B., Greenville College, 1964  
ELDON MILTON KNOCH, B.A., Blackburn College, 1962  
ELLEN CAREY NOWICKI, B.A., St. Xavier College, 1967  
MARILYN FRANCES MCCONNELL PATRICK, B.A., Ohio Wesleyan University, 1966  
RICHARD NOLAND RAMSEY, B.S., University of Wisconsin, 1964  
MARTHA FRANCES RICKMAN, B.A., Murray State College, 1965  
CYNTHIA CHARLOTTE STEVENS, A.B., 1965  
SANDRA FELD SWAIN, A.B., 1964  
DAVID PAUL THROOP, A.B., 1968

*In French*

- ELIZABETH GAGE DOWNS, B.A., Millikin University, 1964  
VIVIEN CECILY GROSS, B.A., Northwestern University, 1964  
MARIE-LOUISE KAO, B.A., Nazareth College, 1967  
AMY LOUISA VANDERLYN, A.B., University of Michigan, 1964

*In History*

- JANIS BIEROD ALLEN, B.A., Evansville College, 1967  
JAMES WALKER BENTON, B.M., M.M.Ed., North Texas State University, 1954, 1956  
DONALD MARK CHRISTENSEN, B.A., Brigham Young University, 1966  
EUGENE ANTHONY COSTA, JR., A.B., Harvard College, 1965  
DENNIS RUDOLPH JACOBSEN, B.A., University of Minnesota, 1963  
GEORGE ELIAS KONTANIS, B.A., Drake University, 1966  
RICHARD LEE KOTLER, A.B., Rutgers, The State University, 1967  
PATRICIA LEE LALLY, B.A., Southern Illinois University, 1962  
ANDREW THOMAS SOUTHAM, B.A., Baldwin-Wallace College, 1967  
DANNY LEE STENGLEIN, B.A., Michigan State University, 1965  
NORMAN EDWARD SWARD, B.A., Arkansas State College, 1967

*In Labor and Industrial Relations*

- ARCHIBALD HILARIOUS BENSON, B.A., LL.B., M.A., University of Allahabad, 1946, 1949, 1950; M.S., Syracuse University, 1957  
JERRY BRILLER, B.A., City University of New York, 1967  
RICHARD HAROLD BROWN, JR., B.S., Cornell University, 1965  
KENNETH JOSEPH BURATTI, B.A., St. Francis College, 1967  
VERGESE JOHN CHIRAYATH, B.S., University of Scranton, 1966  
JOHN WILLIAM COFFEY, B.A., Creighton University, 1966  
THEODORE NORMAN GERBER, B.S., State University of New York (Albany), 1967  
DAVID BERNARD GOTTLIEB, B.A., New York University, 1967  
LEONARD JOEL GUEDALIA, A.B., University of Cincinnati, 1967  
THOMAS CARMELO GUZZO, B.A., Loras College, 1967  
LEE HARTSHORNE LYBARGER, B.A., College of Wooster, 1956; M.Sc., Western Reserve University, 1962  
NOBUKO NAKAHARA MATSUBARA, B.A., University of Tokyo, 1964  
DAVID CHRISTIAN MCCLENAHAN, A.B., 1967  
KENNETH NASH, B.A., Brooklyn College, 1966  
ENG FONG PANG, B.A., University of Singapore, 1967  
GARY WILLIAM SINGLETON, B.S., 1967  
GERALD SAMUEL SWARTZ, B.A., University of Toronto, 1963



*In Latin*

CHARLES SCOTT HAMEL, B.A., University of the South, 1960  
MILLCENT MARY HLAVAC, A.B., 1967

*In Linguistics*

MILTON EUGENE BARKER, A.B., 1957  
PULAVARTHI SATYANARAYANA, B.A., Andhra University, 1964; M.A., Agra University, 1966

*In Mathematics*

DONNA BETH REISLER BANK, B.S., 1966  
RONALD ALAN FINTUSHEL, A.B., Columbia University, 1967  
FRANK GOLF, JR., B.A., Lewis College, 1967  
JUDITH CELELLO GUSTAFSON, B.A., Albertus Magnus College, 1964  
WILLIAM FRANCIS KEIGHER, B.A., Montclair State College, 1967  
JANET TRZCINSKI MCKENNA, B.A., Nazareth College of Rochester, 1967  
JAY IAN MILLER, A.B., University of Pennsylvania, 1966  
PETER PAUL PEKAR, JR., B.Ed., Chicago State College, 1964; M.S., 1965  
JUDITH ANN PENNA, B.S., Kansas State University, 1967  
ELSBETH MONIKA RUEBCKE, B.A., Ball State University, 1967  
JOHN MICHAEL VASAK, B.A., Doane College, 1967

*In Philosophy*

RICHARD WAYNE EGGERMAN, B.A., Baylor University, 1967  
EDWARD DARCY HARTER, A.B., San Diego State College, 1967  
MARTIN PERLMUTTER, B.A., City University of New York, 1964

*In Political Science*

THOMAS EDWARD EIMERMANN, B.A., North Central College, 1967  
JAMES TERENCE HAVEL, A.B., Eastern Michigan University, 1964  
VIRGINIA HOWE JONES, A.B., University of Minnesota, 1962  
MERLE EDWARD LYPE, B.S., Ed.M., 1963, 1964  
LAWRENCE DAVID MANKIN, B.B.A., City University of New York, 1967  
ELAINE PATTERSON MILLS, A.B., Indiana University, 1965  
DAVID WILLIAM NEUBAUER, A.B., Augustana College, 1966  
MICHAEL ALAN QUINN, B.A., University of Delaware, 1967  
MARTIN BOOTH TRACY, B.A., Murray State College, 1965  
YONG SOON YIM, B.Pol.Sci., Sung Kyun Kwan University, 1965

*In Portuguese*

GERALD DRELLER, B.A., Trinity College, 1961

*In Psychology*

MARGARET CREASER BLACKBURN, A.B., Bucknell University, 1965  
JUDY ANN MCARDLE BREITMEYER, B.S., 1966  
LEE GORDON COOPER, A.B., University of California, 1966  
RICHARD WADE CRAVENS, B.A., Indiana Central College, 1966  
DAVID WARREN DOTY, A.B., Grinnell College, 1966  
ELINOR CAROL MACPHERSON, A.B., Stanford University, 1964  
LARAINÉ MASTERS, A.B., Mount Holyoke College, 1964  
SYDNEY BALDWIN MOBERG, A.B., Ohio University, 1965

*In Social Sciences*

THAN LWIN, B.S., Eastern Illinois University, 1964  
LOUISE YU-JUNG WANG, B.A., National Taiwan University, 1966

*In Sociology*

DONALD ANDREW CONOVER, A.B., University of Michigan, 1965  
DOROTHY BROOM DARROCH, B.A., Carleton College, 1966  
ROBERT EUGENE FORD, B.A., Niagara University, 1965  
RICHARD LOOMIS HOUGH, B.A., Texas Christian University, 1959; B.D., Iliff School of Theology, 1964

ROBERT JOSEPH KAPTURE, A.B., University of Detroit, 1963  
NEIL JOSEPH MACKINNON, B.A., University of Windsor, 1967  
CURTIS JAMES METTLIN, B.A., University of Iowa, 1967  
NEAL ELWOOD SHOVER, B.S., Ohio State University, 1963  
ROSEMARY JILL WEARING, B.A., University of Adelaide, 1966

*In Spanish*

KAREN THERESA HICKEY, A.B., Villa Madonna College, 1967  
CATHY JUNE MILLER, B.A., Cornell College, 1967  
ANTHONY PERRONE, A.B., Assumption College, 1967  
JOAN DAVIES SOLAUN, B.A., University of Pennsylvania, 1958

*In Speech*

CARLA ANN ALLEN, B.A., Memphis State University, 1967  
JAMES DAVID AMERMAN, A.B., University of Nebraska, 1966  
GRETCHEN CORNWELL BISPLINGHOFF, A.B., 1965  
JANET LEE COFFEY, B.A., Creighton University, 1967  
CHRISTINE MARIE FRIEDERICH, B.A., Marietta College, 1967  
MADELINE MARIE KEAVENEY, B.A., Boston College, 1967

*In the Teaching of English*

ROSANNE KAMIN DE JESUS, B.S., University of Wisconsin, 1963  
MARGARET WHITE MESSAL, A.B., Asbury College, 1961  
MARY ELLEN PHOTIADES, B.A., Miami University, 1965

*In the Teaching of English as a Second Language*

EIICHI KATSUNO, B.A., Aoyama Gakuin University, 1956  
HARUMI NAKAMURA, B.A., Okina University, 1965

*In the Teaching of Social Studies*

ALICE DZEN GROSS, B.A., City University of New York, 1961  
MARY KAY INGRAM, B.S., Eastern Illinois University, 1965

*In Theatre*

JACK RANDOLPH GELLMAN, A.B., 1967

**Degree of Master of Science**

*In Advertising*

ROBERT MICHAEL ANSERVITZ, B.A., University of Pittsburgh, 1967  
DELBERT THEODORE DAHL, B.S., 1962  
MARGIE RUTH EARNEST, B.S., Louisiana State University and Agricultural and  
Mechanical College, 1964  
JAMES LOWELL PRICE, B.S., Ferris State College, 1966  
CLIFFORD WAYNE SCHERER, B.S., 1964

*In Aeronautical and Astronautical Engineering*

JOHN RUSSELL BILLER, B.S., Drexel Institute of Technology, 1966  
CHARLES EARL FRENCH, B.S., 1967

*In Agricultural Economics*

RONALD DALE MAYBERRY, B.S., 1967  
JOHN KIRBY RUTLEDGE, B.S., 1967  
DONALD THOMAS WADDINGTON, B.S., Ohio State University, 1966

*In Agricultural Engineering*

ARTHUR ALLEN AMBERG, B.S., Cornell University, 1967

*In Agronomy*

JAMES BENNETT CROPPER, B.S., Wisconsin State University, 1967  
GEORGE HUNTLY LORIMER, B.S., University of St. Andrews (Scotland), 1965  
GEORGE LOUIS PALMER, B.S., 1967

ARJUN SINGH, B.S., Uttar Pradesh Agricultural University, 1964  
CHIRAPORN PREMYOTIN SRIPLAKICH, B.Sc., Chulalongkorn University, 1964

*In Animal Science*

WARREN WILLIAM CLAUSING, B.S., 1967  
KENNETH ORVILLE NIMRICK, B.S., 1967  
THOMAS JOHN REIMERS, B.S., University of Nebraska, 1967

*In Architectural Engineering*

DANIEL MARTIN DUNCAN, B.Arch., 1967  
JAMES JOHN FILLIUNG, B.Arch., 1967  
DAVID ISRAEL MANGURTEN, B.Arch., 1967  
ALLEN CLARK SHELDON, Jr., B.Arch., 1968

*In Astronomy*

JOSEPH JEAN CHARLES DEGIOANNI, B.Sc., McGill University, 1967

*In Botany*

JANE LIH LIU, B.S., National Taiwan University, 1965

*In Ceramic Engineering*

RAYMOND LEO MANYIK, B.S., 1964

*In Chemical Engineering*

LARRY DEAN ECKELMAN, B.S.Ch.E., Purdue University, 1966  
DAN LAKE FANSELOW, B.S., University of Wisconsin, 1967  
CURTIS WOODROW FRANK, B.C.E., University of Minnesota, 1967  
CHI-HUNG LIN, B.Sc., National Taiwan University, 1965  
JOSEPH PAUL MATULA, B.Ch.E., University of Minnesota, 1967  
THOMAS CARL READAL, B.S., University of Pittsburgh, 1967  
LARRY GENE SCHORNACK, B.S.E., University of Michigan, 1966  
JOHN JOSEPH SHERIDAN, B.E., Stevens Institute of Technology, 1967

*In Chemistry*

ROGER ALYN ASSINK, B.S., Michigan State University, 1967  
JOSEPH JORDAN BROOKS, B.S., University of Louisville, 1967  
JOHN B. CALLEN, B.S., University of Michigan, 1967  
JO ANN KENNY FRANK, B.Ch., University of Minnesota, 1967  
CHEN-HSUAN HSU, B.Sc., Taiwan Normal University, 1966  
KWO-TSAIR HUANG, B.S., National Taiwan University, 1966  
ROBERT HOLLIS KERR, B.S., Virginia Military Institute, 1967  
PATRICIA MAN-FU LAYE, A.B., Augustana College, 1967  
ANTHONY HSIU-SHUN LEE, B.S., National Taiwan University, 1966  
YING-WEI LIN, B.S., National Taiwan University, 1963  
NELSON BOYD O'BRYAN, Jr., B.S., Clemson University, 1967  
THOMAS EDWARD POHLEN, B.S., University of Iowa, 1967  
LINDA SCIPPER PRICE, B.S., Mississippi State University, 1967  
LAUREL LEA REZEAU, B.S., Michigan State University, 1967  
GORDON DUANE SPROUL, B.S., Harvey Mudd College, 1966  
JAMES LOCKHART STEWART, B.S., University of California (Los Angeles), 1967  
MARC WALTER, B.S., Drexel Institute of Technology, 1966  
JOHN HUANG-SHANG WANG, B.S., National Taiwan University, 1966

*In Civil Engineering*

YANYONG BOON-LONG, B.S., Cornell University, 1967  
GIANCARLO CERIANI, Laurea, Università Degli Studi Di Milano, 1964  
CHUN-HSIUNG CHANG, B.S., 1966  
YUK-ON CHIN, B.S., National Taiwan University, 1966  
VICTOR CARL CORSETTI, B.S., 1967  
NICOLAS ELIAS DIB DAVID, Ing.Civ., Universidad Nacional, 1967  
GABRIEL ESTRADA-URIBE, Ing.Civ., Pontificia Universidad Javeriana, 1967  
DAVID FRESKO, B.S., Robert College, 1967  
JAMES MYRON FRY, B.S., University of Detroit, 1964

FRED LOUIS GAU, B.S., 1967  
 ALAN LEE GILBRONSON, B.S., 1968  
 ALVARO JOSÉ HERNANDEZ-FACCINI, Ing.Civ., Universidad del Zulia, 1958  
 WILLIAM JACKSON HUFF, B.S.E., Arizona State University, 1960  
 RICHARD BYRON JACKSON, B.S., University of Missouri (Rolla), 1968  
 JAMES JOHN JOHNSON, B.C.E., University of Minnesota, 1967  
 ROBERT STEPHEN JUNKROWSKI, B.S., 1967  
 HOSSEIN KHAHSARY, Eng., Tehran University, 1963  
 MICHEL KHOURY, B.Sc.A., University of Laval, 1967  
 MICHAEL MASARU KIMURA, B.S., University of Hawaii, 1959  
 JOHN KONTOUDAKIS, B.S., 1967  
 RUSSELL HAYS MATSON III, B.S.C.E., Washington University, 1967  
 THOMAS JOSEPH MOON, B.C.E., Marquette University, 1967  
 SHUNSUKE OTANI, B.E., University of Tokyo, 1966  
 LARRY ALLEN PFLEDERER, B.S., 1967  
 JAMES PATRICK PITZ, B.C.E., Marquette University, 1967  
 SAAD RASHID, B.E., University of Karachi, 1966  
 DAVID MAHER REMPE, B.C.E., Cornell University, 1960  
 JOHN ALLEN RUHL, B.S.C.E., Bucknell University, 1967  
 WAYNE ALLEN STATLER, B.S.C.E., Drexel Institute of Technology, 1967  
 VIRANOND WONGPAITON, B.E.(Hons.), Chulalongkorn University, 1967

*In Computer Science*

ALAN JAMES BEALS, B.S., 1967  
 PAUL PETER BUDNIK, JR., B.S., 1967  
 CARL FRANKLIN DILL, JR., B.A., Northwestern University, 1967  
 CHRISTOS GEORGE GEORGIOU, Dipl., University of Athens, 1964  
 MAREK PAWEŁ IRWIN-ZARECKI, Warsaw University  
 TSO-KAI LIU, B.S., National Taiwan University, 1966  
 YOICHI MURAOKA, B.Eng., Waseda University, 1965  
 HAROLD ROBERT GEORGE TROUT, B.Sc., Victoria University of Wellington, 1966  
 JAY MERRILL TUMMELSON, B.S., 1967  
 ROBERT BERNARD WILHELMSON, B.S., Wheaton College, 1966

*In Dairy Science*

RONALD MELVIN WENDLANDT, B.S., Wisconsin State University (River Falls), 1966  
 RONALD CLARENCE WESTER, A.B., Clark University, 1962  
 MELVIN TAKESHI YOKOYAMA, B.S., University of Hawaii, 1966

*In Education*

DOROTHY KEMBER FRANKS, B.S., 1944  
 KAREN ANN RUESCH HOPPENS, B.S., University of Wisconsin (Milwaukee), 1964

*In Electrical Engineering*

KENNETH OWEN BISS, B.S., 1967  
 HING CHUN CHAN, B.S., 1966  
 SAN CHI CHUNG, B.S., 1967  
 ROBERT CHARLES CONDON, B.S., 1968  
 ROBERT JAMES DUCAR, B.E.E., University of Detroit, 1967  
 WALTER FREDRIC GOEDE, B.S., 1967  
 WALTER LEE HEIMERDINGER, B.S., 1960  
 RICARDO L. JIMENEZ, B.S., 1967  
 JACK KAIL, B.S., 1968  
 JERRY ALBERT KASTNING, B.S., 1967  
 ANTHONY THOMAS MAHER, B.S., 1968  
 WILLIAM JAMES MICHELETTI, B.S., 1967  
 RUSSELL ANTHONY PANDINA, B.S., Oklahoma State University, 1967  
 LAWRENCE MARC PAUL, B.S.E.E., University of Maryland, 1967  
 CHARLES RAYMOND PIRNAT, B.S., 1966  
 DONALD JOHN POWERS, B.S., 1963  
 OWEN GEORGE REILLY, B.S., 1967  
 DOUGLAS STUART SAND, B.S.E., Princeton University, 1965  
 JOHN PETER SCHILL, B.S., B.S., 1965, 1965

DAN EUGENE SNYDER, B.S., 1967

SCOTT BELDEN WALLACE, B.A., Denison University, 1962; B.S., 1968

WILLIAM HAROLD WILEY, A.B., B.S., Arizona State University, 1959, 1960

*In Entomology*

TODD LEWIS HARRIS, B.A., Gustavus Adolphus College, 1967

*In Finance*

DAVID ROBERT McLELLAN, B.S., Marquette University, 1968

JOHN JAMES NOWICKI, B.S., 1968

JOHN MITCHELL O'HARE, A.B., 1967

*In Food Science*

WAYNE EDWIN DUDACEK, B.S., 1964

MERLE DEAN PIERSON, B.S., Iowa State College, 1964

SUDHAKAR PUNDLIK SHANBHAG, B.Sc., University of Bombay, 1966

*In Forestry*

ALEC ARTHUR ALBEE, A.B., Michigan State University, 1963

RICHARD PETER MROCZYNSKI, B.S., 1967

WILLIAM CHARLES WARNES, B.S., 1967

*In Geology*

ROSS DEAN BROWER, B.S., Purdue University, 1963

DONALD STANLEY MARSZALEK, B.S., 1961

*In Health Education*

ALLAN ARNOLD RUPNOW, B.S., Wisconsin State University (LaCrosse), 1961

*In Home Economics*

KUO-HOWERE YU CHOU, B.S., National Taiwan University, 1966

JOAN MUSETTE KLEPPINGER, B.S., 1967

LINDA EKISS LEMAR, B.S., 1967

ELFRIEDE ANNA STOCKER, Lehramtprüfung, Pädagogische Hochschule (Munich-Pasing), 1964

PAMELA THOMPSON-CLEWRY, B.Sc., University of Durham, 1961; Dipl., University of London, 1964

*In Horticulture*

MICHAEL DESMOND DAVIES, B.S.(Hons.), University College of North Wales, 1963

*In Journalism*

TERRY PHILLIPS BROWN, A.B., Princeton University, 1965

RICHARD HULL ICEN, B.S., 1959

DIANA HENRY MOORE, B.S., 1964

VICTOR ZACHARIAS NARIVELIL, B.Ph. and L.Ph., B.Th. and L.Th., Pontifical Athenaeum, 1961, 1963; M.A., Loyola University, 1968

*In Library Science*

CAROLE ANN AUGUSTINE, B.S., Southern Illinois University, 1967

GARY LEE BOGART, B.A., Northwestern University, 1964

EVELYN YUK YEE BOOKER, B.A., Pacific Union College, 1955

DORIS THOMAS BRISTOL, B.S., Southern Connecticut State College, 1962

ELIZABETH ANN CONRAD, B.A., Lawrence University, 1965

ELMA FAYE DAVIS FESLER, B.A., Marycrest College, 1964

CATHLEEN COYLA FLANAGAN, A.B., 1967

JUDITH LYNNE GRAHAM, B.A., Lawrence College, 1963

RUTH RAMSTAD HEARD, B.A., University of Texas, 1964

DOLORES JANE HOYT, B.A., Harpur College, 1965

SALLY ANN HRONEK, B.A., Olivet College, 1966

FERNE BEVERLY HYMAN, A.B., University of California (Los Angeles), 1949

EMILY POTTS JOHNSON, A.B., Wheaton College, 1958

HERLEIN MINNIE KING, B.A., Cuttington College, 1966

HELEN ANN KOWALCZYK, B.M., Northwestern University, 1965

LYDIA ANN LUCAS, A.B., University of Missouri, 1967  
LAWRENCE HENRY McGRATH, B.A., Dipl., University of Western Australia, 1957,  
1959; Dipl., University of New South Wales, 1964  
JUDITH ANN McLEVIG, B.A., Rockford College, 1967  
PRISCILLA BERRY SMILEY, B.A., Greenville College, 1967  
CHARLES DAVID WARREN, B.S., University of Tennessee (Martin), 1967  
REBECCA SPRUNGER WETZEL, B.A., Goshen College, 1953  
ROSEMARY ANNE YOUNG, A.B., 1967

*In Management*

ROGER MELVIN PETERSEN, B.S., Illinois College, 1963  
DONALD JAMES TUNKL, B.A., Parsons College, 1966

*In Marketing*

ALEX PARIS BHANOS, B.Com., McGill University, 1957  
JOHN ROBERT GUNNIGLE, B.S., Eastern Illinois University, 1963  
THOMAS PETER HANES, B.S., 1965

*In Mathematics*

EDRISA THALLAY BANGURA, B.Sc.(Hons.), University of Durham, 1966  
EMMANUEL OLOUNFE BART-WILLIAMS, B.A.(Hons.), Fourah Bay College, 1967  
JANICE ELLEN BITTNER, B.S., 1967  
KWAN-SHEI CHEN, B.S., M.S., 1961, 1962  
TSEN CHOW, B.S.E., Taiwan Cheng Kung University, 1965  
ROBERT LEE CURRY, B.A., Bradley University, 1968  
ROLAND FREDRICH ESQUERRA, B.S., University of Arizona, 1967  
WILLIAM HERSCHEL FORD, S.B., Massachusetts Institute of Technology, 1967  
DAVID MASARU FURUTO, B.S., Church College of Hawaii, 1967  
CAROLYN WILSON JOHNSON, B.S., Purdue University, 1966  
MICHAEL LEE KATZ, B.A., University of California (Los Angeles), 1967  
EN JUI LIN, A.B., Asbury College, 1967  
ALICE MARIE NEENAN, B.A., Harpur College, 1967  
MICHAEL THOMAS OVERDECK, B.S., St. Procopius College, 1966  
KEM FORDHAM PHILLIPS, B.S., Carnegie Institute of Technology, 1967  
KATHLEEN WALSH RATLIFF, B.S., Mundelein College, 1966  
HOWARD ALAN SILVER, B.S., 1967  
JOHN DAVID WHITE, B.Sc., Ohio State University, 1962  
GILBERT LAWRENCE WINJE, B.S., University of Washington, 1967

*In Mechanical Engineering*

ROBERT JOHN BITTNER, B.S., 1967  
ROBERT ANGELO COLOMBO, B.S., 1964  
THOMAS PAUL GROSZCZYK, B.S., 1967  
WILLIAM HENRY JOHNSON, B.S., 1960  
JOHN DAVID SALATA, B.S.M.E., Illinois Institute of Technology, 1965  
JOHN JACOB WOLF, JR., B.M.E., Villanova University, 1967

*In Metallurgical Engineering*

HUEI-YANG CHANG, B.S.E., Taiwan Cheng Kung University, 1965  
KAMALODIN BENADKI DANESH, B.S., 1967  
RONALD ARVID JOHNSON, B.S., Lafayette College, 1964  
CARL ANDREW ZEITLER, B.S., 1967

*In Microbiology*

JOAN ANN HARRINGTON, B.S., Guilford College, 1967  
RON W. LEAVITT, B.A., University of California (Riverside), 1967  
THOMAS ALEXANDER McVEIGH, JR., B.A., College of the Holy Cross, 1966  
LINDA ELLEN JANICEK SZITTA, A.B., Monmouth College, 1967

*In Music Education*

JO ANN GERDES, B.S., 1967  
MARILYN REDENIUS KREITNER, B.S., 1966  
STUART HOLMES LANGDON, B.Mus., 1958

LINDA LEIGH LEWIS, B.A., Saint Mary-of-the-Woods College, 1966  
KIRSTEN DOROTHY LIETZ, B.M., Webster College, 1965  
JAMES RUSSELL ODEN, B.A.Ed., Central State College, 1965  
GILBERT JAMES PAPP, B.S., 1959  
MARILYN RUTH MARTIN SAMEH, B.M.E., Bradley University, 1966  
EVA MARIAN WETZ, B.Mus.Ed., Illinois Wesleyan University, 1964

*In Nuclear Engineering*

JAMES ANTHONY BEOLETTO, B.S., University of Notre Dame, 1967  
RICHARD KENT CLARKE, B.S., 1968  
WILLIAM ROYALTY GRAY, B.S., University of Louisville, 1967  
JOHN PAUL GRYMALA, B.M.E., Marquette University, 1968  
RONALD WILFRID VOLL, B.S., Aquinas College, 1967  
CARL JOSEPH WITHEE, B.S., 1968

*In Physical Education*

VERNON LEE CLARK, B.S., Virginia State College, 1967  
GARY WILLIAM EWART, B.A., University of Western Ontario, 1962  
BARBARA ANN TODD, B.S., Eastern Illinois University, 1959

*In Physics*

DAVID JAMES BENARD, B.S., 1968  
LANCE HARRIS BREGER, B.A., Lake Forest College, 1962; M.S., Northwestern University, 1967  
JAMES MICHAEL BURKSTRAND, B.S., Rensselaer Polytechnic Institute, 1967  
ROBERT SLOANE CHAMBERS, B.A., Dartmouth College, 1967  
JIM E. CLEMANS, A.B., 1967  
LARRY EDWIN FRITSCHER, B.S., University of Missouri (Rolla), 1967  
WILLIAM THURSTON GRAY IV, B.A., Williams College, 1962  
MARTIN LEWIS GRISS, B.S., Technion, Israel Institute of Technology, 1968  
ROBERT WOODRUFF HARRIS, A.B., Wheaton College, 1967  
SATOSHI HINATA, B.E., University of Tokyo, 1967  
JOHN ALLEN HOLY, B.S., Case Institute of Technology, 1967  
ROGER LYNN LICHTI, B.Sc., Ottawa University, 1967  
ROBERT ELLIOT LONDON, B.S., Brooklyn College, 1967  
MICHAEL EDWARD MALINOWSKI, S.B., Massachusetts Institute of Technology, 1967  
THOMAS WILLIAM McELFRESH, B.S., University of Kentucky, 1967  
RONALD JARL NELSON, A.B., MacMurray College, 1967  
WALTER MELROSE NUNN, JR., B.S., Tulane University, 1950; M.S., Oklahoma State University, 1952; Ph.D., University of Michigan, 1961  
THOMAS CLAUDE PAULICK, B.S., Purdue University, 1967  
RONALD EDWARD PETERSON, B.S., California Institute of Technology, 1967  
JAMES STEWART PICKETT, B.S., University of Michigan, 1967  
GERALD JAMES PINAS, B.S., 1968  
RUSSELL BARRETT RAUCH, B.A., New York University, 1964  
CLAUS HEINRICH RODE, B.S., 1968  
WILLIAM ANDREW ROTTSCHAEFER, A.B., A.M., Ph.L., S.T.L., St. Louis University, 1957, 1960, 1960, 1966  
JUNJI SAKURAI, B.Sc., Gakushuin University, 1962  
JOHN STANFORD SETCHELL, JR., B.S., Rensselaer Polytechnic Institute, 1963  
LAWRENCE WAYNE SHACKLETTE, B.S., Brown University, 1967  
MICHAEL PETER SHARROCK, B.A., College of St. Thomas, 1967  
JOHN EDWARD SMAARDYK, B.S., 1968  
STEPHEN CARROLL SMITH, B.S., Harvey Mudd College, 1967  
PIERRE VSEVOLOD SOKOLSKY, B.A., University of Chicago, 1967  
JOHN RALPH SOUTHAM, B.S.E.E., M.S.E.E., Purdue University, 1965, 1967  
THOMAS STANLEY STAKELON, B.S., Manhattan College, 1967  
CHARLES NEIL STEWART, JR., B.S., Union College, 1967  
LEE MARVIN STOLLER, B.S., Cooper Union, 1967  
MARSHALL AARON WEISSBERGER, S.B., Massachusetts Institute of Technology, 1967  
STEPHEN PARKER WITHROW, B.S., Cornell University, 1967

*In Physiology*

- VERONICA ELLEN DRANTZ, B.S., 1965  
LESLIE SHU-TUNG FANG, B.S., 1967  
JEFFREY RONALD HAZEL, B.A., College of Wooster, 1967  
JUNE VIOLET REMBOLDT, B.S., Washington State University, 1967  
DAVID HARTLEY ROE, B.S., United States Air Force Academy, 1962  
GREGORY LEE TOTEL, B.A., Luther College, 1967

*In Plant Pathology*

- JAMES ANTHONY FRANK, B.S., Ohio University, 1963  
WILLIAM KIARII KARIUKI, B.S., 1967  
ROBERT STEPHEN PERRY, B.S., Eastern Illinois University, 1965

*In Recreation*

- ERNEST GLENN CARLS, B.S., 1965  
BEVERLY ANN NICHOLS DUNN, B.S., Culver-Stockton College, 1965  
FRED MICHAEL FIBEGER, B.S., Wisconsin State University (LaCrosse), 1966  
KEN GUNJI, B.S., 1959  
KATHLEEN JOAN HALBERG, B.A., University of Iowa, 1962  
CLAUDINE YVETTE JEANRENAUD, Brevet de Maitre de Dessin, Ecole Cantonale des Beaux-Arts et d'Art Applique, 1962  
MARY BUESCHER McDONALD, B.S., 1951  
ROBERT STEVEN THOMPSON, B.S., State University of New York (Cortland), 1967  
LANCE HENRY WUELLNER, B.S., 1967

*In Sanitary Engineering*

- LUIS CARLOS DIAZ, B.S., 1968  
SURINDER KUMAR KAPOOR, B.A., B.S., Panjab University, 1954, 1959  
JAY MARTIN LIPKE, B.S., 1967

*In Statistics*

- VERNON FRANK HAASE, B.A., Northwestern University, 1967

*In the Teaching of Biological Science and General Science*

- CHARLENE COHEN MATHIS, B.S., 1964  
DOROTHY JEAN WIEGEL, B.S., 1968

*In the Teaching of Chemistry*

- TRUDY ANN TAYLOR, B.S., Eastern Illinois University, 1966

*In the Teaching of Mathematics*

- KRISTINE LUCILE AGGERTT, B.S., Indiana State University, 1967  
MARY FRANCES TAPSCOTT, A.B., Webster College, 1965

*In the Teaching of Physical Education*

- PATRICIA BRUCH WEST, B.S., Eastern Illinois University, 1965

*In Theoretical and Applied Mechanics*

- RICHARD JONATHAN ADAMS, B.S., Illinois Institute of Technology, 1966  
GEORGE GLEIM, JR., B.S., Purdue University, 1961  
ALTEN FREDERICK GRANDT, JR., B.S., 1968  
MASAKI KITAGAWA, B.S., Kyoto University, 1965  
JAMES THOMAS RYDER, B.S., 1968

*In Veterinary Medical Science*

- LEE ANDREW CALSYN, B.S., B.S., D.V.M., 1965, 1966, 1968  
ARTHUR BAREND KARPAS, B.A., Adelphi University, 1965  
MOTIBHAI RAGHUNATHBHAI PATEL, B.Sc., University of Bombay, 1950  
CAROLYN JAN PILLAI, A.B., Augustana College, 1963

*In Zoology*

- JORGE GUERRERO RAMIREZ, B.Vet.Med., D.Vet.Med., Universidad Nacional Mayor de San Marcos, 1965, 1965



DENNIS WAYNE NYBERG, S.B., Massachusetts Institute of Technology, 1965  
ALLISON LEE ROESKE, B.S., 1967  
ALBERT HAROLD UNDEEN, B.A., Western Washington State College, 1966

#### Degree of Master of Music

MARGARET ELIZABETH GATES BRAGG, Mus.B., Oberlin Conservatory of Music, 1967  
KATHLEEN KUZMICK HANSELL, B.A., Wellesley College, 1963  
ERROL EUGENE HAUN, B.M., University of Kansas, 1964  
JAMES STEPHEN JAVORE, B.S., B.Mus., 1968, 1968  
RUTH EILEEN THOMSON, B.A., Lynchburg College, 1967

#### Degree of Master of Education

JANET SUE ALIKONIS, A.B., 1968  
PAUL FRANKLIN AMES, B.S., University of Wisconsin, 1933  
JAMES DOUGLAS ANDERSON, B.A., Stillman College, 1966  
NANCY LAGER ANGERER, B.S., 1964  
JAMES PHILIP BALZER, B.S., 1960  
LAWRENCE ARTHUR BEALL, B.S., 1966  
CARL LEE BEHRENS, A.B., McKendree College, 1961  
SUSAN MAE BLISS, B.S., University of Utah, 1965  
JAMES MARCE BROWN, B.S., 1968  
VALERIE BURKE, A.B., 1968  
ELEANOR CAROLINE CARROLL, B.S., Saint Mary-of-the-Woods College, 1964  
JANE MARIE CHAUNCEY, A.B., Augustana College, 1966  
EDYTH LUTICIA COLE, B.S., Wilberforce University, 1967  
SARAH JANE RICHARDS CURTIS, B.S., Northern Illinois University, 1964  
ROSEMARY DE CASTRO DACANAY, B.A., DePaul University, 1964  
GLENN WILLIAM DAVIS, B.S., Eastern Illinois University, 1965  
DONALD LEROY DEAN, B.S., 1963  
ANITA LAMBERTI DERMER, B.A., University of Toronto, 1967  
MARILYN THERESA DE ROSA, A.B., 1966  
PATRICIA NOSER DISMUKES, B.A., Southern Illinois University, 1963  
DANIEL DIXON III, A.B., 1967  
JOHN ANTON DOTZEL, B.S., University of Dubuque, 1957  
MARY ELLEN EGGEMAN, B.A., University of Kansas, 1960  
JOSEPH WILLIAM FEICHTINGER, B.A., Beloit College, 1959  
MICHAEL RAY FOLTYNEWICZ, B.S., Northern Illinois University, 1964  
NANCY ELAINE FORTUNE, B.A., St. Xavier College, 1964  
LOIS CLAIRE FUNKE, B.S., 1967  
WILLIAM DUANE GAUL, B.S., Stout State University, 1960  
MARY SARAH GAYNOR, B.A., St. Xavier College, 1963  
JOAN KREITER GIBSON, B.S., Wartburg College, 1963  
IRMA JEAN GILLESPIE, A.B., 1947  
MARY BERNADETTE GILMORE, B.S., DePaul University, 1965  
RONDA LANDON GOLDEN, B.S., Boston University, 1964  
JUDITH ARLENE GREEN, B.S., Northwestern University, 1966  
LEETA MARTHA HAMILTON, A.B., Calvin College, 1959  
LAURA SWAIN HAUCK, A.B., Washington University, 1951  
LARRY CHARLES HINDERS, B.S., Wisconsin State University (Platteville), 1965  
WALTER JOHN HURST, B.S., 1967  
BARBARA GEISER ILGEN, B.S., 1965  
ROBERTA KLOCKAU JOHNSTON, A.B., 1966  
LEE NOWFT JUNE, B.S., Tuskegee Institute, 1966  
ADELHEID ROTH JUNG, A.B., 1964  
LULA GREEN KELLER, B.Ed., Illinois State University, 1936  
HAROLD GLENN KNOLL, B.S., 1967  
DONALD JAY KREIBICH, B.S., Illinois Wesleyan University, 1961  
THURIDUR JOHANNA KRISTJANSOTTIR, B.S., 1968  
NORMA JEAN KRONE, B.S., 1954  
AMY ELLEN LANDERS, B.S., Eastern Nazarene College, 1959  
MELVIN LEROY LARSON, A.B., Augustana College (Illinois), 1961  
SHARON ELAINE EARNEST LINDEN, B.S., 1963  
RONALD WALLACE MALONE, B.S., Southern Illinois University, 1962

ANGIE ELIZABETH McCASLAND MATHIS, B.S., Washington University, 1956  
 DIANA MAYNE, A.B., Earlham College, 1967  
 LINDA MEYER MEYERS, A.B., 1967  
 STEVEN RAY MORRISON, B.S., Eastern Illinois University, 1965  
 JAMES HERMAN MORTON, B.S., 1965  
 JAMES FREDRICK MYRICK, B.S., Knoxville College, 1961  
 JAMES FRANKLIN NICKELL, B.S.A., Purdue University, 1961  
 CAROLE JEAN PACCHETTI, B.A., St. Xavier College, 1962  
 CAROLYN JOY STAHL PETERSON, A.B., 1964  
 JORY HENRY PETERSON, B.S., Valparaiso University, 1963  
 NANCY ELLEN PHILLIPS, B.S., 1965  
 CAROLINE POMODORO, B.A., Wichita State University, 1965  
 RONALD WALTER PRESCOTT, B.S., University of Houston, 1955  
 BERYL JUNE BROWN RHOADS, B.S., University of Utah, 1950  
 LINNEA ANN RITCHIE, B.S., Eastern Illinois University, 1963  
 SYLVIA AMERICA RIVERO, B.S., University of Tampa, 1961  
 BOWMAN RUDOLPH, B.S., Southern Illinois University, 1951  
 CONNIE RICHARDS SASSE, B.S., 1966  
 LINDA MCKOWN SCHMIDT, B.S., 1964  
 CARROLL WAYNE SCROGIN, B.S., Eastern Illinois University, 1962  
 FRIEDA APPENZELLER SEYMOUR, A.B., 1968  
 MADELINE ZOBERMAN SHERE, B.S., 1965  
 BONNIE LEE MARTIN SIMMS, B.S., Illinois State University, 1962  
 PAUL EDWARD SKOLASKI, B.S., 1968  
 LOIS LAWRENCE SMILEY, B.S., 1965  
 LAWRENCE LEE SMITH, B.S., Western Illinois University, 1966  
 MYRA BUCHANAN STANIS, B.S., Eastern Illinois University, 1960  
 SHIRLEY GRANT STARR, A.B., 1955  
 PATRICIA ANN TEAGUE, B.S., Florida State University, 1960  
 MONA JOHNSON TEMPERO, A.B., Nebraska Wesleyan University, 1960  
 DOLLY DELPHINE PRICE TRIMBLE, B.S., 1952  
 VIOLET VIVIAN TUCKER, B.S., Southern Illinois University, 1962  
 JUNE IRENE SHEETS VINSON, B.S., 1965  
 MARY ANN WATTS, A.B., Northern Illinois University, 1963  
 MARIGRACE WELSH, B.S., Hunter College, 1963  
 ALVIN LEE WILCOX, B.A., University of Iowa, 1961  
 ROBERT LEE WILLIAMSON, B.S., 1962

#### Degree of Master of Social Work

DAVID LEE BAILEY, B.A., Anderson College, 1967  
 MYRNA JOYCE BRACKE, B.A., Clarke College, 1966  
 JANE ANN BRADLEY, A.B., West Virginia University, 1963  
 KAREN SOLBERG BROWN, B.S., Cornell University, 1965  
 LINDA KATHLEEN CARY, A.B., 1967  
 NANCY ALICE CONRADS, B.A., Lawrence College, 1963  
 DAVID WAYNE CORNS, B.A., College of William and Mary, 1963  
 JOANNE MARIE COURI, B.S., Bradley University, 1967  
 JOHN FRANCIS DRAUDE, JR., B.A., Quincy College, 1967  
 EILEEN LAVONNE ERVIN, B.A., Millikin University, 1967  
 KAREN KIBLER EVANS, A.B., 1967  
 HENRY PAUL FARRINGTON, B.A., Blackburn College, 1961; B.D., Garrett Theological Seminary, 1965  
 JANE ALICE FRIEDMAN, A.B., 1967  
 DORIS SCHUHKNECHT GEBAUER, A.B., 1967  
 LAVERNE MARIE GEORGE, B.S., Our Lady of the Lake College, 1967  
 CONNIE HOLMES GILKESON, B.S., 1967  
 IRMA GELLER GUSFIELD, Ph.B., University of Chicago, 1946  
 MARION RICHARDS HIGGINS, A.B., Syracuse University, 1941; M.A., Bradley University, 1964  
 DIANE ELISABETH IRESON, B.A., DePauw University, 1967  
 ROBERT WILLIAM JOHN, B.S., 1960  
 STUART ALLEN KIRK, B.A., University of California, 1967  
 EDWARD NEIL KLAMA, B.A., Elmhurst College, 1967

GISELA KOHRS LA MARSH, B.A., Southern Illinois University, 1964  
 RONALD CAMPBELL LINDSAY, B.A., Roberts Wesleyan College, 1965  
 KAREN MARIE LINK, B.A., Clarke College, 1967  
 LINDA FLORANNE MAGES, A.B., 1967  
 RITA CUMMINS MANNEBACH, B.A., Mount Mercy College, 1967  
 RICHARD LEE McDADE, B.S., 1965  
 CAROLYN FAYE MCKENZIE, A.B., 1967  
 ROGER DOUGLAS MILLER, B.A., Northern Michigan University, 1967  
 RUTH BROMBY MOORE, A.B., Douglass College, 1965  
 MARK IRVIN NELSON, B.S., 1968  
 MARILYN RETZLAFF PANICHI, B.S., 1966  
 SHARON ROSE PETERS, A.B., Illinois College, 1967  
 FLORENCE BLACK SCHWARTZ, A.B., 1967  
 WILLIAM P. SHAW, B.S., M.S., Northern Illinois University, 1955, 1957  
 CLARENCE JOSEPH SIZEMORE, A.B., Olivet Nazarene College, 1966  
 ALICE MARIE SMITH, A.B., Delaware State College, 1966  
 KAREN MARIE SPEARS, B.A., St. Olaf College, 1966  
 SHIRLEY VAN WORMER STILLINGER, B.A., University of Texas, 1953  
 JOHN PETER SULLIVAN, B.A., Canisius College, 1967  
 RICHARD FREDERICK SVANOE, JR., B.A., Luther College, 1965  
 KARIN SWANSON, A.B., 1966  
 PATSY DILLS TRACY, B.A., Murray State College, 1965  
 JAMES RICHARD WYATT TURNER, B.S., Eastern Illinois University, 1965  
 JACK WILLIAM WALKER, B.A., Millikin University, 1950  
 LEE IVAN WEINSTEIN, B.S., 1967  
 JOSEPH WILLIAM WHITE, JR., A.B., Johnson C. Smith University, 1963  
 ROGERS TAKESHI YOSHIKAMI, B.A., University of Hawaii, 1967  
 JOHN WILLIAM YOUNG, A.B., 1958; B.D., Iliff School of Theology, 1961

#### Degree of Master of Fine Arts

##### *In Design*

PETER FRANK HAYTHORNTHTWAITE, B.F.A., 1967

##### *In Painting and Printmaking*

JOHN HENRY WEHMER, B.F.A., Washington University, 1953

##### *In Sculpture*

JOHN WILLIAM PETERSON, B.A., M.A., University of Iowa, 1965, 1967

#### Degree of Master of Laws

ORLEY RADCLIFFE LILLY, JR., B.A., Southwestern at Memphis, 1954; J.D., Washington University, 1966

GENE ALLEN PETERSEN, B.S., J.D., 1964, 1967

#### Degree of Master of Television

ROBERT JAY BELINOFF, B.S., 1967

REID JOHN DUFFY, B.A., University of Notre Dame, 1967

THOMAS ARTHUR HALLMANN, B.S., 1967

#### Degree of Master of Architecture

RANDALL JAY BIALLAS, B.Arch., 1967

WARREN GERALD GAST, B.Arch., 1967

BOBBY EDWARD HEATLY, B.Arch., Oklahoma State University, 1967

CHRISTOPHER ALAN MOYER, B.Arch., 1963

#### Degree of Master of Accounting Science

DENNIS JOHN GAFFNEY, B.S.B.A., Marquette University, 1966

CHESTER LEONARD KATZ, B.B.A., Ohio University, 1967

PRAWIT NINSUVANNAKUL, B.A., Chulalongkorn University, 1966

DUANE GLEN OESTERREICH, B.S., Valparaiso University, 1968

LILY TEN-HUI OUYANG, B.A., National Taiwan University, 1965

YUPHA SANHAPHANIJ, B.Sc., Thammasat University, 1962

**Degree of Master of Business Administration**

JESSE WAYNE BOEHLER, B.S., 1967  
 DENNIS JAMES BYCZYNSKI, B.S., Purdue University, 1966  
 DENNIS JAMES CALLAGHAN, B.S., 1967  
 WILLIAM JOHN CELIO, B.S., 1967  
 RICHARD ALLEN CLARKE, B.S., Principia College, 1966  
 THOMAS RICHARD CURTIS, B.S., 1967  
 ROBERT ANTHONY DEBELAK, B.S., 1967  
 WILLIAM OTTO KOCH, B.S., Iowa Wesleyan College, 1967  
 GARY LANCE MARCUCCI, B.S., 1967  
 RONALD HENRY MASS, B.S., 1967  
 ROBERT EDWARD MITCHELL, B.S., 1965  
 EDWARD DONALD PAVLIK, B.S., 1967  
 JEFFREY BURDETTE SERAGE, B.S., Illinois Institute of Technology, 1966  
 KIVILCIM MEHMET UYAR, B.A., Robert College, 1966  
 DAVID ALLAN WINFIELD, A.B., University of Rochester, 1966

**Degree of Master of Commerce**

PATRICK LYNN DURBIN, B.S., St. Louis University, 1967

**Degree of Master of Extension Education**

PHYLLIS RUTH REGNIER, B.S., 1964  
 HARRY SMITH WRIGHT, JR., B.S., 1957

**Degree of Master of Landscape Architecture**

ALTON ANTHONY BARNES, JR., B.L.A., University of Georgia, 1965  
 CARL ROBERT BELDEN, B.S., Iowa State University (Ames), 1963  
 CARL LUDWIG GOETZ, JR., B.F.A., 1963

**Degree of Master of Urban Planning**

CARL VERNON PATTON, JR., B.S., University of Cincinnati, 1967  
 JAMES KNOX SPORE, B.U.P., 1967  
 ROBERT PAUL YOUNGMAN, A.B., Augustana College, 1964

**Advanced Certificate***In Education*

DIANE MARIE BORUCKI, B.S., College of St. Francis, 1963; M.A., Northwestern University, 1967  
 ROBERT WARREN FINK, B.S., Illinois State University, 1955; M.S., Indiana State University, 1961  
 KENNETH WARREN KNELL, B.S., Ed.M., 1948, 1954  
 GERALD GRAYDON PIERSON, B.S., M.S., Eastern Illinois University, 1949, 1955  
 HARRY EDWARD PRATHER, B.S., Eastern Illinois University, 1942; M.S., Southern Illinois University, 1951  
 LUELLA MOORE SNYDER, B.A., Cornell College, 1963; Ed.M., 1967

**COLLEGE OF AGRICULTURE****Degree of Bachelor of Science***In Agriculture*

PHILIP KAY AMDOR	RONALD FRANK EICKHORST
FREDERICK WILLIAM BLICK	LESLIE JOHN EMKEN
WARNER DANIEL BUCHANAN	ALLEN CARL GROMMET
DAVID HAROLD COCHRAN	KENNETH MERLE HENDREN
CHARLES MICHAEL COMBS	JAMES ELMER KLOKKENGA
STANLEY CURTIS CONWAY	RAYMOND LYNN KRUEKOWIT
ROBERT LEE DAVIS	JOHN FRANCIS LECKIE
THOMAS WAYNE DE YOUNG	DANIEL EDWARD LESAGE
HAROLD WILLIAM EDDINGTON, SR.	GARY LEE LUDWIG

RONALD WILLIAM MOELLER  
DAVID BLASE MONTI  
DAVID JOHN MORGAN  
MICHAEL ALLEN ODE  
WAYNE BYRON PAGE  
DARRELL MASON PEPPE  
WAYNE RUSSELL PEUGH  
ANTHONY LOUIS RATTONETTI  
DUANE DOUGLAS SCHAMBACH  
RICHARD WILLIAM SCHUMACHER

LYNN KENDALL SEELY  
MARK EDWARD SHAFER  
WILBUR CARL STAMBERGER  
LARRY JOSEPH SURPRENANT  
RICHARD HARRISON TAYLOR  
CHARLES BYRON UNGER  
CHARLES DUANE VOLK  
ROGER JOHN WILLIAMS  
DENNIS PAUL WILSON  
JONFRED KEITH WORNER

*In Dairy Technology*

RICHARD MARC PERLMUTTER, High  
Honors

*In Floriculture and Ornamental Horticulture*

CARL DAVID IRVIN  
THOMAS EDWIN JAGLER  
ROBERT PHILIP KELLAR

CECELIA SUZANNE PEPPE, Honors  
TOSHIKO UNE

*In Food Science*

WILLIAM ANDREW MCCALL

DARRYL GLEN MEYER

*In Forestry*

ROGER PAUL BLAIR  
JOHN MARION EDGINGTON  
ROBERT WAYNE FLORENCE, Honors  
ARTHUR LEE HOFFMAN  
JAMES JOHN MACHACEK

JAMES DONALD MOORE  
RAYMOND LYNN PFEISTER  
JAMES ALLEN SANDERS  
DAVID WILLIAM SKIBBE  
CHARLES EVERETT WILSON

*In Home Economics*

JANE FUNK BERTSCHI  
MILDRED EILEEN CAZIER  
VICTORIA ELLEN COOMBER, Honors  
LYNNE ROSEGRANT FRANKS  
JANICE BOTTERBUSCH FRANZ  
CHERYL SUE FULLER  
NANCY VIRGINIA HUBBARD  
DELORIS JEAN PERCY JONES, High  
Honors

GRETCHEN RAPP LONG  
MILDRED BEAR MERRY  
MAREN LOIS MEYER  
CAROL ANN MISKIV  
LINDA JEAN NEWTON  
KAREN LOU PENNELL  
PATRICIA KAY RANDALL

*In Home Economics Education*

PATRICIA GAIL NELSON, Honors  
TAMARRA DANYA RADISON

CAROL JEAN ROBERTS  
DIANE MARIE STEINER

**COLLEGE OF ENGINEERING**

**Degree of Bachelor of Science**

*In Aeronautical and Astronautical Engineering*

PAUL BRYAN ANDERSON  
FREDERICK WILLIAM CERKAN  
JAMES MARCUS COOPER, High Honors  
JAMES FRANKLIN CRADDOCK  
EARL EMERSON DAGUE, High Honors  
LEE DON DOBBS  
JULIO ERASMO DURAND  
JOHN EDWIN FITZHUGH II  
KENNETH LEE HERRICK  
PHILLIP MICHAEL HINRICHS  
WILLIAM THOMAS KARP, JR.  
JEROME ANDREW KUROWSKI  
JEFFREY CLARENCE LARRICK  
KOSTAS ILIAS MAHERAS  
MICHAEL PAUL MARIANI

DARRYL ADRIAN MATHIAS  
JAMES CHARLES MEDO  
STEVEN RAY NAGEL, High Honors  
JOHN HOLWORTH NIXON  
VINCENT DANIEL PANICO, Highest  
Honors  
BERND PESLER  
JAMES ANTHONY POLITO  
MATTHEW THOMAS RILEY  
EDWARD TERRY SCHULZE  
JAMES ARTHUR SMITTKAMP  
BUCKLEY SONS  
CHARLES FREDERICK TIPTON  
THOMAS JAY TOBEY  
WILLIAM EDWARD WENCEL

*In Agricultural Engineering*

JERRY CLYDE BONNETT, Highest Honors  
 MICHAEL JOHN COMPASSO  
 LARRY RAYMOND DOZIER  
 STEPHEN HAROLD GILL  
 ROBERT WILLIAM GLASSCOCK

JOHN BREWSTER HEATH  
 CHARLES KENNETH HOUSE, Jr.  
 GARY GENE KLEIN  
 LARRY LYNN KNODLE  
 THOMAS ALAN SHOOPMAN

*In Ceramic Engineering*

JOSEPH GARY BALDONI II  
 WARREN LEE HOFFMANN  
 BILLY WAYNE HUBBARD

JACK WILSON MOORMAN  
 JEROME JAROSLAW NALYWAJKO  
 DENNIS CHARLES SIEBERT

*In Civil Engineering*

DONALD ALBERT ARMSTRONG  
 SADI ABD-ELAFO ASSAF  
 JAMES EDWARD BARRY  
 JAMES VICTOR BILDILLI  
 HAROLD THOMAS BROWN, Highest Honors  
 GARY NED CANTRELL  
 JOHN FRANCIS CARR  
 NICHOLAS DONALD CARSO  
 THOMAS WILLIAM CLAPP, Honors  
 JAMES RUSSELL CLARNO  
 JOHN DEMKOWICZ  
 CHARLES ARNOLD EBERHARD  
 JOHN HARLAN EISELE  
 ROBERT PATRICK ELLIOTT, Highest Honors  
 RICHARD JON ERICKSON  
 TERRENCE JOHN FOLEY  
 SCOTT DENNIS FORT, Highest Honors  
 TOM TADAAKI FUJIWARA  
 DEXTER GONDO  
 GARY ARTHUR HAHN  
 JEROME EDWARD HEINZ  
 TERRENCE JOHN HODNIK  
 GARETH CHARLES HOLTZE  
 RODNEY DOREN IREY  
 WILLIAM LEWIS JACK  
 JAMES PHILIP JACKSON  
 LARRY MINER JACOBS  
 GEORGE FRANK JAMISON

JAMES GEORGE KAHLE  
 JOSEPH FREDRICK KELLY  
 STEPHEN EDMUND KERR  
 ROBERT HERMAN KUHN  
 GARY RICHARD MARINE, High Honors  
 JAMES GEORGE MAZANEC  
 TERRENCE LEIGH MCGILLIVRAY  
 GEORGE CLOVER MEADOR  
 JOHN EDWARD MITCHELL  
 GEORGE EDWARD OLKIEWICZ  
 MICHAEL RICHARD OLSON, Highest Honors  
 ERIC CHARLES PAHLKE  
 DOMINIC JOSEPH PARISI  
 MARVIN ELMER PFLUGER  
 EDWARD MICHAEL POTEMPA  
 JOHN KENNETH REAM  
 MICHAEL EUGENE RIPPPEL  
 MICHEL BASIL SAMOKHINE  
 EDWARD DANIEL SCHONSETT, Jr.  
 BIVEN JOEL SKOGSBERG  
 RICHARD GEORGE SOLAK  
 JOHN BRIAN SPENADER  
 ROGER ALLEN STACY  
 WILLIAM SCOTT SUTFIN  
 PHILLIP ARTHUR TEGLER  
 ROBERT CARL VOLKMAN, Highest Honors  
 VINCENT CHARLES WROBLEWSKI, Jr.  
 SZE KWONG YEUNG

*In Electrical Engineering*

RICHARD ANTHONY ADAM  
 HERMAN DEAN ALLISON  
 ALLAN CLETUS ANDRES  
 MARVIN LEE AUSTIN  
 ELIAS BARZILAI  
 GEOFFREY DEWITT BATCHELDER  
 STAVUSH BATMANGHELIDJ  
 DANIEL DEAN BILLINGSLEY  
 ROBERT MICHAEL BORDEAUX  
 ALAN RICHARD BORMANN  
 JOHN TREVOR BORZONI  
 CHARLES ROBERT BOWER, Jr.  
 RICHARD MERRITT BURKHART  
 FRED CHARLES CAMPBELL  
 MICHAEL ARTHUR CAPUTO  
 BRUCE EDWARD CHAPMAN  
 STEVEN LYNN CLAPPER  
 ROBERT EDWARD CLEM  
 PHILIP MICHAEL CONNOY

THOMAS STEPHAN COSTELLO  
 RONALD WADE CRAIN  
 THOMAS ROBERT DAGNON, Jr.  
 ANTHONY ROBERT DONALDSON  
 DAVID LEE EDWARDS  
 JAMES PAUL EGGERS  
 MARK EDMOND EIDSON  
 GEORGE NELSON ELMS  
 ROGER ALAN FRASER  
 RUSSELL EDWARD GINGRAS  
 NORMAN GLASSMAN  
 CHARLES EDWIN GLENN  
 BARRY HOWARD GOLD  
 JAMES LAWRENCE GRAHAM  
 JOSEPH NATHAN GREENHOUSE  
 WILLIAM EUGENE GREENLEE, High Honors  
 THOMAS RUSSELL GREENWOOD  
 DONALD FARNES HANSON, Honors

KERRY WAYNE HASSLER  
 BRUCE K. HOLLINGER  
 RUSSELL EDWARD JOHNSON  
 WILLIAM CHARLES KERCHNER  
 JAMES JOSEPH KLUG  
 WARREN LANGE KNAUER, JR.  
 CSABA LASZLO KOHALMI  
 NICOLAOS KONISTIS  
 DENNIS GERALD KOSTRZEWSKI  
 STEPHEN ROBERT LAMBERT, Honors  
 DENNIS CHARLES LANGLEY  
 JOSEPH LEE  
 BRUCE ANTHONY LEFAVI  
 JAMES ALLAN LONG  
 MICHAEL EDMUND LONG  
 GARY CLAIR LUCKETT  
 TERRY CHARLES LUNN, Highest Honors  
 FRANK JAMES MACEDON  
 ROBERT ALAN MALSTROM, Highest Honors  
 STEPHEN CHARLES MARKER  
 THOMAS CHARLES MARTIN  
 MIRO PAUL MLADINER  
 JAMES RICHARD MOORE, High Honors  
 EDWARD GEORGE MORLAN  
 WILLIAM ABBOTT MORRISON, JR.  
 ROBERT STEWART MOSS, High Honors  
 JAMES JOSEPH MURPHY  
 RAPHAEL NORBER

JAMES RICHARD NOVAK  
 DUWAYNE HAROLD OLSON  
 ROBERT WALTER PAULSEN  
 RICHARD EDWARD PAVEK  
 MICHAEL JOHN PERRIE  
 GEORGE GARFIELD PETERS, High Honors  
 JEFFREY UPTON PRICE  
 RAYMOND JOHN RAKUNAS  
 THOMAS ANDERSON REED  
 GERALD WALTER RENKEN  
 DENNIS ALLEN ROBERTS, Honors  
 MANOUCHEHR SARHADDI  
 JAMES ALBERT SCHAFFNER  
 NORMAN FRANCIS SCHMIDT  
 GEORGE JOSEPH SCHULER  
 RAMA RAO SITARAMIAH  
 SAM CHARLES SLUZAVICH, Honors  
 JERRY JOSEPH SWEENEY, High Honors  
 BRADLEY ARTHUR THOMPSON  
 HWAI KEE TSIANG  
 JAMES LLOYD TUCKER  
 RONALD EARLE TWINE  
 JAY RONALD ULLMANN  
 ROGER PAUL VOEGELE  
 STEVEN EARL WALLIS, High Honors  
 RAYMOND NATHANIEL WARD  
 PAUL JOSEPH WHITNEY  
 KENNETH LEROY WODTKE

#### *In Engineering Mechanics*

JAMES CLEMENT HADLEY  
 DAVID ALLEN HILAND  
 KENNETH LAWRENCE JERINA

MARCUS RAY JOHNSON  
 JAMES HARVEY LAFLEN  
 CRAIG STUART TIMKO

#### *In Engineering Physics*

RICHARD ALFRED ANDERSON  
 VICTOR EUGENE BROQUARD  
 DENNIS MICHAEL BUDZIK  
 ARTHUR CHARLES MILES CLARKE  
 WILLIAM JOSEPH COATES, JR.  
 ROBERT ARDEN FOGLER, High Honors  
 DANIEL BRYAN FOX  
 PAUL ANDREW JURSNIC

ROBERT FRANCIS PINAS  
 WILLIAM TERRY QUARTON, High Honors  
 LARRY LOUIS RABIDEAU  
 JOHN THOMAS SPONZILLI  
 MARK FREDRICK SUGAR, High Honors  
 MICHAEL ROGER SUMMERS, Highest Honors

#### *In General Engineering*

CRAIG WARREN ARENDS  
 EDWARD AUGUST BARTZ, JR.  
 JAMES EDWARD BOULA  
 EUGENE WILLIAM GEORGE DAVID, Honors  
 RUSSELL EDWARD EWERS  
 KENNETH WILLIAM FALCON, High Honors  
 JOEL KEITH JACKMAN  
 LELAND CARL MEINHART  
 RONALD CHARLES MORRISON

STUART IRWIN MOTEW  
 JOHN MICHAEL MULVEY  
 HOWARD LEE MYLES  
 ARDELL WILLIAM NEASE  
 DANIEL ALAN NEUMANN  
 DOUGLAS CRAIG OETTING  
 JOHN STEPHEN ROGERS  
 CHARLES WILLIAM STONE  
 RONALD ERWIN WALTERS  
 ROBERT GUY WITHROW

#### *In Industrial Engineering*

THOMAS PETER CLINCH  
 JEFFREY MARSHAL FELDMAN  
 DENNIS JOSEPH FORTINO  
 ROBERT JAMES GALVANONI

RICHARD BARR GROOMS  
 JOHN EDMOND HAWKINS  
 WILLIAM CARL JORGENSEN  
 ROBERT LOUIS KLISZ

JOHN THOMAS KREID  
MICHAEL JOHN O'CONNOR  
FREDERICK ENO PALMER

DAVID NICHOLAS PARLANTI  
GERARD PHILLIP THOMAS  
MICHAEL STEVEN WILSON

*In Mechanical Engineering*

HENRY LOUIS BAUMAN, JR.  
EDWARD CARTER BLOMEYER  
JOHN JEAN BULANDA  
DARRYL LEROY BURRIS, Highest Honors  
WILLIAM ALLEN CALLISS  
THOMAS JOHN ECKMAN  
WILLIAM JOSEPH ELSESSER, High Honors  
RUBENS EDUARDO SCHREINER ESTRELLA  
MICHAEL LYNN GANAWAY, High Honors  
RICARDO JACOBO GIANNETTI, Highest Honors  
PAUL PETER GULA  
ARTHUR DANIEL HALLSTROM  
TERRY RAYMOND IMIG  
ROBERT DALE JOHNSON  
MICHAEL LEE KECKRITZ  
WILLIAM JAMES KOCHÉ, JR.  
ALLEN LEE KRODEL  
RICHARD ALLEN KRONE  
KENNETH MARTIN KROUPA, Honors  
WALTER KWANT  
ROGER WILLIAM LANGILLE  
WILLIAM VICTOR LEBAN, JR.  
PHILIP WALTER LEISTRA, JR.

RONALD DEAN LIBERTY  
DENNIS TERRY LIKOSAR  
GARY MAURITZSON  
JOSEPH ALBERT MAVEC  
DONALD DALE McDOWELL  
RODERICK FREDERICK MOLLISON  
JOHN LEO MUNSTERMAN  
ROBERT ALLEN MUSSON  
JAMES STANLEY NERSTROM  
A. EUGENE NORDBY, Honors  
LYNN DAN PALMER  
GERALD ALLEN PARKHURST  
JOSEPH ROGERS PARSONS, JR.  
GREGORY D. POLITIS  
WILLIAM ALFRED RINNE  
DAVID EUGENE RUSSELL, High Honors  
ROBERT LEE SALISBURY  
ALAN WALTER SCHULZ  
JOHN ROBERT SMITH  
JOSEPH MICHAEL TOSCANO, High Honors  
JAMES HOWARD TUNNELL, Honors  
FRANK LLOYD VOGEL  
JAMES BURROUGHS WEDDING  
JOSEPH TSO-KIM WONG

*In Metallurgical Engineering*

WILLIAM WEBSTER BARTON  
JOHN WILLIAM BROCH  
RONALD NELSON EBERT  
JOHN BRADLEY HULL

MICHAEL PAUL SELESKI, High Honors  
ANDREW CARL SPITZNAS  
WILLIAM HENRY WATTS  
ROBERT ANDREW WLODEK

*In the Teaching of Engineering Technology*

RUDOLPH LARRY BERTSCHI

**Certificate in the Teaching of Engineering Technology**

*Electronics Technology Option*

GEORGE ABDOO  
JOHN DENHAM BIRONG  
ROY DERREL BYRD

NORMAN MAHLER  
HANS WILLIAM WALTHER

**COLLEGE OF LIBERAL ARTS AND SCIENCES**

**Degree of Bachelor of Arts**

*In Liberal Arts and Sciences*

RICKEY JEROME AMENT  
KAREN MARIE ANDERSON  
CARMEN ANIMAGI  
ROBERT LUTHER ARCHER  
STEVEN EARL AUSTIN  
BEVERLY TORSBERG BATH  
PAUL FREDERIC BENJAMIN  
ELAINE BONNIE BERMAN  
ELSA KATHARINE BEUK  
MARY EILEEN BIDDLECOMBE  
FRANK DUANE BIRCH

KATHARINA JAROTSKI BLACKSTEAD,  
Highest Distinction in Russian  
MARY TURNER BLUNK, High Honors in  
Liberal Arts and Sciences  
BARBARA ANN BOBIS  
RUTH LOUISE BOHAN, Honors in Liberal  
Arts and Sciences  
CHERIE ANN BOHAT  
JOSEPH ANDREW BORYSOWICZ  
MARTHELIA KINNEY BRADLEY  
JAMES ROBERT BRODIE



- JOHN GRAHAM BRUBAKER, JR.  
 DANIEL CURRIE BRYANT  
 CAROLYN JEAN BUEHMANN  
 CLAUDIA SHARON BURNETT  
 KENNETH RAY BURNETTE  
 STEPHEN ALAN BUSS  
 SALLY FAIRFAX CADMUS  
 IRENE ROSANA CARLSON  
 RODNEY WAYNE CARLSON  
 CARL ANTON CEPEK  
 BARRY R. CHAFETZ  
 FRANKLIN LEE CHRISTENSEN  
 KAREN MARIE CHRISTENSEN  
 JUDY ANN PETROVICH CONLON  
 COLETTE FRANCES CORBIN  
 MARIAN CLARE CORRELL  
 JAMES ALLEN CURTIS  
 JUDITH McLANE DANIEL, Honors in  
     Liberal Arts and Sciences  
 MARK EDWARDS DARLING  
 JERRY ALLEN DAVIS  
 THOMAS CHARLES DETRICK  
 TIMOTHY HUGH DISSMEYER, Honors in  
     Liberal Arts and Sciences  
 RICHARD MARTIN DOHRMANN  
 KATHLEEN ELLEN DUBS  
 NANCY CAROL DULYS  
 TODD HAMMOND DUNCAN, High Honors  
     in Liberal Arts and Sciences  
 ELIZABETH DUNN  
 PATRICIA WROBLE EASTHAM  
 JUAN DE LA CRUZ ESPADAS, Honors in  
     Liberal Arts and Sciences  
 ALICE LOUISE FINCHAM  
 ROBERT REED FISHER  
 RICHARD MATTHEW FRANKS  
 MARY LOUISE FRECH  
 CHRISTINE LOUISE GEORGE  
 BARBARA MAY GLICKMAN  
 SHEILA RICHMOND GOLDBERG, Honors in  
     Liberal Arts and Sciences  
 CAROLE ANN GOODWIN, Honors in Lib-  
     eral Arts and Sciences  
 WILLIAM DAVID GORAN  
 JACQUELINE JUDITH GYORY  
 DONNA MARY HAKE  
 KAREN LYNNE HARMS  
 MICHAEL HARRINGTON  
 MARK WENTWORTH HAUGHTON  
 GERALD HOWARD HEFFERNON  
 CHRISTINE BERTRAND HEPP  
 WILLIAM TERRENCE HEPP, High Honors  
     in Liberal Arts and Sciences with  
     Distinction in Latin-American  
     Studies  
 SANDRA LEE HERTZBERG  
 DE ANNE KAREN HILFINGER, High  
     Honors in Liberal Arts and Sci-  
     ences with Distinction in Latin-  
     American Studies  
 JOAN BATES HILSDORF  
 HENRY HINO  
 HENRY ADOLPH HOFF  
 MICHAEL CLARK HOLLOWAY  
 PHYLLIS DEBORAH HORN  
 JOYCE CALDWELL HORNEY, Honors in  
     Liberal Arts and Sciences  
 KAREN LEE HUTNICK  
 REYNALDO LUIS JIMENEZ-SANCHEZ  
 KATHLEEN MARIE JOHANN  
 CHARLES ROBERT JOHNSON  
 FRANKLIN ROOSEVELT JOHNSON  
 THOMAS ANDERS JOHNSON  
 JAMES STEWART JONES  
 WALTER JONES, JR.  
 KARL KIERNAN JONIETZ  
 DONALD WAYNE JORDAN  
 EDMUND ANTHONY JURENAS  
 SHERRY ANN KANGAS  
 JAY ANNE KAY, Honors in Liberal Arts  
     and Sciences  
 CHRISTOPHER DAVID KELLY  
 FLOYD DANIEL KENNEDY, JR.  
 DAVID FREEMAN KEREN, High Honors  
     in Liberal Arts and Sciences  
 MINDELLE SUZANNE KERSHNER  
 JANE ANN KOESTERER, Honors in Lib-  
     eral Arts and Sciences  
 CHRISTINE MARGUERITE KOYAMA  
 ELIZABETH ANN KUCHAR  
 BARBARA JEAN LACEWELL  
 ROBERT DAVID LACHARITE  
 MARY ELLEN LANGHOUT  
 MICHAEL ROBERT LASH  
 MARGARET J. LAVIN, Honors in Liberal  
     Arts and Sciences  
 JOAN MARIE LEBENSORGER  
 LAVONNE LEE  
 RICHARD CARL LENG  
 ALAN SAM LEVINS  
 LINDA EILEEN LIFTON  
 PARK THOMAS LIVINGSTON  
 CHARLES WILLIAM LONG, JR.  
 BARRY EDWARD MARSHALL  
 THOMAS JOSEPH MARZEN  
 SERGIO JURY MASVIDAL  
 DENNIS JOSEPH MAUSER  
 GARY MICHAEL MAXWELL  
 ROGER WALTER MCCLUNG  
 PATRICIA CATHERINE MCHUGH  
 SANDRA SUE MCQUAY  
 GAYLE MARLEEN MEADORS, Honors in  
     Liberal Arts and Sciences  
 DIANE GEORGETTE MILLER  
 LEE AUBREY MOORE, JR.  
 VICKY KATHLEEN MORRIS, High Honors  
     in Liberal Arts and Sciences with  
     Highest Distinction in English  
 SANDRA RIGSBEE MUELLER  
 RICHARD ALLEN NEDWED  
 JON ONTARIO NESTOR  
 PHILLIP LANE NEWCOMB  
 CATHERINE CASS NORRIS  
 BONNIE RITA O'BRIEN  
 KAREN CLOTHILDE PAULSEN  
 DONALD WAYNE PERRYMAN

DENNIS ROY PFEIFER  
 PEGGY ELIZABETH PFEIFER  
 RAND E. POTTER  
 DANIEL JAMES RADY, High Honors in  
 Liberal Arts and Sciences with Dis-  
 tinction in Finance  
 CHRISTINE LOUISE RAHN  
 DALE RAUCH REEDER  
 ELISSA RUTH REICHEK  
 JANE ELLEN RICHARDSON  
 FRANK WILLIAM RIVAS, with Distinc-  
 tion in English  
 SUSAN KIRKPATRICK ROBINSON, Honors  
 in Liberal Arts and Sciences  
 DIANE LOUISE SAGI  
 DOROTHY HELENE KNIGHT SASH  
 JUDITH MARIE LEIFHEIT SCHEIBLY  
 HELEN SHEPHERD SCHULZ  
 SUSAN JANE SELBY  
 JOSEPH JAMES SEROKA  
 ERMA SHARON SILKEY

SARA ELDER SMEETH  
 JAMES LOUIS SMITH  
 LEE VINCENT SMITH  
 LINDA LEE STEWART  
 DARRELL PAUL STROHMAN  
 RONALD JOHN SWAGER  
 GERALD STEVE SZABLEWSKI  
 SUSAN ERICKSEN TARR  
 CHARLES ROBERT TINDALL  
 JOHN ALLEN TITCHENAL  
 JUDY DIANE VIGNOCCHI  
 JANE LOUISE WALLER  
 WILLIAM MOLLER WIPPOLD  
 RICHARD ALAN WOLFE  
 SALLY JANE WOLFE, with Highest Dis-  
 tinction in Anthropology  
 JUDITH FLORENCE WORONICZ  
 DIANE MARY YOCHES  
 RALPH KHAN ZIA  
 JOAN ARLENE ZIMMERMAN  
 ROBERT ALLEN ZUPKUS

*In the Teaching of English*

KATHERINE STEINBERG ABRAMS  
 CLAUDIA LYNN BAILEY  
 LESLIE MARGARET BARRON, High Hon-  
 ors in Liberal Arts and Sciences  
 MERYL BERNSTEIN  
 SHERRILL ANN BIRKENMAIER  
 MARGARET LOIS BLUMBERG  
 ARDYTH OLLIE BROADRICK  
 BONNY LOU SCHMITT BROWN  
 NANCY GWENDOLYN CARLSON  
 MARY MARGARET COUGHLIN  
 NANCY ELLEN KANE, Honors in Liberal  
 Arts and Sciences  
 CHRISTINE DIANE KIERSCH, Honors in  
 Liberal Arts and Sciences  
 JANET LYNN MAXTON  
 LINDA KAY MEADE, High Honors in  
 Liberal Arts and Sciences

TERESA KAY MILLS  
 PATRICIA ANN MOTTO, High Honors in  
 Liberal Arts and Sciences with Dis-  
 tinction in the Curriculum  
 SUSAN MARY SCHULTZ OLSON, Honors  
 in Liberal Arts and Sciences  
 LINDA JEANNE PARKER REED, High  
 Honors in Liberal Arts and Sci-  
 ences with Distinction in the Cur-  
 riculum  
 SANDRA LEE RESIS  
 CAROLE ELLEN ROSENBERG  
 BARBARA LEVINE THEOBALD, High Hon-  
 ors in Liberal Arts and Sciences  
 GEORGINE ANN TORTORELLA  
 DOROTHY MARIE WINKLER  
 PATRICIA LYNN WROBEL

*In the Teaching of French*

JEAN PENELOPE DERBY, High Honors in  
 Liberal Arts and Sciences with Dis-  
 tinction in the Curriculum  
 MARGARET HERZBERGER, High Honors  
 in Liberal Arts and Sciences with  
 High Distinction in the Curriculum  
 ROSALYN BARI KAPLAN, High Honors  
 in Liberal Arts and Sciences with  
 High Distinction in the Curriculum

PATRICIA ANN LEU, High Honors in  
 Liberal Arts and Sciences with Dis-  
 tinction in the Curriculum  
 SUZANNE NICHOLAS McSPADDEN  
 ELISE MAUREEN RIMINGTON  
 CHERYL NAOMI SHUGAN, High Honors  
 in Liberal Arts and Sciences with  
 High Distinction in the Curriculum  
 MARGOT MICHELE SHUMAKER, High  
 Honors in Liberal Arts and Sci-  
 ences

*In the Teaching of German*

JOHANNE DILBA

*In the Teaching of Latin*

BARBARA SUE HAYES, High Honors in  
 Liberal Arts and Sciences with Dis-  
 tinction in the Curriculum

*In the Teaching of Russian*

CLAUDIA JEAN KUDELKA, High Honors  
in Liberal Arts and Sciences with  
Highest Distinction in the Cur-  
riculum

MERLE NONA ROVEL  
BARBARA LEE WILCOX, High Honors in  
Liberal Arts and Sciences with  
High Distinction in the Curriculum

*In the Teaching of Social Studies*

SIBYL ANNETTE ANDERSON  
PATRICIA DAVIS ASKEW, High Honors  
in Liberal Arts and Sciences  
HARRY EARL CLEM  
ELAINE CLARK DAVID, High Honors in  
Liberal Arts and Sciences  
JANALEE ANN FELIX, High Honors in  
Liberal Arts and Sciences  
WILLIAM HOWARD FRITCHLEY  
PAUL ARTHUR GARWOOD  
DONNA JEAN PETER GILBERT  
LINDA LEE HARRIS

GRACE ANN MEYER, High Honors in  
Liberal Arts and Sciences  
SUSAN LOUISE OSBORN, High Honors  
in Liberal Arts and Sciences  
DIANE MARIE POERIO  
LANTZ MORGAN STEIN  
LAURA JAYNE STEWART  
MARY BERTHA TAMMEUS, High Honors  
in Liberal Arts and Sciences with  
High Distinction in the Curriculum  
RICHARD DAVID TRIFFLER  
LINDA BETTY WERTH

*In the Teaching of Spanish*

BARBARA JEAN FELLER, with Distinction  
in the Curriculum  
SHERILYN HOPE FREEMAN, High Honors  
in Liberal Arts and Sciences with  
High Distinction in the Curriculum  
CANDACE JEAN MOTT, High Honors in  
Liberal Arts and Sciences with Dis-  
tinction in the Curriculum

JANE ANN SEXTON, High Honors in  
Liberal Arts and Sciences with  
High Distinction in the Curriculum  
GRESILDA ANNE TILLEY  
BECKY FRANCES LOVETT TURNEY

*In the Teaching of Speech*

JUDITH PAULA BRICKMAN

JANICE RAE MILES

*In Theatre Art*

WENDY BERYL DONSKY  
LAWRENCE JOSEPH PEDTKE

LILY HELEN RUSEK, High Honors in  
Liberal Arts and Sciences

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

ROBERT EDWARD BOSANAC, High Hon-  
ors in Liberal Arts and Sciences  
with High Distinction in the Cur-  
riculum

JOEL JASON DEYOUNG  
TONY PAUL GAVLINSKI  
JAMES KENNETH GRANT  
DAVID LEE HELLMAN  
DEAN HOWARD JONESON

IRAJ KASSAIAN  
THOMAS MITCHELL McDONALD, High  
Honors in Liberal Arts and Sci-  
ences with High Distinction in the  
Curriculum

CHARLES RONALD MITCHELL  
THOMAS ALFRED NORCOM  
STEPHEN HOWARD ROTHBLATT  
JAMES PEI CHUN TIEN

*In Chemistry*

MOIRA DELSA DE LA ROSA  
JOHN TED DIXON  
CAROL ANN GENGUL  
SUSAN ANN GILLER  
MILTON IRVIN HARDT

VERENA STOCKER HOLZER, High Honors  
in Liberal Arts and Sciences with  
Distinction in the Curriculum  
RICHARD ALAN KENLEY, High Honors  
in Liberal Arts and Sciences with  
Distinction in the Curriculum

*In Liberal Arts and Sciences*

HOLLY DYNE ABRAMS, High Honors in  
Liberal Arts and Sciences with Dis-  
tinction in Microbiology  
CHERYL WILLOUGHBY ADKISSON

ADRIENNE CAMILLE ALLEN  
MARSHALL DARL AMESQUITA  
ROBERT MICHAEL AMRAM  
SANDRA JEAN ANDRES

- DEANNA JO ANTHONY, High Honors  
in Liberal Arts and Sciences with  
Highest Distinction in Psychology  
JAMES FRANK BARON, JR.  
EVELYN BARTENSTEIN  
LYNNE BARTENSTEIN  
THOMAS RAY BEAN  
ROBERT GEORGE BELL  
ALONDA BELPULSI  
MARY ELLEN ROCKWOOD BENARD  
WINFRIED HERMANN BERNHARD  
WILLIAM THOMAS BILLARD  
JAMES ALFRED BILYEU  
JAIRÓ BLANCO VILLAMIL  
JOHN CHARLES BOMKE, JR., High Hon-  
ors in Liberal Arts and Sciences  
with Distinction in Mathematics  
ROBERT JOSEPH BOUCEK, High Honors  
in Liberal Arts and Sciences  
EMERSON MARABAIN BOUCHARD  
MELVIN VICTOR BOULÉ, Honors in Lib-  
eral Arts and Sciences  
PAUL ANTHONY BRADY  
JOHN K. BROOKS  
MICHAEL GEORGE BUSCH  
HELENA ANN CATALFANO  
VIVIEN WAN-MAN CHAN, High Honors  
in Liberal Arts and Sciences with  
High Distinction in Mathematics  
and Computer Science  
LINDA ELAINE CHAPEK  
KAREN RAE CHERVENOCK  
SI-MAN CHEUNG  
LARRY EUGENE CLARK  
LAWRENCE JOHN CLAVELL, JR.  
ELLEN RUTH CLEARY  
SUSAN DARE COLEMAN, High Honors in  
Liberal Arts and Sciences  
CRYSTAL LOUISE COLLINSON  
CAROL SUE DECK, High Honors in Lib-  
eral Arts and Sciences  
BERNADETTE JEWELL DORAN  
DONNA SUSAN DUBIN  
ANTHONY JOSEPH FERRANTINO  
CHARLES WALMOR FURREY  
MARY ELLEN GESSLING  
JOHN WILLIAM GLEESON  
JOEL GILBERT GOLDEN  
GEORGE GOLDSMITH  
ADRIENNE ANNABEL GOLEY  
WAYNE MITCHELL GOODMAN  
JOLYNN REES GOWER  
TODD LEE GRACEN, Honors in Liberal  
Arts and Sciences  
BETH MARIE HALCROW  
ALMA HALSKI  
JAMES SHIRL HATFIELD  
MIRANDA YING HU  
FRANCES MARIA HURTADO  
CAROLE CLAUDETTE JONES  
LEE ANN KASKUTAS  
HOWARD DENNIS KAVINSKY  
STEPHANIE ANN KEMPTON  
DIMITRA TZANNES KRABBE  
ALAN SEYMORE KUSHNER  
STEPHEN PAUL LEAFE  
LARRY ALAN LEONE  
MARSHA TINA LEVIN  
DONALD EUGENE LIGHTER II, High Hon-  
ors in Liberal Arts and Sciences  
with Distinction in Microbiology  
JOSEPH RICHARD LITE, with Distinction  
in Psychology  
TERRANCE GUY LOGAN  
RONALD EARL LUCAS  
MARY ALISON FINNEGAN LYNCH  
MARGARET JOYCE MARR, Honors in Lib-  
eral Arts and Sciences  
JANICE MADSEN MEAGHER  
GAYLE MCCULLOUGH MEEK  
ALAN STEVEN MERKIN  
MARIANNE REGINA MIKESKA, Honors in  
Liberal Arts and Sciences  
BEATRICE ANN MILLS  
CARL EDWARD MILLS  
CARL DONALD MOELLENBERNDT  
CAROLYN VI MORIMITSU, High Honors  
in Liberal Arts and Sciences  
VERA JEAN REYNOLDS NAUTA  
PHILIP THOMAS NELSEN, JR., High  
Honors in Liberal Arts and Sci-  
ences  
PATRICK SHIU CHEUNG NG  
JOSEPH LARS PFEISTER  
ANTHONY VINCENT PISCOPO  
EVELYN JOAN PRAUER  
JOHN KIMBERLEY PRESCOTT  
WILLIAM THOMAS READ  
BRADLEY MARSHALL RHOADES, JR.  
LYNN PATRICIA ROGALLA  
WILLIAM STEWART RUBIN  
HOLLY TRUE SANDERS  
LINDA JEAN SCHALLER  
LEE RAYMOND SCHAR  
PHYLLIS CHRISTINE SELF  
PETER THOMAS SENTMAN  
ROBERT JOSEPH SILETTI  
GARY LAVERN SIMPSON  
KARLA ANN SLADKY  
JAMES EDWARD SLOUF  
LEONARD ALFRED SMOCK  
MARY CLICKENER STANTON  
JOSEPH WILLIAM STARKEY  
KAREN LERNER STARR, High Honors in  
Liberal Arts and Sciences with  
Highest Distinction in Mathematics  
and Computer Science  
GREGORY ALLEN SUMMERS  
NANCY LYNNE THATCHER  
STANISLAV LJUBOMIR VRSCAJ  
GEORGE LENWORTH WALKER  
ROBERT MILTON WALSH  
WILLIAM CHARLES WALTER  
DIANA SUE WEDEL

ROBERT CHESTER WEGRZYN  
MARILYN DOLORES WEST, High Honors  
in Liberal Arts and Sciences with  
High Distinction in Mathematics  
and Computer Science

MARJORIE WILLE WISEMAN  
THOMAS ANTHONY WOJDYGO  
IDRIS MAN-SHING YEUNG, High Honors  
in Liberal Arts and Sciences with  
Distinction in Mathematics

*In Physics*

RICHARD GARY ADAMS, High Honors in  
Liberal Arts and Sciences with  
Highest Distinction in the Curriculum

DAVID ROY FITZJARRALD, High Honors  
in Liberal Arts and Sciences with  
High Distinction in the Curriculum  
ROBERT LEWIS MILLER  
BEVERLY JEAN TIMM, with Distinction  
in the Curriculum

*In Speech Correction*

PHYLLIS MILLSTONE, High Honors in  
Liberal Arts and Sciences

*In the Teaching of Biology*

SALLY LOU ANDERSON  
SUE MARIE ANDERSON  
SHARON SUE BROWN  
ROBERT ALLEN HARLOW  
KARA MAY HSU  
BLANCHE MARIA JOHNSON  
DIANE KORICA

TERRENCE RICHARD MONDY, High Honors  
in Liberal Arts and Sciences  
with Distinction in the Curriculum  
PEGGY GRAY MAGNUSSON NIMER  
MARIBETH ROANE, High Honors in Liberal  
Arts and Sciences with Distinction  
in the Curriculum  
TERRY ALLEN ZACHARY

*In the Teaching of Chemistry*

WILLIAM CLOYD BRUMLEY

*In the Teaching of Mathematics*

BARBARA GAIL ANDERSON, High Honors  
in Liberal Arts and Sciences  
JOHN LENNARD BARKER  
NANCY JEANNE BUSH  
BARBARA JOHNSON CAMPBELL

SANDRA ORR  
JANICE MARSHA SUTOR, Honors in Liberal  
Arts and Sciences  
PATRICIA ANN TIEKEN, High Honors in  
Liberal Arts and Sciences

*In the Teaching of Physics*

JOHN CHARLES CARLETON

TERRY ROBERT DOWNING

COLLEGE OF LAW

Degree of Juris Doctor

BARRY DAVID BAYER, A.B., University  
of Chicago, 1964; Honors  
STEPHEN STODDARD BUCKLEY, B.S., 1963  
WILLARD ALLEN DILLOW III, B.A.,  
Southern Illinois University, 1966  
WALTER ARNOLD ENGDAHL, B.S., Cornell  
University, 1964  
THOMAS FRANKLIN GARDNER, B.A., Illinois  
Wesleyan University, 1966; Honors  
STEPHEN ELLIOT GOODMAN, B.S., 1966  
DENNIS MICHAEL GUSTAVSON, B.S., Illinois  
Wesleyan University, 1966  
NORMAN DALE JAMES, A.B., 1965  
MICHAEL JOHN KEWIN, B.A., St. Olaf  
College, 1966

JOHN STANLEY MCCREERY, B.A., Illinois  
Wesleyan University, 1965  
WARD FULFER McDONALD, B.S., 1964  
F. STEWART MERDIAN, B.A., Western  
Illinois University, 1964  
DENNIS GEORGE OPACKI, A.B., University  
of Michigan, 1966  
GEORGE EDWARD PAWLOWSKI, A.B., 1966  
JAMES ANDREW ROMANYAK, A.B., 1966  
PAUL TED SAHARACK, B.S., 1965  
GUIDO SIENI, Dott. Jur., Università di  
Sassari, 1961; M.C.L., 1967  
GERTRUDE ORA SIMMONS, A.B., 1964  
JOHN KENNETH SURMAN, A.B., 1966

## COLLEGE OF EDUCATION

## Degree of Bachelor of Science

*In Elementary Education*

SUSAN MARIE BAUM, Honors  
 ROSEMARY SUE BRADLEY  
 LAURA LEMON BYERLY  
 PAMELA JOY COLLINS  
 RUTH ANN DUFFY  
 TERRY LYN FLEWELLING  
 MARY KATHRYN FOCHTMAN, Honors  
 LINDA LOU GOODWIN  
 JANET HOHMAN HAAKE  
 CAROL JANE HAMM  
 JENNIFER BORESI HILL  
 CAROL BOESTER JACK  
 PHOEBE JENKINS  
 BONNIE SUE KATZMAN  
 NOREEN FRANCES KMIEC  
 BARBARA KOLODNY, Honors  
 BOBBIE DENNY MANNING

SUSAN NANCY MARCUS, Honors  
 MAUREEN THERESA MCHALE  
 ANN ELIZABETH MEIER  
 MICHELE ROJEK OLSEN  
 JANET SUE PETERS  
 BONNIE LEE RICHTER  
 SILVIA STENQUIST ROBERTS  
 JEANNE MARIE RUTLEDGE, High Honors  
 CANDACE CLARK SHAW  
 ARLENE CAROL SHUB  
 TERESA NAN SHUTE  
 ROSALYN CYNTHIA SONTZ  
 MARY JANE COLLIGNON SWANSON,  
 Honors  
 ELLEN DRAP TRANQUILLI, Highest  
 Honors  
 BARBARA LEE ZOBRIST, High Honors

*In Industrial Education*

ALAN LEE AAVANG  
 JAMES CLIFFORD ANDERSON  
 SIDNEY EDWARD BARNES  
 PETER HILLEBRAND  
 TIMOTHY LEE HOOD

THOMAS ANDERS JOHNSON  
 TERRY LEE LADAGE  
 WARREN JOSEPH PARTHEN  
 RALPH EUGENE SHAW  
 ROBERT ROY WINTER

*In Secondary Education*

ESTHER BOS ANDERSON  
 BARBARA CLAUSSEN BARAN  
 ANNE WHITE BEALL, Honors  
 ROBERT MURPHY BROOME  
 JOHN RUSSELL BUSSERT  
 JOHN EDDY CHACE  
 HOWARD EARL GILBERT  
 EARLETTA KAY HAMPTON

MICHAEL LEWIS HAYNES, High Honors  
 CYNTHIA HIGGINS HORMELL  
 DIANE VICTORIA KIHIL  
 SALLY MISNER LATHAM  
 GLENDA RUTH NIELSEN  
 WILLIAM ARTHUR SAVAGE  
 RALPH CHARLES SIEGMUND  
 VALERIAN ALEXANDER SUMMERVILLE

## COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION

## Degree of Bachelor of Science

*In Accountancy*

JOHN DAVID AMDOR  
 RICHARD DANIEL BATTEN  
 DALE EDWIN BEACHEY, Honors  
 IRIS RUTH BELLER  
 WAYNE BURBANK BENNETT  
 RICHARD LAVERNE BERG  
 MICHAEL FRANCIS BRESNAN  
 JAMES LESTER BUYSSE  
 WILLIAM ROGERS CASE  
 DAVID EDWARD CONGDON  
 MELVIN LEE COSTELLO  
 THEODORE WILLIAM DOST  
 MICHAEL RAY DUNLAP  
 JOHN DANIEL DUNNE  
 RICHARD KENT ELDER  
 DAVID JOEL GRANAT  
 GARY LEE GREENE

MICHAEL JOHN GROSS, Honors  
 ANN GUNTNER, Honors  
 DONALD LEO IWANSKI  
 MICHAEL HUBERT KENYON  
 JOHN BEVIS KNEZOVICH  
 RICHARD BRUCE KUMMER  
 TIMOTHY J. KYZIVAT  
 MARILYN LILLIENFELD  
 JAMES MATTHEW LUEBBERS  
 FRED LUKASIK  
 MICHAEL MCGOVERN, Honors  
 THOMAS WAYNE MONTGOMERY  
 JEFFREY ALAN MOORE  
 PAUL HENRY NYSTROM  
 TERRENCE LEO PETRUSKA  
 ROBERT WILLIAM RALPH  
 JAY ALAN ROWLAND

RICHARD GERALD RUDOLPH  
FRED HOWARD SCHER  
DONALD EDWARD SCHWENDNER  
TONY LEROY SCOTT  
WILLIAM JOSEPH SPANGLER  
CHARLES TODD THOMPSON

THOMAS ALAN TINGLEFF  
WILLIAM HENRY WEGMANN  
MARLIN LANNIS WILSON  
JOHN RICHARD ZIEREN  
FRANK ZIMMERMAN

#### *In Economics*

ROBERT WILLIAM BALCH  
LEO EUGENE BIRCHLER  
CHARLES ESCHMAN CURRAN III  
STEPHEN ALBERT HUSMAN  
SCOTT ROE LORENZ

MARGARET MARY NEAL  
THOMAS ALLAN NOWAK  
JAMES R. TERLIZZI  
LARRY RAY WEEKS

#### *In Finance*

JAMES WILLIAM ARENDT  
JAMES EDWARD BAKER  
FREDERICK ALLAN CAST, JR.  
JOHN FREDERICK CLENDENIN  
LAWRENCE RICHARD CRANE  
FRED ALEXANDER DEVIN, JR.  
GLENN ALLEN GIBBONS  
DONALD WILLIAM GRAFF, JR.  
EDWARD ERNEST HARTLINE  
ORIN LEE IRELAND, HONORS  
WILLIAM VICTOR KESSNER

RONALD ALAN KLOTZ  
RONALD WILLIAM KOKAL  
ROBERT ALFRED LAFLEUR  
JAMES THOMAS MCCURDY  
DEANE ARTHUR NELSON  
GLEN RUSSELL NOREN  
RICHARD ALAN ORLANDINO  
SCOTT JAY SCHWAB  
BRUCE ARTHUR SIMONS  
ROGER LEE SMITH  
GARY LESTER THOR

#### *In Industrial Administration*

RONALD KELSO AZBELL  
RODNEY GORDON BAUMGARTNER  
RICHARD WAYNE BEITZ  
JAMES CLIFFORD CARSWELL, HONORS  
RONALD PERRY CHARTRAU  
GEORGE DOUGLAS DUNBAR  
GEORGE VICTOR EIGHMEY  
WILLIAM JOSEPH FOX III  
WILLIAM JAMES FUNK  
GREGORY EDWARD GRIFFIN  
TERRANCE ALLEN HOLM  
HARRY EDMOND HULL, JR.

HERMAN MONTELL KLEMICK III  
SHEILA ANNE PUSEY  
JAMES ROE REINHARDT  
ROY SAMUEL RICKETTS, JR.  
MICHAEL DAVID ROBERTS  
JAMES ARTHUR SCHICK  
CLARENCE MARK SHUMAKER  
RONALD WAYNE SINGLETON  
WILLIAM EUGENE SLANINA, JR.  
LUCKY LANDT SOMERS  
WILLIAM LEE TUCKEY  
MARK EDWIN WEAVER

FRANK EDWIN GROTE

#### *In Management*

#### *In Marketing*

JEFFREY JAY BENDER  
STEPHEN LEE BENNETT  
RONALD WARREN BESS  
JAY LORENTZ BLUMQUIST  
PAUL EDWARD BRUHNKE  
GARY EUGENE BURCH  
JOHN STEPHEN CONCKLIN  
RICHARD DAVID EGGNER  
WILLIAM ALAN FRANK  
ROBERT ARTHUR GILLINGHAM  
KEITH MILAN KAHL  
PAUL ROBERT KEARNEY

LINDA JAYNE KEYSER  
GEOFFREY ALEXANDER MCCOACH  
MARC DAVID MEYERS  
PETER HOWARD MILIO  
JOSEPH ALBERT O'BRIEN  
JOHN ALLEN O'DEKIRK  
THOMAS LEE PARSONS  
ELAINE LOUISE POWELL  
THOMAS CHARLES SCHMIDT  
MICHAEL LAYNE TRABAND  
MARTIN EDWARD TURKIS  
DAVID EDWARD WRIGHT

### COLLEGE OF COMMUNICATIONS

#### Degree of Bachelor of Science

##### *In Communications*

RUDOLPH JOSEPH BENDA  
CHARLES HERBERT BULL, JR.  
JANET SUSAN EISEN

LAURENCE GEORGE FELKER  
DREW PAUL FITZGERALD  
ROBERT MICHAEL FORMAN

STEVEN MICHAEL FRIEDMAN, Honors  
 SYNTHIA RITA GUSS  
 FREDERICK DAVID HANSON  
 RICHARD HENRY HENRICHs  
 ELIZABETH NATHALIA HERBST  
 DENNIS JOSEPH JACOBSEN  
 MARSHALL STEPHEN JORPELAND  
 NANCY JEAN KRAINC  
 PETER GEORGE KRIWKOWITSCH  
 ROBERT GEORGE LOCANDER  
 DAVID LOZELL MARTIN  
 GEORGE PAUL McDONALD  
 JANICE SUE MOON, Honors  
 JUDITH MARGARET MORRIS  
 GAYLE LOUISE NIEMEYER

WILLIAM CHARLES NOXON  
 ARLENE MAE PAGE  
 DON FREDRICK RUHTER  
 ALLAN THOMAS SAMET  
 MARY KATHERINE SCOTT, Honors  
 JUNE ANN SMITH  
 RICHARD LAMBERT STUDWELL  
 RICHARD JAMES SYNNESTVEDT  
 PATRICIA ANN THOMPSON  
 RICHARD GAYLE WESTERN  
 DENNIS PAUL WILLIAMS  
 CAROLYN WHITE WOLCHOCK, High  
 Honors  
 ROBERT SAMUEL WOLCHOCK  
 DAVID LAWRENCE WOLKEN

### COLLEGE OF FINE AND APPLIED ARTS

#### Degree of Bachelor of Architecture

HARRY LONG BAXTER  
 JACK HAROLD BERGER  
 PETER BENO BRILL  
 CARL JOSEPH BRUCKMAN  
 ROBERT PATTEN BURNS, Honors  
 IAN ROOSEVELT CHIN  
 ERNEST HEDRIC CLAY  
 JAMES ROLLA CROUCH, Highest Honors  
 CONSTANTINO BENITO D'ANCA  
 JOSEPH LOUIS FARRUGGIA  
 DANIEL WALTER FIGERT, Honors  
 RONALD JOHN GALL  
 DOUGLAS PHILIP GOODMAN

JAMES DENNIS GROTHE  
 LAWRENCE JOSEPH HUELSMAN  
 WAYNE FRANK MACHNICH  
 DAVID ARTHUR MEYER  
 GARY LEE OLSEN  
 WILLIAM RICHARD OLSON  
 ARVID ERIC OSTERBERG  
 CAROL EVERS SCHAUBLE  
 RUSSELL WILLIAM SCHRAUT, JR.  
 STEPHEN ANTHONY SKONY, JR.  
 ROBERT REMPEL UNRAU  
 JOHN LAWRENCE VAN BUREN  
 JOHN CHARLES WANBERG

#### Degree of Bachelor of Fine Arts

##### *In Art Education*

MARY LOUISE COOKS, Honors  
 SHEILA HELENE EDELMAN, High  
 Honors

JERYLL ESTELLA HAAS  
 KRISTIN ADELE METZ

##### *In Crafts*

MARCIA GAIL PALMER

##### *In Graphic Design*

DEAN NICHOLAS ALEXANDER  
 MARY FRANCES BERGER  
 BARBARA JO BLEHM  
 OWEN EUGENE JENSEN, Honors

ROSLYN ANN JOHNSON  
 JOHN RAYMOND MORRISON, Honors  
 MARYLOU JEANNE SLONEK

##### *In Industrial Design*

ELLIOTT GEORGE DODGE III  
 FRANCIS JOSEPH EITER  
 STEVEN ALAN HENRICKS, Honors

GREGG CLOYD MONTGOMERY  
 DONALD FREDRICK NIX  
 JOHN RICHARD SPARKS

##### *In Painting*

RUBY CAROL GINSBERG MISKIE

##### *In Sculpture*

KIM MOSLEY

STEVEN MICHAEL PERSICO

#### Degree of Bachelor of Landscape Architecture

RICHARD GLENN LARKE

MAURICE ROBERT VICK, JR.



**Degree of Bachelor of Music**

KENNETH GORDON DODDS, High Honors	SARA ANN MIRANDA VARGAS, Highest Honors
JUDITH EINHORN HADDON	MARGARET MARY ROSO, Highest Honors
JAMES SMITH HATCH	

**Degree of Bachelor of Science***In Dance*

MARY ANN KATHERINE GRIFFIN	ADEL FOUGNIES MILLER
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*In Music Education*

CAROL BRINKMANN DAY, Honors	LINDA BEST MCGEE, Honors
GARY CLINTON GLETTY, High Honors	JUDY KAY REYNOLDS
KATHLEEN ANN HARNESS, Honors	CAROL LYNNE ROBERTS
JAMES SMITH HATCH	PHILLIP ROY SMITH, Honors
VIRGINIA STITT LOWREY, Honors	RONALD D. TASA

**Degree of Bachelor of Urban Planning**

GEORGE MICHAEL JOACHIM

**COLLEGE OF PHYSICAL EDUCATION****Degree of Bachelor of Science***In Physical Education*

PATRICIA LOUISE ALLES, Honors	DOROTHY MARY OSTAFIN
TONI JEAN ALLISON	MICHAEL WAYNE PETERSON
MARSHA SWINGER CURRY, Highest Honors	EDDIE LEE RUSSELL
RICHARD DALE ENGELHORN, Honors	SANDRA DOUGLAS SAWICKI
KEITH PAUL FOLEY	SCOTT LEE SODERSTROM
ELLIOTT GLABMAN	ARTHUR EDWIN STARK
HARRY CLIFTON GREGORY	ROBERT ERNST TEICHART, Jr.
FRANCIS HENRY JOHNSON, JR.	JAMES RICHARD TUREK
SUE ANNE LIVINGSTON	DEAN EDWARD VOLKMAN
BRUCE STEFFIN LOBERG	JAMES MICHAEL WELCH
SUSAN BARBARA McVICKER, Honors	THOMAS GEORGE WESSELS, High Honors
WILLIAM JOSEPH MURRAY	JEFFREY MICHAEL WOLF

*In Recreation*

HELEN CHALMERS	WALTER PETER MAKSYM, JR.
GERI ANN ERENBERG	KAREN HOPKINS PHELPS
SHIRLEY ANN FLEMING	MARGARET ANN REED
CHERYL ANN GANDOLFI	NANCY LEE SERGO
SALLY LEE LUETTICH	BARBARA ANN WAHL

**COLLEGE OF VETERINARY MEDICINE****Degree of Bachelor of Science***In Veterinary Medicine*

TERRY LEE BECKER

**SECRETARY'S REPORT**

The Secretary presented for record the following lists: appointments to the faculty made by the President; declinations and resignations; leaves of absence; cancellation of leave of absence; retirement; and the following cancellations of sabbatical leaves of absence:

**Cancellations of Sabbatical Leave of Absence, Urbana**

JOHNSON, WALTER M., Director of Extension in Visual Arts and Professor of Art — sabbatical leave of absence, on full pay, granted him for six months from February 1, 1969, cancelled without prejudice.

METZGER, MARVIN, Professor of Physical Metallurgy — sabbatical leave of absence granted him for the second semester, 1968-69, on full pay, cancelled without prejudice.

A copy of the report is filed with the Secretary.

**RECESS AND EXECUTIVE SESSION**

President Swain announced that an executive session had been requested and was being ordered for consideration of property acquisitions.

On motion of Mr. Clement, the Board recessed for five minutes.

When the Board reconvened in executive session, the same members, officers of the Board, and officers of the University were present as listed at the beginning of these minutes.

The Board considered the following items of business.

**ACQUISITION OF PROPERTY AT 808 SOUTH FIFTH STREET,  
CHAMPAIGN**

(33) On July 27, 1966, the Board of Trustees adopted a resolution that the property at 808 South Fifth Street, Champaign, was needed by the University for expansion of parking facilities in the central west area of the campus and that the title to subject land would be acquired by exercise of its right of eminent domain through condemnation proceedings. In addition, the Board authorized settlement within the appraisals received by the University. Negotiations have continued with the owners who are now willing to accept a price within University appraisals.

Accordingly, the President of the University, with the concurrence of appropriate administrative officers, recommends that the property at 808 South Fifth Street, Champaign, be acquired at a price of \$32,000, subject to customary closing adjustments. The property consists of a lot 57 feet by 49.5 feet (2,821.5 square feet) and is improved with a two-story frame residence. The improvements will be demolished and the land used as part of the site for the parking structure.

Funds are available in state capital appropriations to the University for 1967-69 and have been released by the Governor.

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

**AUTHORIZATION FOR CONVEYANCE OF LAND TO  
STATE UNIVERSITIES RETIREMENT SYSTEM, CHAMPAIGN**

(34) The State Universities Retirement System and the University Civil Service Merit Board currently occupy space in temporary structures on the Urbana-Champaign campus. The Retirement System plans to construct a building and to lease a portion of it to the Merit Board. The General Assembly will be requested to approve financing and construction of the building and the transfer of title to the site from the University to the Retirement System.

The Retirement System and the Merit Board prefer a site of approximately 2.3 acres west of First Street Road and south of St. Mary's Road on Gerty Drive in Champaign, immediately west of the State Office Building. In order for the Retirement System to construct a building on this site, it will be necessary for the University to convey title to the site to the Board of Trustees of the State Universities Retirement System, a public corporation of the State of Illinois.

Accordingly, the President of the University, with concurrence of appropriate administrative officers, recommends approval in principle of the transfer of title to the site as outlined above. At the time the General Assembly of Illinois adopts an Act authorizing the project and the transfer of title to the site to the State Universities Retirement System, a formal resolution will be presented to the Board of Trustees.

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

On motion of Mr. Pogue, the Board adjourned.

EARL W. PORTER  
*Secretary*

TIMOTHY W. SWAIN  
*President*

#### LUNCHEON

Guests of the Board at lunch were from the College of Nursing. They included: members of the Executive Committee, department chairmen, officers of the Student Council, class presidents, and representatives of the graduate students.

#### PRESENTATION OF STATUETTE TO MR. WILLIAMSON

Mr. Swain, on behalf of the Trustees, and President Henry presented a miniature of Lorado Taft's Alma Mater statue to Mr. Kenney E. Williamson in recognition of his contribution to the Board and to the University.

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

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**March 19, 1969**



The annual meeting of The Board of Trustees of the University of Illinois was held in the Faculty Lounge of the Illini Union, Urbana, Illinois, on Wednesday, March 19, 1969, beginning at 9:30 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, Governor Richard B. Ogilvie, Mr. Harold Pogue, Mr. Russell W. Steger, Mr. Timothy W. Swain. Mr. Ray Page and Dr. James A. Weatherly were absent.

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

### NEW MEMBER OF THE BOARD

The President of the Board welcomed Mr. Russell Steger to membership on the Board of Trustees.

### PRESIDENT TIMOTHY W. SWAIN

Mr. Swain expressed his appreciation of the support he had received as president and for the honor of serving as the presiding officer of the Board. He indicated, as he had stated previously, that the pressing demands of his legal practice made it impossible for him to be a candidate for the office for another year.

### ELECTION OF OFFICERS

The Board took up the special order of business for the annual meeting and Mr. Swain called for the election of officers.

### President of the Board

Governor Ogilvie was recognized and placed in nomination Mr. Earl M. Hughes. In so doing, he made the following statement:

First, I want to say it is with a great deal of pleasure that I attend my first meeting as an ex officio member of the Board. I want to congratulate the retiring President for an outstanding job in this very critical responsibility as president. It is my understanding that there is a precedent for the Governor of Illinois to attend the annual meetings of The Board of Trustees of the University of Illinois. Even if it were not a precedent, I would be happy to establish it.

My strong interest in the University of Illinois, indeed in higher education generally, I believe has already been expressed on a number of occasions and will become increasingly evident in the years ahead. There is no way for Illinois to maintain its leadership among the states without a firm commitment to a comprehensive system of higher education. My schedule has been literally filled with meetings on the various university campuses because this administration is seeking massive support through the expertise of the educational community as we undertake to meet the pressing problems that face this State. Therefore, I consider it a special privilege to be present today to nominate a candidate for presidency of the Board of Trustees. Mr. Earl Hughes of Woodstock is a member of the Class of 1929 of this University. Since that time he has had a distinguished career in the field of agriculture both here in Illinois and nationally. He is well known for his concern for the well being of the University of Illinois and of education in general. Gentlemen, it is with a great deal of pleasure that I place in nomination the name of Earl Hughes for the office of President.

Mr. Jones seconded the nomination.

On motion of Mr. Grimes the nominations were closed. The Secretary was directed to cast a unanimous ballot for Mr. Hughes.

The ballot was so cast, and Mr. Hughes was elected President of the Board, to serve until the next annual meeting of the Board in March, 1970, or until his successor shall have been elected.

Mr. Hughes assumed the chair and spoke briefly, stating that he considered the office as one of high honor and of public trust. He expressed his thanks to Governor Ogilvie for his participation in the meeting. He pledged his service to the best of his ability.

Mr. Grimes also asked that an expression of appreciation of Mr. Swain's services be prepared and placed in the minutes. The President of the University asked that the recommendation include similar ex-

pressions on behalf of the administrative staff of the University. The motion was approved unanimously.

**To Timothy W. Swain**

The Board of Trustees of the University of Illinois hereby expresses its grateful appreciation of your services as its President during the past sixteen months.

During these months numerous complex problems and issues have been before the Board, and the members appreciate your presiding with fairness and efficiency. The Trustees are particularly aware of the great demands in time and personal sacrifice involved in the position of President in representing the Trustees beyond the meetings.

The members further express to you their pleasure that you will continue to provide leadership through your acceptance of a place on the Executive Committee of the Board.

The Board of Trustees directs that this resolution be incorporated in the minutes of today's meeting to become a part of the official record.

**Secretary of the Board**

Mr. Clement nominated Mr. Earl W. Porter.

On motion of Mr. Hahn, the nominations were closed, and Mr. Porter was declared elected Secretary of the Board, to serve until the next annual meeting of the Board in March, 1970, or until his successor shall have been elected.

**Comptroller of the Board**

Mr. Swain nominated Mr. H. O. Farber.

On motion of Mr. Clement, the nominations were closed, and the Secretary was instructed to record the unanimous ballot of the Board for the election of Mr. Farber as Comptroller. The ballot was so cast, and Mr. Farber was declared elected Comptroller, to serve until the next annual meeting of the Board in March, 1970, or until his successor shall have been elected.

**Executive Committee**

Mr. Grimes nominated Mr. Howard W. Clement and Mr. Timothy W. Swain to serve as members of the Executive Committee, with the President of the Board as Chairman, for one year.

On motion of Mr. Jones, the nominations were closed and the Secretary was instructed to cast the unanimous ballot of the Board for the election of Mr. Clement and Mr. Swain as members of the Executive Committee of the Board of Trustees, to serve until the next annual meeting of the Board in March, 1970, or until their successors shall have been elected. The ballot was so cast, and Mr. Clement and Mr. Swain were declared elected to the Executive Committee.

**Treasurer of the Board**

Mr. Swain nominated Mr. R. R. Manchester, a Vice-President of the First National Bank of Chicago, as Treasurer of the Board.

On motion of Mr. Jones, the nominations were closed and the Secretary was instructed to record the unanimous ballot of the Board for

Mr. Manchester as Treasurer of the Board of Trustees for a two-year term in accordance with the statutory provision for a biennial term for Treasurer. The ballot was so cast and Mr. Manchester was declared elected Treasurer to serve until the second Tuesday in March, 1971, or until his successor shall have been elected and qualified.

#### **TREASURER'S BOND**

On motion of Mr. Swain, the Treasurer's bond was fixed at \$6,000,000.

On motion of Mr. Grimes, the Finance Committee was instructed to see that the Treasurer presents a satisfactory bond in the amount specified above and to report the same to the Board.

#### **AUTHORITY TO RECEIVE MONEYS**

Mr. Grimes offered the following resolution and moved its adoption:

*Resolved*, that the Treasurer of The Board of Trustees of the University of Illinois be, and he hereby is, authorized to receive and receipt for all moneys, and to endorse all orders, drafts, and checks due and payable to the Board of Trustees or to the University of Illinois, and especially all drafts drawn by the Treasurer of the United States payable to the Board of Trustees or the University of Illinois.

This resolution was unanimously adopted.

#### **DELEGATION OF SIGNATURES**

Mr. Swain offered the following resolution:

*Resolved*, that the President and the Secretary of The Board of Trustees of the University of Illinois are authorized to delegate the signing of their names as President and Secretary, respectively, to vouchers to be presented to the Auditor of Public Accounts, and to warrants drawn on the Treasurer of the University, under the following conditions:

The President of the Board of Trustees is authorized to delegate to C. O. Parvin, R. N. Parker, in Urbana, and to James E. Osborn, David W. Bonham, Walter E. Cowart, R. E. Porter, H. O. Albers, A. W. Catrambone, in Chicago, and to C. H. Moody, Helen Culbertson, in Springfield, authority to sign his name as President of the Board of Trustees to vouchers against the Auditor of Public Accounts; and to C. C. DeLong, R. W. Zimmer, W. M. Griffith, in Urbana, and to James E. Osborn, David W. Bonham, Walter E. Cowart, R. E. Porter, H. O. Albers, L. Rea Jones, in Chicago, authority to sign his name to warrants on the University Treasurer covering vouchers approved in accordance with regulations approved by the Board.

The Secretary of the Board of Trustees is authorized to delegate to R. C. Wicklund, George H. Bargh, Virginia J. Hendrix, in Urbana, and to Anthony J. Diekema, Robert A. Jungmann, Margaret Clancy, H. W. Bailey, James R. Woolwine, Joseph S. Carlson, in Chicago, authority to sign his name as Secretary of the Board of Trustees to vouchers against the Auditor of Public Accounts and to warrants on the University Treasurer covering vouchers approved in accordance with regulations of the Board. The Secretary of the Board of Trustees is also authorized to delegate to Lean C. Ryan, Addalein C. Hawk, in Springfield, authority to sign his name as Secretary of the Board of Trustees on vouchers against the Auditor of Public Accounts approved in accordance with the regulations of the Board.

These authorizations are to continue in effect until the Auditor of Public Accounts has been supplied with specimen signatures of succeeding officers of this Board. And be it further

*Resolved*, that the First National Bank of Chicago as a designated depository of R. R. Manchester, Treasurer of this corporation, be and it (including its correspondent banks) is hereby requested, authorized, and directed to honor checks, drafts, or other orders for the payment of money drawn in this corporation's name, including those drawn to the individual order of any person or persons whose name or names appear thereon as signer or signers thereof, when bearing or purporting to bear the facsimile signatures of the two following: President and Sec-

retary; and the First National Bank of Chicago (including its correspondent banks) shall be entitled to honor and to charge this corporation for all such checks, drafts, or other orders, regardless of by whom or by what means the facsimile signature or signatures thereon may have been affixed thereto, if such facsimile signature or signatures resemble the facsimile specimens duly certified to or filed with the First National Bank of Chicago by the Secretary or other officer of this corporation. And be it further

*Resolved*, that the Auditor of Public Accounts is hereby authorized and directed to honor vouchers bearing facsimile signatures of the President and Secretary of The Board of Trustees of the University of Illinois if such facsimile signatures resemble the facsimile specimens duly certified to or filed with the Auditor of Public Accounts by the Secretary.

This resolution was unanimously adopted.

#### RECESS

At the request of the press, the Board agreed to recess for ten minutes to permit the taking of photographs. At this point, Governor Ogilvie asked to be excused from the meeting.

#### STANDING COMMITTEES FOR 1969-70

The President of the Board appointed the following standing committees to serve during the year 1969-70, or until their successors have been appointed following the annual meeting of the Board of Trustees in March, 1970.

The President of the University is a member *ex officio*, of all standing committees.

##### *Agriculture*

TIMOTHY W. SWAIN, Chairman  
HAROLD POGUE  
JAMES A. WEATHERLY

##### *Alumni*

TIMOTHY W. SWAIN, Chairman  
HAROLD POGUE  
RUSSELL W. STEGER

##### *Athletic Activities*

HAROLD POGUE, Chairman  
RALPH C. HAHN  
RUSSELL W. STEGER

##### *Buildings and Grounds*

RALPH C. HAHN, Chairman  
HOWARD W. CLEMENT  
DONALD R. GRIMES  
THEODORE A. JONES  
HAROLD POGUE  
TIMOTHY W. SWAIN

##### *Chicago Departments*

HOWARD W. CLEMENT, Chairman  
DONALD R. GRIMES  
THEODORE A. JONES

##### *Finance*

DONALD R. GRIMES, Chairman  
HOWARD W. CLEMENT  
RUSSELL W. STEGER

##### *General Policy*

HOWARD W. CLEMENT, Chairman  
DONALD R. GRIMES  
RALPH C. HAHN  
THEODORE A. JONES  
TIMOTHY W. SWAIN

##### *Nonacademic Personnel*

Also representatives on the Civil Service Merit Board

DONALD R. GRIMES, Chairman  
RALPH C. HAHN  
THEODORE A. JONES

##### *Patents*

THEODORE A. JONES, Chairman  
HOWARD W. CLEMENT  
DONALD R. GRIMES

##### *Student Welfare and Activities*

RALPH C. HAHN, Chairman  
THEODORE A. JONES  
JAMES A. WEATHERLY

**BUSINESS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY**  
The Board took up consideration of 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.

**BUDGET FOR 1969 SUMMER QUARTER AND FACULTY  
APPOINTMENTS, MEDICAL CENTER CAMPUS**

(1) Submitted herewith are the budget and appointments to the faculty for the 1969 Summer Quarter at the Medical Center from June 23 through September 6, 1969.

The total budget is for salaries in the amount of \$20,746.

The salaries recommended are computed on the basis of one-third of the salary of the academic year for a full quarter of service, with proportionate amounts for shorter periods or for part-time service.

I recommend that these appointments to the summer quarter staff at the Medical Center be approved as submitted, and that the President of the University be authorized to accept resignations and make such changes and adjustments and additional appointments as are necessary in accordance with the needs of the University within the allocations of funds indicated.

On motion of Mr. Grimes, these appointments and the summer quarter budget for 1969 for the Chicago Medical Center were approved and authority was given as requested. This action was taken by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Pogue, Mr. Steger, Mr. Swain; no, none; absent, Governor Ogilvie, Mr. Page, Dr. Weatherly.

	<i>Per Cent Time</i>	<i>Proposed Amount</i>
<b>College of Nursing</b>		
1. 2.0 FTE Assistants.....	100	\$ 4 668
2. 1.0 FTE Assistant (July 14 through September 6).....	100	1 746
		(6 414)

**College of Pharmacy**

**Department of Pharmaceutical Chemistry**

1. Ralph Daniels, Professor (June 23 through July 29).....	100	\$ 2 800
2. Dominick A. Coviello, Associate Professor (July 30 through September 6).....	100	2 184
3. 1.0 FTE Assistant.....	100	1 667
		(6 651)

**Department of Pharmacy**

1. Bernard Ecanow, Associate Professor (August 13 through September 6).....	100	\$ 1 556
2. Robert Mrtek, Assistant Professor (July 18 through August 12).....	100	1 312
3. Harold J. Rhodes, Associate Professor (June 23 through July 17).....	100	1 512
4. Frederick Siegel, Associate Professor (June 23 through July 30).....	100	2 467
5. 1.0 FTE Assistant.....	50	834
		(7 681)

**AWARD OF CERTIFIED PUBLIC ACCOUNTANT CERTIFICATES**

**(Under Sections 1, 2, and 3, of the Illinois Accountancy Act of 1943)**

(2) The Committee on Accountancy recommends that the certificate of Certified Public Accountant be awarded to the following candidates who passed the standard written examination given in November, 1968, and who have fulfilled all other legal requirements under Sections 1, 2, and 3 of the Illinois Accountancy Act of 1943 as amended:

ROGER CHARLES ALBERT, La Grange  
Park  
LEONARD BROWN ALLEN, Colona

ALPHONSO JOHN AMICO, Chicago  
THOMAS JOHN BABIARZ, Dixon  
RUSSELL BAKER, Skokie

- JAMES JOHN BAUDENDISTEL, Evanston  
 DANIEL RAY BAUER, Des Plaines  
 EDWARD ANTHONY BAYER, Jr., Lincoln  
 WILLIAM HENRY BEAVER, Chicago  
 MOISES BENHABIB, Chicago  
 JOSEPH ALVAN BENJAMIN, Lincolnwood  
 DONALD LEROY BENNETT, Quincy  
 MICHAEL LEWIS BENOIT, Chicago  
 RICHARD LAVERNE BERG, Lincoln  
 JORDAN CHARLES BERGER, Chicago  
 JOHN DALE BIRKENMAIER, Quincy  
 WILLIAM LOUIS BLACKWELL, Chicago  
 DENNIS IYRON BLEVIT, Skokie  
 BRIAN PARKER BOLLMAN, Peoria  
 MICHAEL FRANCIS BRESNAN, Champaign  
 EDWARD BROOKS, Skokie  
 ROBERT JOEL BUSH, Chicago  
 JOSEPH RALPH CALI, Braidwood  
 DALE LAWRENCE CANFIELD, Addison  
 RICHARD EUGENE CHAMBLIN, Decatur  
 TERENCE JAMES CLARK, Jr., Roselle  
 ROGER HENRY CLAUSEN, Mount Prospect  
 KAREN ANN COLLINS, Chicago  
 MARY ANN CONLEY, Riverdale  
 JEROME JOHN CONN, Elmhurst  
 THOMAS JOHN CZUBAK, Chicago  
 RAYMOND WILLIAM DAMM, Chicago  
 RICHARD THOMAS DESIMONE, Lombard  
 CARL ERNST DICKOW, Rockford  
 GLENN WILLIAM DODD, Evergreen Park  
 THOMAS JOSEPH DOLPHIN, Colona  
 GREGORY JOHN DOWNEY, River Grove  
 DONALD ARTHUR EKSTEDT, Oak Park  
 VICTOR S. FARACI, Skokie  
 LOUIS ALLEN FEIGENBERG, Chicago  
 FRED LOUIS FELIX, Oak Park  
 DANIEL JAY FENSIN, Des Plaines  
 ROBERT ARNOLD FERENCZ, Chicago  
 LAWRENCE HOWARD FISHER, Chicago  
 EDWARD WILLIAM FITZGERALD, Jr., Winnetka  
 LINDA HELAINE FORMAN, Skokie  
 DAVID MICHAEL FOX, Forest Park  
 JOHN PHILIP FOX, Villa Park  
 JEFFREY EDWIN FRANZEN, Chicago  
 MICHAEL EDWIN FRIEDLANDER, Chicago  
 JAMES ALLEN FRIEDLIEB, Skokie  
 ELLIOTT MICHAEL FRIEDMAN, Chicago  
 JOSEPH ARTHUR FRUCHTER, Chicago  
 LARRY IRA FUQUA, Park Forest  
 RONALD GEORGE GARFINKLE, Northbrook  
 ROBERT ARTHUR GASKINS, Chicago  
 RONALD EDWARD GEIB, Chicago  
 JOHN ROBERT GLASS, NILES  
 BRUCE BARRETT GOBEYN, Chicago  
 STEPHEN BARRY GOLD, Des Plaines  
 PERRY EPHRAIM GOLDBERG, Skokie  
 MARVIN LEOPOLD GOLDSCHMIDT, Chicago  
 JOSEPH RAYMOND GOMOLSKI, Chicago  
 ANDREW JOSEPH GONCARCZYK, Chicago  
 RAY ANDREW GOOD III, River Forest  
 ENOCH RAMSEY GORDON, Chicago  
 JACK HOWARD GORE, Chicago  
 CHARLES RONALD GREENE, Taylorville  
 GARY LEE GUELDER, Charleston  
 JOHN STANLEY GUENTHER, Chicago  
 CHARLES BENTON GUEST, Chicago  
 TIMOTHY RAYMOND GUIHEEN, Chicago  
 CLARENCE WILLIAM HAACK, Jr., Berwyn  
 HOWARD MICHAEL HABERMAN, Chicago  
 DONALD EDWARD HACKE, Park Ridge  
 CLAYTON MAXWELL HAFERKAMP, Morton  
 ROGER KEITH HAINS, Sawyer Air Force Base  
 RICHARD JOHN HAMMER, Chicago  
 WILLIAM JOSEPH HANFLAND, Decatur  
 PHILIP MAX HANLEY, Urbana  
 THOMAS ALLAN HANLON, Chicago  
 VIRGIL LEROY HANNIG, Murphysboro  
 JOHN WILLIAM HANSEN, Decatur  
 EDWARD HAROLD HARD, Jr., Riverdale  
 JANE ALLEN HARDY, Wilmette  
 JAMES DEAN HARTMAN, Addison  
 JAMES DALE HARTRICK, Mount Prospect  
 THOMAS PAUL HAUGH, Chicago  
 JOSEPH EDWARD HEERY, Chicago  
 JESSE HERNANDEZ, Chicago  
 JERRY AUSTIN HICKAM, Murphysboro  
 JAMES CHARLES HILL, Evanston  
 CLAYTON ALLEN HOCK, DeKalb  
 STEPHEN PETER HOFFMAN, Chicago  
 WILLIAM ARTHUR HOLLAND, Chicago Heights  
 JAMES WALDO HOWARD, Chicago  
 ROBERT L. HULL, Riverdale  
 BRAD JAY IMIG, Evanston  
 BRUCE CARLISLE JOHNSON, Justice  
 ROBERT JAMES JOHNSON, Chicago  
 AUSTIN JONES, Chicago  
 MANFRED RICHARD JUNG, Oak Park  
 THOMAS VINCENT KALEBIC, Clarendon Hills  
 MATTHEW ANTHONY KASS, Western Springs  
 WILLIAM ROBERT KASTIEN, Peoria  
 DAVID KATZ, Chicago  
 LARRY ROSEN KATZEN, Chicago  
 ROBERT BENJAMIN KLUGER, Glen Ellyn  
 WINFRED ALLEN KNAPP, Sycamore  
 GENE MICHAEL KOZIKOSKI, Lyons  
 WILLIAM FRANK KRZYSIAK, Chicago  
 THOMAS WALTER KUCHTA, Lansing  
 JAMES DALE KUNZ, East Peoria  
 MARK HERBERT LARKON, Skokie  
 GEORGE PARSONS LANGAN, Jr., Springfield  
 JAMES MARTIN LARKIN, Chicago  
 RONALD CHARLES LATHOUWERS, Brookfield  
 MICHAEL EDWARD LAVIN, Evanston  
 DAVID RUBEN LAWRENCE, Chicago  
 LEONARD GORDON LEVINE, Chicago  
 FREDERIC EDWIN LIEBER, Chicago  
 ANTHONY JOHN LISIAUSKAS, Chicago

RICHARD ALAN LISS, Chicago  
 LEWIS NORMAN LISZT, Chicago  
 DENNIS JOHN LOHNES, Decatur  
 KENNETH STANLEY LOREK, Chicago  
 BERNARD WILLIAM MADDEN, Winfield  
 EDWARD GEORGE MAIER, Chicago  
 CHARLES JOSEPH MALONEY, Chicago  
 IVAN MAYOR MARKS, San Diego,  
 California  
 DONALD EVERETT McDONOUGH,  
 Woodridge  
 CARL EUGENE MCGEATH, Jr., Mount  
 Prospect  
 JAMES THOMAS MCGILL, Dolton  
 JOHN FRANCIS MCGLONE, Hazel Crest  
 RICHARD JOSEPH McLAUGHLIN, Chicago  
 DANIEL RICHARD McLEAN, Oak Park  
 JAMES JOSEPH McMAHON, Chicago  
 LLOYD BURTON McMANUS, Jr., Chicago  
 WILLIAM JOSEPH McNICHOLAS, Country  
 Club Hills  
 ARLENE ROMMEL McOLASH, Chicago  
 THOMAS EDWARD MEAD, Arlington  
 Heights  
 DENNIS NOEL MELIN, Chicago  
 HELMUT MICHAEL MLAKAR, Chicago  
 DENNIS RASK MOGENSEN, La Grange  
 RALPH MERVIN MONTS, Decatur  
 DAVID EDMUND MOSS, Peoria  
 TERRENCE MICHAEL MOYNIHAN, Alsip  
 MARC LESLIE MUSKAT, Skokie  
 ROBERT EMMETT MYRON, Jr., Chicago  
 RASMA NARINS, Chicago  
 LOUIS EDWIN NELSON, Northlake  
 JERALD JOHN NEWBROUGH, Oak Park  
 RALPH WILLIAM NICKEL, Harwood  
 Heights  
 STANLEY JOSEPH NIEMIEC, Jr., Chicago  
 PAUL ELLIOTT OBERMAN, Evanston  
 ROBERT PATRICK O'BRIEN, Jr.,  
 Westchester  
 PHILIP ALAN OHLSON, Melrose Park  
 ROBERT EUGENE O'MALLEY, Evergreen  
 Park  
 JAMES JOSEPH O'NEILL, Chicago  
 JERROLD SIDNEY ORLOFF, Chicago  
 ROCHELLE GREEN PANNER, Chicago  
 RODNEY JOHN PAQUETTE, Hoffman  
 Estates  
 SAMUEL PASS, Des Plaines  
 HERBERT DWIGHT PATRIARCHE,  
 Wheaton  
 DENNIS HENRY PATZ, DeKalb  
 EDWARD BOWMAN PETTEGREW, Jr.,  
 Westmont  
 JOHN MATTHEW PIDICK, River Forest  
 MICHAEL JEFFREY PIERCE, Chicago  
 RICHARD THOMAS PINES, Chicago  
 FREDERICK LEWIS PIPIN, Hinsdale  
 JAMES MATTHEW PIOWARCZYK,  
 Chicago  
 EDWARD D. POPE, Brookfield  
 GENE RICHARD POTTS, Peoria  
 RICHARD GLENN RADEMACHER, Palatine

JAMES EDWARD RAMEY, Springfield  
 ROBERT FREED RANDOLPH, Champaign  
 DONALD HENRY RATNER, Chicago  
 DAVID JOHN RAY, East Moline  
 ELIZABETH AGNES REID, Rockford  
 DONALD WAYNE REITER, Bellwood  
 ROBERT A. REITSCH, Rockford  
 ROBERT HENRY RENDAK, Westmont  
 JERRY LEE RHODS, Mount Prospect  
 JOHN LYMAN RILEY, Champaign  
 MICHAEL ZACHARY ROCKIN, Chicago  
 HANS HAROLD RODERICH, Chicago  
 HOWARD SHELDON ROSELL, Chicago  
 MARTIN EARLE ROSENFELD, Evanston  
 JERRY ALLEN ROSS, Carbondale  
 WAYNE HERBERT ROTH, Wilmette  
 ARLEN DENNIS RUBIN, Chicago  
 RICHARD PHILLIP RUBINSTEIN, Skokie  
 PATRICK JOSEPH RYAN, Downers Grove  
 JOHN JOSEPH SCHAEFER, Elmwood Park  
 RALPH JAMES SCHEIDT, Harvey  
 SIDNEY SCHIFFMAN, Glenview  
 ROBERT ALBERT SCHMALZ, Chicago  
 ALLEN NEAL SCHMELTER, Des Plaines  
 KEITH ALLEN SCHMIDT, Wilmette  
 FRANK JOSEPH SCHNEIDER, Jr., Roches-  
 ter, New York  
 RICHARD FRANCIS SCHUESSLER,  
 Bensenville  
 ROBERT SCHWARTZ, Chicago  
 MARVIN HOWARD SELINE, Chicago  
 MARTIN SEWARD, Arlington Heights  
 WALTER ANTHONY SHELDON, Jr., Villa  
 Park  
 ROBERT LAWRENCE SIEGEL, Chicago  
 PHILIP GEORGE SIMONDS, Evanston  
 KENNETH RAY SIRESS, Chicago  
 WALTER JOHN SLUZAS, Dolton  
 KENT ALLUN SMITH, Chicago  
 ROBERT AARON SMOLLER, Chicago  
 GENE RUSSELL SOLOMON, Skokie  
 WALTER TELL STELZEL, Chicago  
 FRANK EUGENE STEPHEN, Jr., Riverside  
 JOHN THOMAS STEPHENS III, South  
 Chicago Heights  
 EDWARD JAMES STRASMA, Mount Zion  
 JOSEPH GEORGE TEMBORIUS, Lombard  
 WILLARD STEPHEN THOMAS, Glen Ellyn  
 IVAN STANLEY TOPEL, Skokie  
 FRANK MILTON TRENT, Chicago  
 GLENN WILLIAM TROTTER, Villa Park  
 LELAND ENOCH TRUSNER, Decatur  
 EUGENE LEONARD URBAN, Oak Brook  
 ROY ALLEN VICIAN, Gary, Indiana  
 DAVID ROBERT VOGEN, San Rafael,  
 California  
 DONALD JOHN WAGNER, Chicago  
 STEPHEN MARTIN WASSERMAN, Chicago  
 WILLIAM RICHARD WAUGH, Rockford  
 ROBERT LOUIS WEAVER, Chicago  
 MICHAEL THOMAS WEBER, Strassburg  
 ROBERT HENRY WEIK, DeKalb  
 JEFFREY MICHAEL WEINER, Highland  
 Park

RITA ROSE WHALEN, Chicago  
 ALLEN KENT WHITED, Decatur  
 ROGER GREGORY WILDERMUTH, Aurora  
 DAVID ERIC WILHELMSSEN, Evanston  
 NICHOLAS THOMAS WILKE, Chicago  
 CHARLES DEON WINDERS, Mattoon  
 JOHN CRERAR WINTON, Elmhurst  
 JAMES FRANK WOLD, Des Plaines

GENE WONG, Oak Park  
 RICHARD JOSEPH WOOD, Oak Park  
 JAMES RICHARD WOODROW, Berwyn  
 LARRY VERN WRIGHT, Lisle  
 JOHN GEORGE WRONSKI, Chicago  
 LARRY MARTIN ZANGER, Chicago  
 GLENN WALTER ZOELLICK, Itasca  
 JUDE PHILIP ZWICK, Naperville

I concur.

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

#### AWARD OF CERTIFIED PUBLIC ACCOUNTANT CERTIFICATES (Under Section 5 of the Illinois Accountancy Act of 1943)

(3) 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>
RODNEY GENE ENSLEY	Wheeling, Illinois	Ohio
WILLIAM SALOWE	Arlington Heights, Illinois	New Jersey
THOMAS GUTHRIE SECORY	Normal, Illinois	Missouri
ROGER ALLEN THEIS	Chicago, Illinois	Wisconsin

I concur.

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

#### APPOINTMENTS TO THE CENTER FOR ADVANCED STUDY

(4) After consultation with the Policy Committee of the Center for Advanced Study, the Dean of the Graduate College at Urbana, with the concurrence of the Chancellors at Urbana and Chicago Circle, recommends the following appointments of Associates in the Center for Advanced Study at the Urbana-Champaign campus for the academic year 1969-70 and for the program of research or study as indicated in each case.

I concur.

##### Chicago Circle

VICTOR TWERSKY, Professor of Mathematics, for the academic year, to study the effects of spatial correlations and clusters in scattering of waves and to seek better approximations for multiple scattering in dense distributions.

J. B. WOLF, Professor of History, for the spring quarter, to pursue his research for a book relating to the history of the Barbary pirates in the sixteenth and seventeenth centuries.

PAUL ZIFF, Professor of Philosophy, for the winter quarter, to continue work on a collection of essays devoted to the philosophy of language and semantics.

##### Urbana-Champaign

J. C. BAILAR, JR., Professor of Chemistry, for the second semester, to continue research and writing on the chemistry of coordination compounds.

PETER BODNAR, Associate Professor of Art, for the academic year, to devote his time to creative painting.

F. C. BROWN, Professor of Physics, for the academic year, to carry out research in solid state spectroscopy.

ROBERT CANCRO, Visiting Professor of Computer Science and Visiting Associate, for the year, to pursue his interest in the psychosocial consequences of automation.

A. V. CAROZZI, Professor of Geology, for one semester, to begin an annotated translation in English of the work of Horace Benedict de Saussure.

E. H. DAVIDSON, Professor of English, for the second semester, to complete the

editing of four unfinished and posthumously published novels by Nathaniel Hawthorne.

- ALAN DONAGAN, Professor of Philosophy, for the second semester, to continue his work on a general treatise on ethics.
- R. S. DRAGO, Professor of Chemistry, for the academic year, to carry on research concerning quantitative evaluation of the magnitude of inter-molecular interaction.
- F. E. FIEDLER, Professor of Psychology, for the second semester, to pursue his studies in the area of leadership and group performance.
- S. B. GOLDBERG, Professor of Law, for the first semester, to study the impact of the National Labor Relations Act on the labor relations practices of employers.
- H. G. HAILE, Professor and Head of the Department of Germanic Languages and Literatures, for one semester, to complete a biography of Wolfgang Goethe.
- L. P. KADANOFF, Professor of Physics, for the academic year, to undertake an expanded study of the factors that affect urban development and to continue his study of theories describing behavior near phase transitions.
- H. D. KRAUSE, Professor of Law, for the second semester, to complete a book on the subject of law reform in the field of illegitimacy.
- J. W. MARCHAND, Professor of German, for the first semester, to complete a study of the Trivium in the Middle Ages and to finish a line commentary of Wolfram's *Parzival*.
- ROCCO MONTANO, Professor of Spanish, Italian, and Portuguese, and of Comparative Literature, for the second semester, to undertake research relating to the historical interpretation of Italian literature.
- JOSEF PATKOWSKI, Visiting Associate, for the academic year, to work on certain compositional ideas and aspects of sound synthesis in the Experimental Music Studio.
- K. L. RINEHART, JR., Professor of Chemistry, for the academic year, to undertake research in high resolution mass spectrometry, and to prepare for publication the results of research in various areas of organic chemistry.
- P. W. SCHROEDER, Professor of History, for the second semester and the summer of 1970, to further his research for a study of the European diplomatic system in the nineteenth century.
- W. H. SHOEMAKER, Professor and Head of the Department of Spanish, Italian, and Portuguese, for the academic year, to write a book on *The Novelistic Art of Benito Pérez Galdós*.
- LUITPOLD WALLACH, Professor of the Classics, for the academic year, to produce a critical edition of Charlemagne's *Libri Carolini*.

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

#### APPOINTMENTS TO THE BOARD OF DIRECTORS OF THE ATHLETIC ASSOCIATION

(5) On recommendation of the Chancellor of the Urbana-Champaign campus, I submit herewith nominations for appointments to the Board of Directors of the Athletic Association of the University of Illinois, to become effective as of today and to continue until the next annual meeting of The Board of Trustees of the University of Illinois in 1970, or until the successors of these Directors have been appointed.

#### Reappointments

##### *From the Faculty*

- WILLIAM A. FERGUSON, Associate Professor of Mathematics (he has served on the Board since November, 1967)
- H. S. STILLWELL, Professor and Head of the Department of Aeronautical and Astronautical Engineering
- VERNON K. ZIMMERMAN, Professor of Accountancy and Associate Dean of the College of Commerce and Business Administration (he has served on the Board since 1968)

##### *From the Alumni Association*

- LOUIS BOUDREAU, Class of 1939, Sports Announcer, Radio Station WGN, Chicago (he has served on the Board since 1965)

### New Appointments

#### *From the Faculty*

JAMES R. SHIPLEY, Professor and Head of the Department of Art

#### *From the Alumni Association*

RALPH S. JOHNS, Class of 1925, Managing Partner, Haskins and Sells, Certified Public Accountants, Chicago; President-elect of the University of Illinois Alumni Association (Mr. John's appointment on the Board is for the period of his tenure as President of the University of Illinois Alumni Association)

CLIFFORD L. PETERSON, Class of 1941, Vice President, Deere and Company, Moline

On motion of Mr. Steger, these appointments and reappointments were approved.

### DIRECTORSHIP OF THE LIBRARY, CHICAGO CIRCLE

(6) The Chancellor at Chicago Circle has recommended to me the appointment of Mr. William B. Ernst, Jr., presently Associate Director of Libraries, State University of New York at Buffalo, as Professor of Library Administration on indefinite tenure and Director of the Library at Chicago Circle, beginning August 1, 1969, on a twelve-month service basis, at an annual salary of \$24,000.

The appointment is to succeed Professor Frazer G. Poole who resigned as Director as of May 20, 1967. Professor Louis Schultheiss has been serving as Acting Director.

This recommendation is made with the advice of a consultative committee<sup>1</sup> and is supported by the Executive Vice President and Provost.

I concur.

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

### HEADSHIP OF THE DEPARTMENT OF SPEECH, URBANA

(7) The Dean of the College of Liberal Arts and Sciences, Urbana, recommends the appointment of Dr. Roger E. Nebergall, presently Professor of Speech and Chairman of the Department of Speech at the University of Oklahoma, as Professor of Speech on indefinite tenure and Head of the Department of Speech, Urbana, beginning September 1, 1969, on an academic year service basis, at an annual salary of \$20,000.

This appointment will fill the vacancy which was created by the retirement of Professor Karl R. Wallace as of September 1, 1968. Professor John J. O'Neill has been acting Head.

The nomination of Dr. Nebergall was made with the advice of a search committee<sup>2</sup> and is supported by the Executive Committee of the College, the Executive Vice President and Provost, the Chancellor at Urbana, and the Dean of the Graduate College at Urbana.

I concur.

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

### APPOINTMENTS TO THE FACULTY

(8) 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.

<sup>1</sup> Samuel A. Weiss, Professor of English, *Chairman*; Joseph Boyer, Professor of Chemistry; Paul Fong, Professor of Mathematics and in the Center for Advanced Study; H. F. Koepfer, Associate Professor of Architecture; Ernest Masur, Professor of Engineering Mechanics and Head of the Department of Materials Engineering; Evelyn A. Moore, Assistant Reference Librarian with rank of Assistant Professor; Yuri I. Nakata, Documents Librarian, with rank of Assistant Professor; Warren Sanderson, Professor of Art; Richard Seidel, Acquisition Librarian with rank of Assistant Professor; Mary E. Trenery, Assistant Librarian Verification with rank of Instructor; Harry Upshaw, Professor of Psychology and Acting Head of the Department of Psychology.

<sup>2</sup> A. L. Altenbernd, Professor of English and Head of the Department of English, *Chairman*; H. S. Maclay, Research Associate Professor of Communications and Director of the Institute of Communications Research; M. H. Nichols, Professor of Speech; J. J. O'Neill, Professor of Speech, Director of Speech and Hearing Clinic, and Acting Head of the Department of Speech; T. M. Scheidel, Associate Professor of Speech.

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; W — one-year appointment subject to special written agreement without commitment for an indefinite term appointment or for service credit in a probationary period; 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. PHILIP PARZEN, Professor of Electrical Engineering, Department of Information Engineering, beginning September 1, 1969 (A), at an annual salary of \$18,000.
2. RICHARD A. WILD, Assistant Professor and Project Director, Major Cities Project, in the Administration of Criminal Justice Curriculum, Liberal Arts and Sciences, beginning January 16, 1969 (1), at an annual salary of \$17,000.

#### Medical Center

3. LORRAINE ANN CIBOCH, Automation Librarian with rank of Assistant Professor, Library of Medical Sciences, beginning March 3, 1969 (1Y), at an annual salary of \$11,500.
4. GLADYS A. COURTNEY, Associate Professor of Nursing, College of Nursing, on one-half time, beginning January 1, 1969 (PY50), at an annual salary of \$9,000.
5. LAWRENCE ISAAC, Assistant Professor of Pharmacology, College of Medicine, beginning June 1, 1969 (1Y), at an annual salary of \$14,000.
6. GERALD S. MOSS, Assistant Professor of Surgery, College of Medicine, on 30 per cent time, beginning November 22, 1968 (DY30), at an annual salary of \$4,300.

#### Urbana-Champaign

7. W. ALLEN BOUSLOG, Assistant to the Director of Cooperative Extension Service with rank of Assistant Professor, Extension Service in Agriculture and Home Economics, beginning February 16, 1969 (DY, 1Y), at an annual salary of \$15,300.
8. RICHARD MORRIS ROBSON, Assistant Professor of Biochemistry, Department of Animal Science, beginning March 1, 1969 (1Y), at an annual salary of \$13,000.
9. ANNE SAYLER, Assistant Professor of Zoology, for the second semester 1968-69, at a salary of \$5,000.
10. VERNON L. SNOEYINK, Assistant Professor of Sanitary Engineering, Department of Civil Engineering, beginning September 1, 1969 (1), at an annual salary of \$10,500.

#### Visiting Staff

11. ROBERT CANCRO, Visiting Professor of Computer Science, Graduate College, Urbana, for the period from July 1, 1969, through June 30, 1970 (FY), at a salary of \$30,000.
12. KLAUS FISCHER-DIESKAU, George A. Miller Visiting Professor of Music, Urbana, for the period from April 14, 1969, through May 18, 1969 (G), at a salary of \$4,500.
13. IAN HACKING, Visiting Professor of Philosophy, Chicago Circle, for the spring quarter 1968-69 (E), at a salary of \$6,000.
14. ERICH KOSIOL, Visiting Professor of Accountancy, College of Commerce and Business Administration, Urbana, for the period from February 1, 1969, through June 15, 1969 (E), at a salary of \$12,500.

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

#### SABBATICAL LEAVES OF ABSENCE, 1969-70

(9) The Chancellors at each campus have recommended that the following members of the faculty be given sabbatical leaves of absence in accordance with the provi-

sions of the University of Illinois *Statutes* and on the terms and for the periods indicated.

The programs of research, study, and travel for which leaves are requested have been examined by the Research Boards at the three campuses, and the Executive Vice President and Provost has reviewed the applications for the leaves and recommends approval.

I concur.

### Chicago Circle

#### College of Architecture and Art

##### *Department of Art*

ROLAND F. GINZEL, Professor of Art, winter and spring quarters 1969-70, three-fourths pay.

ALFRED P. MAURICE, Professor of Art, spring quarter, 1969-70, full pay. (Subsequently cancelled without prejudice.)

##### *Department of History of Architecture and Art*

JOHN MCNEE, Professor of Art and Chairman of Department of History of Architecture and Art, winter and spring quarters 1969-70, three-fourths pay. (Subsequently cancelled without prejudice.)

#### College of Engineering

##### *Department of Materials Engineering*

E. F. MASUR, Professor of Engineering Mechanics and Head of Department of Materials Engineering, spring quarter 1969-70, full pay. (Subsequently cancelled without prejudice.)

#### Jane Addams Graduate School of Social Work

MARY E. SULLIVAN, Consultant with rank of Associate Professor, academic year 1969-70, one-half pay.

#### College of Liberal Arts and Sciences

##### *Department of Chemistry*

JOHN STEINER, Assistant Professor of Chemistry, fall and winter quarters 1969-70, three-fourths pay.

##### *Department of English*

NORMAN R. ATWOOD, Assistant Professor of English, spring quarter 1969-70, full pay.

DONALD E. BILLIAR, Assistant Professor of English, spring quarter 1969-70, full pay. (Subsequently cancelled without prejudice.)

MELVIN H. BUXBAUM, Assistant Professor of English, fall quarter 1969-70, full pay.

BEVERLY FIELDS, Assistant Professor of English, fall quarter 1969-70, full pay.

ROBERT W. GLADISH, Assistant Professor of English, spring quarter 1969-70, full pay. (Subsequently cancelled without prejudice.)

LOUIS MARDER, Professor of English, spring quarter 1969-70, full pay.

RALPH J. MILLS, JR., Professor of English, fall quarter 1969-70, full pay.

MARY THALE, Assistant Professor of English, fall and winter quarters 1969-70, three-fourths pay.

ROBERT L. VALES, Assistant Professor of English, winter quarter 1969-70, full pay.

##### *Department of French*

WILLIAM M. SCHUYLER, Professor of French and Head of Department, academic year 1969-70, one-half pay.

##### *Department of German*

HAZEL C. VARDAMAN, Professor of German, spring quarter 1969-70, full pay.

##### *Department of History*

MELVIN G. HOLLI, Assistant Professor of History, spring quarter 1969-70, full pay. (Subsequently cancelled without prejudice.)

KENNETH A. LOCKRIDGE, Assistant Professor of History, spring quarter 1969-70, full pay.



GILBERT OSOFSKY, Professor of History, fall and winter quarters 1969-70, three-fourths pay.

*Department of Mathematics*

FURIO ALBERTI, Associate Professor of Mathematics and Assistant Dean of Liberal Arts and Sciences, fall and winter quarters 1969-70, three-fourths pay.

SIM LASHER, Assistant Professor of Mathematics, winter quarter 1969-70, full pay.

*Department of Philosophy*

ARNOLD B. LEVISON, Associate Professor of Philosophy, spring quarter 1969-70, full pay.

TERENCE D. PARSONS, Assistant Professor of Philosophy, fall quarter 1969-70, full pay.

*Department of Physics*

WILLIAM R. ANDERSON, Associate Professor of Physics, academic year 1969-70, one-half pay.

JOHN NICK PAPPADAMOS, Associate Professor of Physics, fall quarter 1969-70, full pay.

DAVID J. VEZZETTI, Assistant Professor of Physics, fall and winter quarters 1969-70, one-half pay.

*Department of Political Science*

HOLLIS W. BARBER, Professor of Political Science and Head of Department, spring quarter 1969-70, full pay.

**Medical Center**

**College of Dentistry**

*Department of Pedodontics*

MAURY MASSLER, Professor of Pedodontics and Assistant Dean for Postgraduate and Teacher Education, six months beginning January 1, 1970, full pay.

**College of Pharmacy**

*Department of Chemistry*

CHARLES L. BELL, Associate Professor of Chemistry, academic year 1969-70, one-half pay.

**Urbana-Champaign**

**College of Agriculture**

*Office of Agricultural Communications*

HADLEY READ, Professor of Agricultural Communications, Head of the Office, and Assistant Director of Cooperative Extension Service, six months from September 1, 1969, full pay.

*Department of Agricultural Economics*

THOMAS A. HIERONYMUS, Professor of Grain Marketing in Agricultural Economics, one year from September 1, 1969, one-half pay.

M. B. KIRTLEY, Associate Professor of Livestock Marketing Extension in Agricultural Economics, six months beginning February 1, 1970, full pay.

RALPH JOSEPH MUTTI, Professor of Agricultural Marketing in Agricultural Economics, six months beginning August 1, 1969, full pay.

*Department of Agricultural Engineering*

DONALD L. DAY, Associate Professor of Agricultural Engineering, six months beginning September 1, 1969, full pay.

RALPH C. HAY, Professor of Agricultural Engineering, six months beginning February 1, 1970, full pay. (Subsequently cancelled without prejudice).

ARTHUR J. MUEHLING, Associate Professor of Agricultural Engineering, one year beginning September 1, 1969, one-half pay.

*Department of Agronomy*

EARL R. LENG, Professor of Plant Breeding and Genetics in Agronomy and Project Leader AID Projects, six months beginning March 1, 1970, full pay. (Subsequently changed to six months beginning March 1, 1971, full pay.)

*Department of Dairy Science*

J. ROBERT LODGE, Associate Professor of Physiology in Dairy Science, one year beginning September 1, 1969, one-half pay.

*Department of Home Economics*

ESTHER SIEMEN, Assistant Professor of Clothing Extension in Home Economics, six months beginning January 1, 1970, full pay.

*Department of Horticulture*

JOHN R. CULBERT, Professor of Floriculture in Horticulture, six months beginning March 1, 1970, full pay. (Subsequently cancelled without prejudice.)

*Department of Plant Pathology*

J. W. GERDMANN, Professor of Plant Pathology and in Agronomy, five months beginning September 1, 1969, full pay.

**College of Commerce and Business Administration***Department of Accountancy*

ROBERT K. MAUTZ, Professor of Accountancy, first semester 1969-70, full pay.

KENNETH W. PERRY, Professor of Accountancy, first semester 1969-70, full pay.

HANNS-MARTIN SCHOENFELD, Professor of Accountancy and of Business Administration, first semester 1969-70, full pay.

*Department of Business Administration*

ROBERT N. CORLEY, Professor of Business Law and of Business Administration, second semester 1969-70, full pay.

PAUL M. DAUTEN, Professor of Management and of Business Administration, academic year 1969-70, one-half pay.

RICHARD M. HILL, Professor of Industrial Administration, Marketing, and Business Administration, second semester 1969-70, full pay.

*Department of Economics*

THOMAS A. YANCEY, Associate Professor of Economics, first semester 1969-70, full pay.

*Department of Finance*

CARL T. ARLT, Bailey Professor of Money, Banking, and Finance, second semester 1969-70, full pay.

ROBERT W. MAYER, Professor of Finance, second semester 1969-70, full pay. (Subsequently cancelled without prejudice.)

**College of Communications***Department of Journalism*

GENE S. GILMORE, Assistant Professor of Journalism, second semester 1969-70, full pay.

**College of Education***Department of Educational Psychology*

CHARLES J. MCINTYRE, Professor of Educational Psychology and Director of the Office of Instructional Resources, one year beginning September 1, 1969, one-half pay.

*Department of Elementary Education*

CELIA B. LAVATELLI, Professor of Elementary Education, second semester 1969-70, and first semester 1970-71, one-half pay.

THEODORE MANOLAKES, Professor of Elementary Education and Chairman of Department, first semester 1969-70, full pay.

*Department of Secondary and Continuing Education*

CLYDE G. KNAPP, Professor of Secondary and Continuing Education, academic year 1969-70, one-half pay.

*Department of Vocational and Technical Education*

RUPERT N. EVANS, Professor and Dean of College of Education (to September 1, 1969), first semester 1969-70, full pay.

**College of Engineering***Department of Ceramic Engineering*

CLIFTON G. BERGERON, Professor of Ceramic Engineering, second semester 1969-70, full pay.

*Department of Civil Engineering*

JOHN T. O'CONNOR, Associate Professor of Sanitary Engineering, first semester 1969-70, full pay.

*Department of Electrical Engineering*

WILLIS L. EMERY, Professor of Electrical Engineering, first semester 1969-70, full pay.

FRANCO P. PREPARATA, Associate Professor of Electrical Engineering and Research Associate Professor in the Coordinated Science Laboratory, first semester 1969-70, one-half pay.

*Department of Mining, Metallurgy, and Petroleum Engineering*

ADRIAAN JAN DEWITTE, Professor of Petroleum Engineering, second semester 1969-70, full pay.

*Department of Nuclear Engineering*

GEORGE H. MILEY, Professor of Nuclear Engineering and of Electrical Engineering, academic year 1969-70, one-half pay; or second semester, full pay; full year leave contingent upon receipt of supplementary financial aid. (Subsequently cancelled without prejudice.)

*Department of Physics*

PETER AXEL, Professor of Physics, first semester 1969-70, full pay. (Subsequently cancelled without prejudice.)

GORDON BAYM, Professor of Physics, second semester 1969-70, full pay.

P. GERALD KRUGER, Professor of Physics, first semester 1969-70, full pay.

LEO LAVATELLI, Professor of Physics, academic year 1969-70, one-half pay.

DAVID PINES, Professor of Physics and of Electrical Engineering, and Director of Center for Advanced Study, second semester 1969-70, and first semester 1970-71, one-half pay.

ROY LOUIS SCHULT, Assistant Professor of Physics, academic year 1969-70, one-half pay.

**College of Fine and Applied Arts***Department of Architecture*

JACK SHERMAN BAKER, Professor of Architecture, second semester 1969-70 and first semester 1970-71, one-half pay.

LINWOOD J. BRIGHTBILL, Professor of Architectural Engineering, first semester 1969-70, full pay.

WALTER LITTLEFIELD CREESE, Professor of Architecture, academic year 1969-70, one-half pay.

GERALD L. EXLINE, Associate Professor of Architecture, second semester 1969-70, full pay.

WALTER HENRY LEWIS, Professor of Architecture, academic year 1969-70, one-half pay.

*Department of Art*

WALTER M. JOHNSON, Professor of Art and Director of Extension in Visual Art (Division of University Extension), six months beginning February 1, 1970, full pay.

RICHARD H. MOSES, Assistant Professor of Art, second semester 1969-70, full pay.

JEROME A. SAVAGE, Associate Professor of Art, first semester 1969-70, full pay.

HAROLD A. SCHULTZ, Professor of Art (Department of Art and Elementary Education) and Counselor in Teacher Education, second semester 1969-70, full pay.

ARTHUR R. SINSABAUGH, Associate Professor of Art, first semester 1969-70, one-half pay.

RONALD W. STERKEL, Professor of Art, academic year 1969-70, one-half pay.

*Department of Dance*

WILLIS W. WARD, Assistant Professor of Dance, academic year 1969-70, one-half pay.

*Department of Landscape Architecture*

ALBERT J. RUTLEDGE, Associate Professor of Landscape Architecture, first semester 1969-70, full pay.

DONALD L. WALKER, JR., Assistant Professor of Landscape Architecture, academic year 1969-70, one-half pay.

*School of Music*

THOMAS FREDRICKSON, Professor of Music, first semester 1969-70, full pay.

COLLEEN J. KIRK, Professor of Music and of Secondary and Continuing Education, second semester 1969-70, full pay.

ROYAL B. MACDONALD, Associate Professor of Music, academic year 1969-70, one-half pay.

WILLIAM H. MILLER, Associate Professor of Music, second semester 1969-70, full pay.

CLAIRE RICHARDS, Professor of Music, academic year 1969-70, one-half pay.

PAUL ROLLAND, Professor of Music, second semester 1969-70, full pay. (Subsequently cancelled without prejudice.)

**Graduate College**

*Department of Computer Science*

CHARLES W. GEAR, Professor of Computer Science and of Applied Mathematics, first semester 1969-70, full pay.

THOMAS A. MURRELL, Professor of Computer Science and of Electrical Engineering, second semester 1969-70, full pay.

WOLFGANG J. POPPELBAUM, Professor of Computer Science and of Electrical Engineering, first semester 1969-70, full pay.

**Health Service**

ORVILLE S. WALTERS, Professor of Health Science, six months beginning September 1, 1969, full pay.

**Institute of Labor and Industrial Relations**

WILLIAM H. MCPHERSON, Professor of Economics and in the Institute of Labor and Industrial Relations, six months beginning July 1, 1969, full pay.

**College of Law**

DAVID C. BAUM, Professor of Law, academic year 1969-70, one-half pay.

HARRY D. KRAUSE, Professor of Law, first semester 1969-70, full pay.

**College of Liberal Arts and Sciences**

*Department of Anthropology*

JOHN C. MCGREGOR, Professor of Anthropology, second semester 1969-70, full pay.

*Department of Botany*

JOHN B. HANSON, Professor of Plant Physiology in Botany and Agronomy and Head of Department of Agronomy, six months beginning February 15, 1970, full pay.

JOHN R. LAUGHNAN, Professor of Botany and of Plant Genetics in Agronomy, second semester 1969-70, full pay. (Subsequently cancelled without prejudice.)

*Department of Chemistry and Chemical Engineering*

JOHN L. HUDSON, Assistant Professor of Chemical Engineering, first semester 1969-70, full pay.

*Department of English*

GARY ADELMAN, Assistant Professor of English, second semester 1969-70, full pay.

NINA BAYM, Assistant Professor of English, second semester 1969-70, one-half pay.

ROCCO FUMENTO, Associate Professor of English, second semester 1969-70, full pay.

HERBERT MARDER, Associate Professor of English, first semester 1969-70, one-half pay.

STANTON MILLET, Associate Professor of English, first semester 1969-70, full pay.

BURTON A. MILLIGAN, Professor of English, second semester 1969-70, full pay.

JOSEPH BAXTER TRAHERN, JR., Assistant Professor of English, second semester 1969-70, full pay.

BRIAN WILKIE, Associate Professor of English, academic year 1969-70, one-half pay; or second semester, full pay; full year leave contingent upon receipt of supplementary financial aid.

*Department of French*

FERNANDE BASSAN, Associate Professor of French, first semester 1969-70, one-half pay.

EDWIN JAHIEL, Associate Professor of French, second semester 1969-70, full pay.

*Department of Geography*

CHARLES S. ALEXANDER, Professor of Geography, academic year 1969-70, one-half pay; or second semester, full pay; full year leave contingent upon receipt of supplementary financial aid.

JEROME D. FELLMANN, Professor of Geography, second semester 1969-70, full pay.

HOWARD G. ROEPKE, Professor of Geography, first semester 1969-70, full pay.

*Department of Geology*

ARTHUR F. HAGNER, Professor of Geology, second semester 1969-70, full pay.

*Department of Germanic Languages and Literatures*

H. G. HAILE, Professor and Head of Department of Germanic Languages and Literatures, first semester 1969-70, full pay.

RUDOLF D. SCHIER, Assistant Professor of German, academic year 1969-70, one-half pay

*Department of History*

BLAIR B. KLING, Associate Professor of History, academic year 1969-70, one-half pay.

THOMAS A. KRUEGER, Associate Professor of History, first semester 1969-70, one-half pay; leave contingent upon receipt of supplementary financial aid. (Subsequently cancelled without prejudice.)

JOSEPH L. LOVE, Assistant Professor of History, first semester 1969-70, one-half pay. (Subsequently cancelled without prejudice.)

RICHARD E. MITCHELL, Assistant Professor of History, first semester 1969-70, one-half pay; or second semester, one-half pay; leave contingent upon receipt of supplementary financial aid. (Subsequently cancelled without prejudice.)

ROBERT A. WALLER, Associate Professor of History and Associate Dean of the College of Liberal Arts and Sciences, six months beginning February 1, 1970, full pay.

*Department of Mathematics*

DONALD L. BURKHOLDER, Professor of Mathematics, first semester 1969-70, full pay.

KLAUS G. WITZ, Assistant Professor of Mathematics, first semester 1969-70, full pay.

DONALD R. SHERBERT, Associate Professor of Mathematics, second semester 1969-70, full pay.

*Department of Physiology and Biophysics*

EDWARD SHARPLESS KIRK, Assistant Professor of Physiology and Biophysics, first semester 1969-70, full pay.

*Department of Political Science*

ROYDEN DANGERFIELD, Professor of Political Science and Executive Director of Midwest Universities Consortium for International Activities, first semester 1969-70, full pay.

*Department of Psychology*

RAYMOND B. CATTELL, Research Professor of Psychology, second semester 1969-70, one-half pay. (Subsequently cancelled without prejudice.)

DONELSON E. DULANY, Professor of Psychology, second semester 1969-70, full pay. FRED E. FIEDLER, Professor of Psychology, first semester 1969-70, full pay; or the academic year, one-half pay; leave is contingent upon receipt of supplementary financial aid. (Subsequently cancelled without prejudice.)

WILLIAM E. MONTAGUE, Associate Professor of Psychology, first semester 1969-70, full pay.

*Department of Slavic Languages and Literatures*

FRANK Y. GLADNEY, Assistant Professor of Russian and of Linguistics, academic year 1969-70, one-half pay.

*Department of Sociology*

HARRY M. JOHNSON, Professor of Sociology, second semester 1969-70, full pay.

*Department of Spanish, Italian and Portuguese*

WILLIAM CURTIS BLAYLOCK, Associate Professor of Spanish, second semester 1969-70, full pay.

HENRY KAHANE, Professor of Spanish and of Linguistics and in the Center for Advanced Study, first semester 1969-70, full pay.

ROBERT E. LOTT, Associate Professor of Spanish, second semester 1969-70, one-half pay.

*Department of Speech*

NAOMI W. HUNTER, Assistant Professor of Speech, first semester 1969-70, full pay. JOHN J. O'NEILL, Professor and Acting Head of Department of Speech and Director of Speech and Hearing Clinic, six months beginning February 1, 1970, full pay.

THOMAS M. SCHEIDEL, Associate Professor of Speech, academic year 1969-70, one-half pay.

JOSEPH W. WENZEL, Assistant Professor of Speech, second semester 1969-70, full pay.

*Department of Zoology*

EDWIN M. BANKS, Professor of Zoology and of Animal Science, first semester 1969-70, full pay.

LESTER INGLE, Professor of Zoology, second semester 1969-70, full pay.

**Library**

ROBERT D. KOZLOW, Automation Librarian with rank of Assistant Professor and in the Campus Office of Administrative Data Processing, six months beginning October 1, 1969, full pay.

**College of Physical Education***Department of Health and Safety Education*

WILLIAM H. CRESWELL, JR., Professor of Health Education, second semester 1969-70, full pay.

*Department of Physical Education for Men*

EARLE F. ZEIGLER, Professor of Physical Education for Men, second semester 1969-70, full pay.

*Department of Physical Education for Women*

PHYLLIS J. HILL, Associate Professor of Physical Education for Women and Counselor in Teacher Education, second semester 1969-70, full pay.

**Jane Addams Graduate School of Social Work**

MARK P. HALE, Professor and Director of Jane Addams Graduate School of Social Work, six months beginning May 1, 1970, full pay.

ANTHONY J. VATTANO, Consultant with rank of Associate Professor of Social Work, six months from February 1, 1970, full pay.

### College of Veterinary Medicine

#### *Department of Veterinary Clinical Medicine*

LLOYD C. HELPER, Associate Professor of Veterinary Clinical Medicine, one year beginning September 1, 1969, one-half pay.

#### *Department of Veterinary Physiology and Pharmacology*

A. ROBERT TWARDOCK, Associate Professor of Veterinary Physiology and Pharmacology, six months beginning January 15, 1970, full pay.

On motion of Mr. Swain, these leaves were granted as recommended.

### **CURRICULUM IN TEACHER EDUCATION IN THE EARTH SCIENCES, CHICAGO CIRCLE**

(10) The Chicago Circle Senate recommends approval of a proposal from the College of Liberal Arts and Sciences for the establishment of a curriculum in Teacher Education in the Earth Sciences leading to the degree of Bachelor of Science in Teaching of Earth Sciences.

A recent survey by the Earth Science Curriculum Project<sup>1</sup> (ESCP) has shown that many teachers of earth science lack the necessary training to be fully competent in the subject. For example, only 11 per cent of the present earth science teachers graduated with a major in an earth science discipline and only about 50 per cent majored in a science.

In spite of the shortage of trained earth science teachers, increasing numbers of secondary schools are instituting earth science courses as replacements for courses in general science. An estimated demand for more than 15,000 earth science teachers is projected for 1970, nearly double the number presently engaged in the teaching of earth sciences.

The proposed curriculum provides diverse training in the major areas of the earth sciences as well as fundamental background in the basic sciences of physics, chemistry, biology, and mathematics. The curriculum follows closely the basic requirements recommended by the ESCP for preparation of earth science teachers, meets the University general education requirements, and includes the required courses in professional education.

The Chancellor at the Chicago Circle campus and the Executive Vice President and Provost endorse this recommendation. The Senate Coordinating Council indicates that no other Senate jurisdiction is involved.

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

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

### **PROPOSED CHANGES IN THE GENERAL RULES CONCERNING UNIVERSITY ORGANIZATION AND PROCEDURE RELATING TO SICK LEAVE FOR NONACADEMIC EMPLOYEES**

(11) At its meeting on February 21, 1968, the Board of Trustees approved certain changes in the *Policy and Rules—Nonacademic* relating to Disability Benefits including adoption of the following Sick Leave policy.

#### **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.

It was noted that this policy superseded Section VIII of the old Policy and Rules. In addition, Section 29(c)(1) of the *General Rules Concerning University*

<sup>1</sup> Conducted by the National Science Foundation and the American Geological Institute to prepare earth science course material for secondary schools.

*Organization and Procedure* should have been superseded or modified. Section 29(c)(1) by its language extends Sick Leave to extra help, temporary and irregular employees who under present practice and the February 21, 1968, approved policy do not earn this benefit. In order to clarify the matter, and upon the recommendations of the Vice President and Comptroller and the University Director of Non-academic Personnel, the following language to supersede present Section 29(c)(1) of the *General Policy and Rules Concerning University Organization and Procedure* is presented to the Board for approval.

*Proposed*

Section 29

(c) *Disability Benefits.* The University of Illinois provides disability benefits as follows:

- (1) *Nonacademic Employees.* Leave is granted with full pay for disability in amount and in accordance with eligibility criteria set forth in the Policy and Rules Relating to Compensation and Working Conditions.

*Present*

Section 29

(c) *Disability Benefits.* The University of Illinois provides disability benefits as follows:

- (1) *Nonacademic Employees.* For disability from any cause, each employee shall accumulate without limit disability leave with full pay at the rate of one working day for each month of service.

I concur in the recommendations that these changes be made in the *General Rules Concerning University Organization and Procedure*.

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

#### LEASES WITH THE ILLINOIS BUILDING AUTHORITY

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

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

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

Project	Legislative Declaration	Amount of IBA Bond	Amount of Rental Herebefore Paid Under Interim Lease	Annual Rent Due April 1, 1969, and on or before September 1, 1969, and on or before September 1 of Each Year Thereafter to June 30, 1969	Total Rental Payments
Administrative Office Building, Medical Center.....	\$3 606 200	\$3 410 000	\$256 545	\$242 005	\$6 064 665
Foreign Languages Building, Urbana.....	5 790 000	4 070 000	411 900	284 440	7 238 460

The execution of the interim leases and payments made thereunder from appropriations made by the Seventy-fifth General Assembly were authorized by the Board on July 26, 1967. Funds for rental payments under the presently proposed leases during the current biennium 1967-69 are available to the University from appropriations made by the Seventy-fifth General Assembly.

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



**RESOLUTION AUTHORIZING LEASING OF (ADMINISTRATIVE)  
OFFICE BUILDING AND FOREIGN LANGUAGES BUILDING  
FROM ILLINOIS BUILDING AUTHORITY**

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

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

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

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

WHEREAS the amount designated for said projects as follows:

- |  |             |
|--|-------------|
| A. Medical Center Campus                                   |             |
| IBA #75-11 Construct (Administrative) Office Building..... | \$3 410 000 |
| B. Urbana-Champaign Campus                                 |             |
| IBA #75-14 Construct Foreign Languages Building.....       | \$4 070 000 |

will not cause said aggregate amount to be exceeded; and

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

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

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

- A. Construction of an (Administrative) Office Building at the Medical Center campus at a cost to the Illinois Building Authority of \$3,410,000, requiring an initial rental on or before April 1, 1969, of the sum of \$242,005 and on or before September 1, 1969, the sum of \$242,005; and during each successive renewal term of the Lease, the annual sum of \$242,005 on or before the 1st of September of each year for 22 years with total rental payments of \$6,064,665.
- B. Construction of a Foreign Languages Building at the Urbana-Champaign campus at a cost to the Illinois Building Authority of \$4,070,000 requiring an initial rental on or before April 1, 1969, of the sum of \$284,440 and on or before September 1, 1969, the sum of \$284,440; and during each successive renewal term of the Lease, the annual sum of \$284,440 on or before the 1st of September of each year for 22 years with total rental payments of \$7,238,460.

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

**CONTRACT FOR CONSTRUCTION OF UNDERGROUND UTILITIES  
DISTRIBUTION TUNNEL INCLUDING ELECTRICAL DUCTWORK  
TO PHYSICAL EDUCATION BUILDING, CHICAGO CIRCLE**

(13) The President of the University, with the concurrence of appropriate administrative officers, recommends award of a contract in the amount of \$444,444 to E. H. Marhoefer, Jr. Co., Franklin Park, the low bidder, for construction of an underground utilities distribution tunnel including electrical ductwork to the Physical Education Building at the Chicago Circle campus.

Funds are available in state capital appropriations to the University for 1967-69 and have been released by the Governor.

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

**CONTRACTS FOR ADDITIONS TO MECHANICAL SYSTEMS IN THE  
RACINE AVENUE BUILDING, CHICAGO CIRCLE**

(14) The President of the University, with the concurrence of appropriate administrative officers, recommends award of the following contracts for additions to the mechanical systems in the Racine Avenue Building at the Chicago Circle campus, the award in each case to the low base bidder:

Heating and Refrigeration — Bellis-Hanley, Inc., Chicago.....	\$55 500
Ventilation and Air Conditioning — Eiselt Ventilating Co., Inc., Cicero...	54 194

Funds are available in state capital appropriations to the University for 1967-69 and have been released by the Governor.

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

**CONTRACTS FOR REMODELING IN EAST DENTISTRY-MEDICINE-  
PHARMACY BUILDING, MEDICAL CENTER**

(15) The President of the University, with the concurrence of appropriate administrative officers, recommends the award of the following contracts for remodeling for the College of Pharmacy in the East Dentistry-Medicine-Pharmacy Building at the Medical Center campus, the award in each case being to the low base bidder:

General — Mutual Contracting Company, Chicago.....	\$19 919 00
Heating, Process Piping, and Temperature Control — C. W. Johnson, Inc., Chicago .....	11 750 00
Ventilation — H. S. Kaiser Company, Elk Grove.....	11 500 00
Plumbing — Fettes, Love & Sieben, Inc., Chicago.....	5 930 00
Electrical — Midwest Interstate Electrical Construction Co., Chicago..	6 589 00
Laboratory Equipment — Kewaunee Scientific Equipment Corporation, Evanston.....	12 707 80
<i>Total.....</i>	<i>\$68 395 80</i>

It is further recommended that all contracts other than the contract for general work be assigned to the general contractor, making the total contract price \$68,395.80, and that an agreement be entered into with Mutual Contracting Company for the assignment of the other contracts. The amount bid by that company for the supervision of other contracts assigned to the general contractor is included in the base bid for general work.

The work consists of extending new partitions to form new offices, laboratory and teaching space, and related work, together with the purchase and installation of new laboratory equipment.

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

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

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

**CONTRACTS FOR AIR CONDITIONING IN ILLINOIS STREET  
RESIDENCE HALLS, URBANA**

(16) The President of the University, with the concurrence of appropriate administrative officers, recommends award of the following contracts for air conditioning 592 student rooms and auxiliary lounges, in the Illinois Street Residence Halls on the Urbana campus, the award in each case to the low base bidder:

General Work — Skoog Construction Company, Champaign.....	\$ 48 700
Air Conditioning Work — Cool-Rite Mechanical Contractors, Inc., Urbana	359 800
Electrical Work — P & S Electric, Champaign.....	16 000
<i>Total</i> .....	<u>\$424 500</u>

Funds for this work are available from the proceeds of the sale of revenue bonds.

Submitted herewith is a report of the Physical Plant Planning and Construction Office, 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. Clement, these contracts were awarded by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Pogue, Mr. Steger, Mr. Swain; no, none; absent, Governor Ogilvie, Mr. Page, Dr. Weatherly.

**CONTRACTS FOR CONSTRUCTION OF STAIRWAY ENCLOSURES  
IN METALLURGY AND MINING BUILDING, URBANA**

(17) The President of the University, with the concurrence of appropriate administrative officers, recommends award of the following cost-plus contracts based on percentages bid for contractors' fees for construction of stairway enclosures in the Metallurgy and Mining Building, Urbana, the award in each case to the lowest bidder:

	<i>Per Cent for Material</i>	<i>Per Cent for Labor</i>	<i>Per Cent for Sub- contracts</i>	<i>Estimated Fee Pay- ments and Equipment Costs</i>	<i>Total Estimated Payments</i>
General — Dean Evans					
Company, Champaign.....	2	24	15	\$2 460 00	\$24 460 00
Electrical — Remco Electrical					
Corporation, Champaign.....	5	24.2	0	1 976 60	13 476 60

Funds are available in state capital appropriations to the University for 1967-69 and have been released by the Governor.

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

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

**CONTRACTS FOR REPLACEMENT OF STAIRWAY ENCLOSURES  
IN UNIVERSITY HIGH SCHOOL, URBANA**

(18) The President of the University, with the concurrence of appropriate administrative officers, recommends award of the following cost-plus contracts based on

percentages bid for contractors' fees for replacement of stairway enclosures in University High School, Urbana, the award in each case to the lowest bidder:

	<i>Per Cent for Material</i>	<i>Per Cent for Labor</i>	<i>Per Cent for Sub- contracts</i>	<i>Estimated Fee Pay- ments and Equipment Costs</i>	<i>Total Estimated Payments</i>
General — Skoog Construction Company, Champaign . . . . .	4	25.5	3	\$5 310	\$42 310
Electrical — G. L. Wilsky, an individual doing business as Downtown Electric, Urbana . .	14	23	0	798	4 698

Funds are available in state capital appropriations to the University for 1967-69 and have been released by the Governor.

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

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

**REQUEST TO ILLINOIS BUILDING AUTHORITY TO INCREASE  
CONTRACT FOR CONSTRUCTION OF SCIENCE AND  
ENGINEERING-SOUTH, PHASE III, CHICAGO CIRCLE**

(19) The President of the University, with the concurrence of appropriate administrative officers, recommends that the Board of Trustees request the Illinois Building Authority to authorize an increase of \$22,922.63 in the contract with Gust K. Newberg Construction Co., Chicago, for foundation work to the Science and Engineering-South building, Chicago Circle.

Funds are available in the project budget for this work.

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

**REQUEST TO ILLINOIS BUILDING AUTHORITY TO INCREASE  
CONTRACT FOR CONSTRUCTION OF PHYSICAL EDUCATION  
BUILDING, PHASE III, CHICAGO CIRCLE**

(20) The President of the University, with the concurrence of appropriate administrative officers, recommends that the Board of Trustees request the Illinois Building Authority to authorize an increase of \$68,788 in the contract with S. N. Nielsen Company, Chicago, for excavation and foundation work to the Physical Education Building, Chicago Circle.

Funds are available in the project budget for this work.

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

**REQUEST TO ILLINOIS BUILDING AUTHORITY TO CHANGE  
FINANCING OF CONSTRUCTION OF THE MEDICAL  
RESEARCH LABORATORY ADDITION,  
MEDICAL CENTER**

(21) On September 18, 1968, the Board of Trustees requested the Illinois Building Authority to contract for construction of the Medical Research Laboratory Addition at the Medical Center campus.

The Illinois Building Authority subsequently awarded a contract for construction and sold bonds to finance its share of the costs for this project.

Construction of foundation work was started in December, 1968. During this construction, soil conditions were encountered, which varied materially from those found in original soil test borings on which the foundation design was based. This necessitated additional test borings as a basis for the redesign of the foundation. The contract provides that additional foundation work may be authorized by the Authority on a cost basis although it is not possible to estimate accurately the additional cost resulting from the necessary changes. It now appears that the increased cost may be approximately \$260,000, although the cost may be as low as \$210,000.

The construction contingency for this project totals \$93,669 and is, therefore, inadequate to finance the increased cost of the foundation work. Furthermore, in view of the early stage of construction, and the complexity of the mechanical service on this project, it is hoped that after financing the necessary changes in foundation work, the contingency will not be reduced below \$75,000. Therefore, a net of approximately \$242,000 in additional funds must be provided.

The bond counsel for the Illinois Building Authority has advised that, in his opinion, it will not be feasible to rebond the project in order to provide the necessary additional funds.

It will be possible to finance this work by using a portion of the construction contingency and by transferring a portion of the project costs for architectural fees, soil test boring, concrete testing, blueprinting, and consulting fees which have been contracted for by the Illinois Building Authority to the University to be financed from General Revenue funds, subject to release of these funds by the Governor. The general contractor, Erik A. Borg Company, has agreed to a reduction in his contract by approximately \$35,800, for selected fixed equipment which will be purchased later by the University, if the costs reach the maximum estimate.

Accordingly, the President of the University, with the concurrence of appropriate administrative officers, requests that, subject to release of General Revenue funds by the Governor, the Illinois Building Authority be requested to assign certain contracts for the project costs outlined above, totaling approximately \$204,200, to the University and that the general contractor be requested to reduce his contract with the Illinois Building Authority by approximately \$35,800 for the omission of certain fixed equipment.

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

**REQUEST TO ILLINOIS BUILDING AUTHORITY TO INCREASE  
CONTRACT FOR CONSTRUCTION OF SMALL ANIMAL CLINIC  
AND HOSPITAL, VETERINARY MEDICINE COMPLEX,  
PHASE I, URBANA**

(22) The President of the University, with concurrence of appropriate administrative officers, recommends that the Illinois Building Authority be requested to authorize an increase of \$36,621 in the contract with Talandis Construction Corporation, Sauk Village, for construction of the Small Animal Clinic and Hospital—Veterinary Medicine Complex, Phase I, to provide changes necessary for a connecting link with the future Large Animal Clinic at the Urbana campus.

Funds are available in the project budget for this work.

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

**CAMPUS MODEL FOR THE CHICAGO CIRCLE CAMPUS**

(23) The Board of Trustees at its meeting on May 15, 1968, approved a recommendation which authorized an addition to the contract of Skidmore, Owings &

Merrill for continuation of studies on the master plan for the Chicago Circle campus, to update the original model of the campus at a cost of \$19,595.

Subsequently the Board of Higher Education took action requiring the development of a ten-year campus plan and a fifteen-year land use plan as a basis for submitting the 1971-73 capital program requests. This planning will require the use of a working, or block, model, but without the detailed design which was incorporated in the original model. Since a working, or block, model will cost approximately \$4,000 and can be constructed by a staff member at the Chicago Circle campus with some use of student labor, the construction of the working model has been authorized, and the original proposal to update the model has been deferred.

Accordingly, the President of the University, with the concurrence of appropriate administrative officers, recommends that the previous authorization by the Board on May 15, 1968, be rescinded. After completion of the long-range campus planning and its official approval, it may still be desirable to proceed with the original proposal to update the existing model, in which case a recommendation will be resubmitted to the Board of Trustees for approval.

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

#### **SUPPLEMENTATION OF REVENUES FOR MEDICAL CENTER BONDS OF 1964**

(24) The resolution authorizing \$3,600,000 Medical Center Bonds of 1964, approved by the Board on December 16, 1964, provides in Section 5.02 (c) for a Replacement and a Repair Reserve consisting of two parts, to which shall be transferred annually \$15,000 for an equipment replacement reserve, and \$12,000 for a repairs reserve. These sums are in addition to the funds required for operation and maintenance expense and for payments into the Bond and Interest Sinking Fund Account. However, Section 5.03 provides that the supplementation of revenues from student tuition shall be only the amount needed to meet the operation and maintenance expenses and to provide the payments into the Bond and Interest Sinking Fund Account.

Section 7.07 of said resolution requires that the University fix and maintain such student service charges, rates, rents, fees and charges for the use of said facilities as, when supplemented with student tuitions to the extent provided in Section 5.03, will provide revenues sufficient to provide and maintain the Bond and Interest Sinking Fund Account and the required revenues therefor, to pay the reasonable cost of operating and maintaining the facilities and provide and maintain the Repair and Replacement Reserve.

Presently, the revenues derived from the operation of the facilities, including student service charges for use of the facilities, are insufficient to satisfy all of the requirements of said Section 7.07 and a deficiency exists in the Repair and Replacement Revenue therefor. The University must either increase such student service charges as required by Section 7.07 or provide for additional supplementation from student tuitions as may be necessary to provide and maintain the Repair and Replacement Revenue.

It is deemed in the best interest of the University to further supplement the revenues derived and to be derived from the facility rather than to increase said student service charges or other rates, rents, fees and charges for the use of said facility.

I concur and recommend adoption of the following resolution:

#### **Resolution**

WHEREAS, The Board of Trustees of the University of Illinois has heretofore issued its Medical Center Bonds of 1964 under and pursuant to a Resolution duly adopted on December 16, 1964; and

WHEREAS, there is a deficiency in the Repair and Replacement Reserve provided to be established and maintained by said Resolution and it is hereby determined that it is necessary to supplement the revenues derived from the facilities

referred to therein by the use of student tuitions authorized by law to be retained in the Treasury of the University.

*Now, Therefore, Be It and It Is Hereby Resolved* that the revenues derived from the facilities referred to in said Resolution be further supplemented by the use of student tuitions authorized by law to be retained in the Treasury of the University to the extent necessary to provide for all payments required to establish and maintain the Repair and Replacement Reserve to the full extent specified in Section 5.02 (c) of said Resolution; provided, however, that the aggregate of all student tuitions used pursuant to this Resolution to supplement such revenues together with all amounts used pursuant to Section 5.03 of said Resolution shall not exceed in any one fiscal year of the University the sum of \$60,000, plus such additional sums as may be specified in any resolution supplemental to said Resolution creating or authorizing the issuance of additional Bonds.

*Resolved Further*, that until amended or repealed, it is the intent and purport of this Resolution to supplement the revenues derived and to be derived from the facilities referred to in the Resolution as if said Section 5.03 were to be read and construed as follows:

Section 5.03. It is hereby determined by the Board of Trustees, and it is hereby covenanted that it is necessary to supplement revenues to be derived from the facilities, referred to in this Resolution, by the use of student tuitions which are authorized by law to be retained in the Treasury of the University, and it is hereby further covenanted that if at the close of any fiscal year there is a deficiency in the Medical Center Bond Fund to provide for operating expenses of the facilities and/or making the deposits in the Bond and Interest Sinking Fund and the Repair and Replacement Reserve provided for in Section 5.02 of this Resolution in the required amounts, the Board of Trustees shall within sixty (60) days after the close of the fiscal year deposit to the credit of the said Medical Center Bond Fund out of student tuitions, a sum sufficient to make up such deficiency in order to meet the annual debt service required on the Bonds, the annual cost of maintenance and operation of the facilities, and provide for all the accounts (including without limitation the Repair and Replacement Reserve) and covenants provided for by this Resolution or any resolution supplemental hereto, but such amounts shall not, however, exceed in any one fiscal year the lesser of (a) an amount which when added to the revenues to be derived from the facilities will be sufficient to meet the annual operating expenses of the facilities, provide for the payments required to be made into the Bond and Interest Sinking Fund established for the benefit of the Bonds in subsection (b) of Section 5.02 hereof and to provide for the payments required to be transferred to the Repair and Replacement Reserve as required by subsection (c) of Section 5.02 hereof, or (b) \$60,000, plus such additional sums as may be specified in any resolution supplemental hereto creating or authorizing the issuance of additional Bonds.

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

#### **ASSIGNMENT OF INCOME FROM VIDEO-TAPED LESSONS**

(25) At its meeting on June 19, 1968, the Board of Trustees approved a recommendation from the University Committee on Copyrights and Recordings that income to the University from the rental of video-taped lessons prepared by Professor E. G. Smith, Jr., be assigned to Professor Smith. The following is a reproduction of the proposal:

"Professor E. G. Smith, Jr., a former faculty member of the University, produced a series of video-taped lessons in the field of geography in 1964. From the rental of these tapes to the Great Plains Regional Instructional Library, the University has received income amount to \$360. The entire costs of the production were met with funds provided from external grants, and hence all of the rental fees constitute net income.

"The University Committee on Copyrights and Recordings was asked to review the circumstances related to the production of these video-taped lessons by Professor Smith and to recommend an appropriate disposition of the accumulated rental fees. In the light of its review, the Committee has recommended that the

entire amount be awarded to Professor Smith, in view of the unusual amount of time and energy required for the preparation of these lessons."

Since this assignment was made, additional income in the amount of \$540 has been received from rental fees for the use of these video-taped lessons. In accordance with the policy recommended by the University Committee on Copyrights and Recordings, and for the reasons given, the Executive Vice President and Provost recommends that the additional sum of \$540, and any further income accruing from such rental fees, be assigned to Professor Smith.

I concur.

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

#### PURCHASES

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

The list of purchases was presented in two categories: purchases from appropriated funds (i.e., from state appropriations to the University) and purchases from institutional funds. The latter term designates funds received by the University under contracts with the United States government, contracts with private corporations and other organizations, funds from foundation grants, and grants from corporations and other donors, and University revolving funds authorized by law.

The total amounts of these purchases were:

##### *From Appropriated Funds*

Recommended .....	\$209 177 30
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##### *From Institutional Funds*

Recommended .....	312 898 96
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<i>Grand Total</i> .....	\$522 076 26
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A complete list of the purchases, with supporting information, including the quotations received, was sent to each member of the Board in advance of the meeting, and a copy is being filed with the Secretary of the Board for record.

On motion of Mr. Swain, the purchases recommended were authorized.

#### COMPTROLLER'S REPORT OF PURCHASES APPROVED

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

This report was received for record.

#### COMPTROLLER'S REPORT OF GIFTS AND FUNDS RECEIVED FROM OUTSIDE SOURCES

(28) The Comptroller presented a report of gifts, grants, and contract funds (including funds from private donors and funds received from governmental agencies) received by the University during the fiscal year July 1, 1967, through June 30, 1968.

The complete report 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.

A summary of the total amounts of funds received and sources follows.

##### Summary

Funds from Private Donors:

To the University

For Urbana-Champaign .....	\$ 6 432 567 40
For Medical Center .....	1 528 003 12
For Chicago Circle .....	1 102 819 37

	(9 063 389 89)
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To the University of Illinois Foundation .....	1 392 014 29
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<i>Total</i> .....	\$10 455 404 18
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**Funds from United States Government :**

For Urbana-Champaign (including \$614,704 from National Defense Education Act, \$81,000 from Health Professions Act for student loans).....	\$44 129 893 77
For Medical Center (including \$49,176 from National Defense Education Act, \$366,000 from Health Professions Act, and \$27,360 from Nurses Training Act for student loans).....	8 677 047 40
For Chicago Circle (including \$136,973 from National Defense Education Act for student loans).....	3 111 308 73
<i>Total</i> .....	\$55 918 249 90

**Funds from Contracts with State of Illinois Agencies :**

For Urbana-Champaign.....	\$ 1 394 194 52
For Medical Center.....	338 517 77
For Chicago Circle.....	73 365 21
<i>Total</i> .....	\$ 1 806 077 50
<i>Grand Total</i> .....	\$68 179 731 58

This report was received for record.

**INVESTMENT REPORT  
For the Month of January, 1969**

**Report of the Finance Committee**

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

*Beckwith**Purchase:*

\$84 000 U.S. Treasury bills due 6/26/68..... \$ 81 470 62

*Pool**Sales:*

100 shares Interco Corporation.....	4 483 27
25 shares Kansas City Power and Light common stock.....	934 38
200 shares Kellogg Company common stock.....	8 023 76
61 shares Kroehler Manufacturing Company.....	2 271 62

*Purchases:*

\$ 5 000 CIT Financial Corporation demand notes.....	5 000 00
$\frac{2}{3}$ share Consolidated Foods Corporation common stock.....	32 19
11 000 Sears Roebuck Acceptance Corporation demand notes.....	11 000 00

**Report of the Comptroller**

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

*Current Funds**Medical Service Plan (Medical Center)**Purchase:*

\$100 000 Federal National Mortgage Association certificates due 6/10/69..... \$ 100 127 01

*Restricted Group**Sale:*

\$500 000 Atlantic Richfield notes due 3/4/69..... 496 989 58

*Purchases:*

\$ 500 000 Federal National Mortgage Association certificates due 8/4/69.....	481 688 89
1 200 000 Federal National Mortgage Association certificates due 6/30/69.....	1 164 160 00

500 000 Federal National Mortgage Association certificates due 6/2/69 .....	487 288 89
1 000 000 Philadelphia National Bank acceptance due 4/29/69, endorsed by The Northern Trust Company .....	979 756 95
<i>Art Objects</i>	
<i>Plant Funds</i>	
Purchases:	
\$394 000 U.S. Treasury bills due 6/26/68 .....	382 155 05
<i>Bonds of 1964 Auxiliary (Medical Center)</i>	
Purchases:	
\$100 000 U.S. Treasury bonds 2½ per cent due 12/15/68 .....	99 875 00
50 000 U.S. Treasury bills due 1/31/69 .....	49 660 83
<i>Dentistry-Medicine-Pharmacy Auxiliary (Medical Center)</i>	
Purchases:	
\$ 65 000 U.S. Treasury bills due 2/20/69 .....	64 164 61
125 000 U.S. Treasury bills due 4/22/69 .....	122 430 56
<i>Faculty Center Building Fund</i>	
Sale:	
7 200 shares Plough, Incorporated, common stock .....	480 206 50
Purchase:	
\$480 000 Local Loan 6¾ per cent notes due 4/24/70 .....	480 000 00
<i>Krannert Contributions</i>	
Purchase:	
\$25 000 U.S. Treasury bills due 3/24/69 .....	24 665 56
<i>Sinking Funds</i>	
<i>Assembly Hall</i>	
Purchases:	
\$114 000 U.S. Treasury bills due 3/24/69 .....	112 935 05
133 000 U.S. Treasury bills due 3/27/69 .....	131 607 19
<i>Bonds of 1964 (Medical Center)</i>	
Purchase:	
\$24 000 U.S. Treasury 4 per cent bonds due 2/15/70 .....	23 906 09
<i>Dentistry-Medicine-Pharmacy (Medical Center)</i>	
Purchases:	
\$28 000 U.S. Treasury bills due 3/13/69 .....	27 617 44
30 000 U.S. Treasury bills due 3/20/69 .....	29 492 60
<i>Housing Revenue Bonds</i>	
Purchases:	
\$1 396 000 U.S. Treasury bills due 8/31/69 .....	1 343 723 68
142 000 U.S. Treasury 4 per cent bonds due 2/15/70 .....	139 160 00
<i>Men's Residence Halls of 1957</i>	
Purchase:	
\$147 000 U.S. Treasury 4 per cent bonds due 2/15/70 .....	143 968 13
<i>Revenue Bonds of 1956</i>	
Purchase:	
\$12 000 U.S. Treasury 4 per cent bonds due 2/15/70 .....	11 760 00
<i>Student Services</i>	
Purchases:	
\$ 8 000 U.S. Treasury bills due 3/24/69 .....	7 937 92
24 000 U.S. Treasury 4 per cent bonds due 2/15/70 .....	23 505 00
29 000 U.S. Treasury 5½ per cent notes due 5/15/70 .....	28 800 94

*Women's Residence Halls of 1956*

## Purchase:

\$25 000 U.S. Treasury 5½ per cent notes due 5/15/70..... 24 921 00

This report was received for record.

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

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

**Medical Center***Change Orders*

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
United States Agency for International Development AID/fe-2	Work toward a phasing out of assistance and establishing a plan for continued relationship between the Faculty of Medicine, Chiang Mai University	\$550 404
<b>Total</b>		<b>\$550 404</b>

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>
Nu-Way Contracting Company	Cost-plus contract—plumbing: Hospital addition remodeling	\$ 3 728
Simpson Construction Company	Cost-plus contract—general: Hospital addition remodeling	8 608
<b>Total</b>		<b>\$ 12 336</b>

**Chicago Circle***New Contracts*

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
United States Navy: N-00014-69-A-0090-0001	Research directed toward a clearer definition of of mouse hepatitis	\$ 6 000
N-00019-69-C-0158	Study toward design and construction of incremental forging machine	48 500
<b>Total</b>		<b>\$ 54 500</b>

*Change Orders*

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>
Gust K. Newberg Construction Company	General site development at Chicago Circle—Phase II	\$ 7 631
Fries Walters Company	Cost-plus contract—electrical: Chicago Circle Center	4 000
<b>Total</b>		<b>\$ 11 631</b>

**Urbana-Champaign***New Contracts*

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
State of Illinois Board of Higher Education	Comprehensive study of space planning standards	\$ 28 640
United States Agency for International Development AID/csd-1922	Study of diseases of agronomic crops in India	200 000
Warner Electric Brake and Clutch Company	Incremental motion control problems	24 367
<b>Total</b>		<b>\$253 007</b>

*Change Orders*

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
W. R. Grace and Company	Ultra fine ceramic particles	\$ 20 000
Illinois Department of Conservation	Physiological and behavioral relationships among species of fishes	9 052
Warner Electric Brake and Clutch Company	Incremental motion control problems	24 957
<b>Total</b>		<b>\$ 54 009</b>

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>
Barber and DeAtley, Incorporated	Cost-plus contract — general: Abbott Power Plant	\$ 4 600
	Electrical Engineering Research Laboratory	10 500
	Nuclear Radiation Laboratory	6 000
Cool-Rite Mechanical Contractors, Incorporated	Cost-plus contract — piping: Altgeld Hall	8 300
Emric Electric, Incorporated	Cost-plus contract — electrical: Civil Engineering Building	13 000
	Feed Storage Plant	5 300
<i>Total</i>		<i>\$ 47 700</i>
<b>Summary</b>		
Amount to be paid to the University.....		\$911 920
Amount to be paid by the University.....		71 667

This report was received for record.

#### FACULTY CENTER, URBANA

(31) The offer of Mrs. William E. Levis, Perrysville, Ohio, to give the University of Illinois Foundation the sum of \$1,000,000, contingent upon gifts of others of \$600,000, to help provide a Faculty Center at the Urbana campus was reported to the Board of Trustees on September 18, 1968.

The Center, to be located east of the Krannert Center for the Performing Arts, will be named the Margaret H. and William E. Levis Faculty Center. It is anticipated that the project will include approximately 20,000 gross square feet and cost approximately \$2,000,000, exclusive of extension of utilities, which will cost \$300,000. Since a firm commitment with respect to this gift had not been received at the time the capital budget for 1969-71 was prepared, funds for the extension of utilities were not included therein. Thus, it will be necessary to request an appropriation from the State for this cost.

A Committee of 100 made up of faculty and staff from every unit on the campus has studied the Faculty Center project and has formulated a tentative program which will become the basis for planning the facility. The Center will contain lounges, conference rooms, large and small dining rooms, kitchen, and office space, and will be designed to be of service to faculty and staff of the University.

The President, with the concurrence of appropriate administrative officers, recommends that the Board approve proceeding with the planning for this facility in accordance with the conditions outlined above. Further, as the Board of Higher Education reviews all requests for facilities not already approved by the Board or Legislature which are to be used primarily for purposes other than instruction, it is recommended that the appropriate materials be submitted to the State Board of Higher Education requesting approval of the proposed Faculty Center as a Non-instructional Facility.

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

#### SECRETARY'S REPORT

The Secretary presented for record the following lists: appointments to the faculty made by the President; declinations and resignations; leaves of absence; and the following cancellations of sabbatical leaves of absence:

##### Cancellation of Sabbatical Leaves of Absence, Urbana

ABASHIAN, ALEXANDER, Professor of Physics — sabbatical leave of absence, full pay, for second semester 1968-69, is cancelled without prejudice.

MOWRER, O. HOBART, Research Professor of Psychology — sabbatical leave of absence, full pay, granted him for second semester 1968-69, is cancelled without prejudice.

O'NEILL, JOHN J., Professor of Speech and Director of Speech and Hearing Clinics, and Counselor in Teacher Education — sabbatical leave of absence, full pay,

granted him for six months from February 1, 1969, is cancelled without prejudice.

A copy of the report is filed with the Secretary.

#### **REPORTS AND RECOMMENDATIONS FROM THE PRESIDENT OF THE BOARD**

##### **FUTURE BOARD MEETINGS**

President Hughes announced the times and places of the future meetings of the Board: April 9, 1969, Chicago Circle; May 21, 1969, Urbana-Champaign; June 18, 1969, Medical Center.

##### **COMMUNICATIONS**

The President called upon the Secretary who presented the following communications:

A petition signed by some 800-1000 members of the student body, faculty, and staff at Urbana. The petition reads as follows:

We the undersigned members of the University of Illinois, student, staff, and faculty believe that the University of Illinois can not and should not tolerate disruptive actions by any students, faculty, or staff of the University. We support the disciplinary policy formulated by The Board of Trustees of the University of Illinois and believe it should be enforced to the fullest.

A recommendation and accompanying materials from the Veterans Association at the Urbana campus containing the following expressions of opinion:

The Veterans Association respectfully requests that the people of Illinois and their legislative representatives:

1. Reserve judgment on recent manifestations of student dissatisfaction with conditions both on and off campus,
2. Recognize the comparative restraint and constructive efforts demonstrated by several concerned groups and individuals at the University of Illinois,
3. Welcome and encourage the energetic concern to today's students with public issues, while seeking to refine and direct that concern into constructive procedures and proposals for change,
4. Affirm the conviction of the majority of students that our social structures and processes are less than perfect and are open to criticism and improvement,
5. Resist the inclination to follow groups and legislators in other states in responding defensively, rather than constructively, to student initiatives for changes in institutions and procedures, and,
6. Maintain their broad general support and concern for higher education as we work together to meet the promise and the challenge of the future of Illinois.

##### **PRESENTATIONS TO THE BOARD**

President Hughes announced that requests to appear and make presentations had been received from the following organizations: The Black Student Association and Black Faculty and Staff Association, Students Against Racism, and the Concerned Citizens Committee of Champaign. He asked for the Board's reaction to the requests, and on motion of Mr. Hahn, the Trustees granted permission to each organization to make a presentation of fifteen minutes each. Speaking for the BSA-BFSA were Mr. David Addison and Dr. Renford Gaines. Speaking briefly for the Students Against Racism was Mr. James W. Larabee (Mr. Larabee tendered the bulk of his time to Mr. Addison). Speaking for the CCC was Mr. John L. Johnson.

## RECESS AND EXECUTIVE SESSION

President Hughes announced that there would be a brief executive session for the consideration of items of pending litigation.

On motion of Mr. Jones, the Board recessed for five minutes.

When the Board reconvened, the following report was presented and considered.

**PENDING COURT ACTIONS RELATING TO SEPTEMBER 9 INCIDENT**

(32) The President asked Chancellor Peltason to report to the Trustees further developments concerning court cases relating to the September 9 incident and to the Board's action of February 19. The Chancellor stated that the State's Attorney from Champaign County now was prepared to prosecute all of the pending cases and perhaps to re-file these with new charges in some instances, unless he is specifically requested by the University to dismiss certain of the cases.

The Chancellor indicated that it had been his intention to seek the prosecution of thirty-three individuals and the dismissal of charges against 222 persons—the prosecutions being directed toward those believed to have been leaders in the incident and those believed to have been involved in the destruction of property. He read a draft letter which he proposed to send to the State's Attorney, subject to the Trustees' approval.

On motion of Mr. Clement, the Trustees authorized the Chancellor to send the letter as drafted, with additional language to request that the prosecution be "vigorous." The motion was approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Pogue, Mr. Steger; no, Mr. Swain; absent, Mr. Page, Governor Ogilvie, Dr. Weatherly.

On motion of Mr. Swain, the Board adjourned.

EARL W. PORTER  
*Secretary*

EARL M. HUGHES  
*President*



MEETING OF THE BOARD OF TRUSTEES  
OF THE  
UNIVERSITY OF ILLINOIS

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April 9, 1969



The April meeting of The Board of Trustees of the University of Illinois was held in the Chicago Circle Center, Chicago, Illinois, on Wednesday, April 9, 1969, beginning at 9:30 a.m.

In the absence of the President of the Board, the Secretary called the meeting to order and asked for nominations for the purpose of electing a President *Pro Tempore* of the meeting. On motion of Mr. Grimes, Mr. Swain was elected President *Pro Tempore*.

The Secretary called the roll. The following members of the Board were present: Mr. Howard W. Clement, Mr. Donald R. Grimes, Mr. Ralph C. Hahn, Mr. Theodore A. Jones, Mr. Harold Pogue, Mr. Timothy W. Swain. Mr. Earl M. Hughes, Governor Richard B. Ogilvie, Mr. Ray Page, Mr. Russell W. Steger, and Dr. James A. Weatherly were absent.

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



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

#### PRESIDENT'S REPORT

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

#### AWARD OF CERTIFIED PUBLIC ACCOUNTANT CERTIFICATES

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

<i>Name</i>	<i>Address</i>	<i>State from Which They Obtained Certificates</i>
WILLIAM JOHN ECKERT	O'Fallon, Illinois	Missouri
DONALD BURTON GOLDSMITH	Palatine, Illinois	Washington
FRED O. MOORE	Mount Prospect, Illinois	Pennsylvania
RICHARD ALAN NEFF	Northbrook, Illinois	New Jersey

I concur.

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

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

(2) The Chancellor at the Medical Center has recommended the appointment of Dr. Stephen B. Binkley, presently Professor of Biological Chemistry and Head of the Department in the College of Medicine, as Dean of the Graduate College at the Medical Center, beginning September 1, 1969, on a twelve-month service basis, at an annual salary of \$32,500.

In addition, Dr. Binkley will continue to hold his appointment as Professor of Biological Chemistry on indefinite tenure.

The appointment of Dr. Binkley will fill the vacancy in the Graduate College at the Medical Center created by the reorganization of the Graduate College which became effective September 1, 1968. Currently the position is filled by Dr. Milan V. Novak, who has served since September 1, 1968, as Acting Dean.

This recommendation is made with the advice of a faculty consultative committee<sup>1</sup> and follows consultation with the Executive Committee of the Graduate College at the Medical Center.

The Executive Vice President and Provost endorses this recommendation.

I recommend approval.

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

#### HEADSHIP OF THE DEPARTMENT OF LINGUISTICS, URBANA

(3) The Dean of the College of Liberal Arts and Sciences, Urbana, has recommended the appointment of Dr. Braj B. Kachru, presently Associate Professor of Linguistics, as Associate Professor of Linguistics on indefinite tenure and Head of the Department of Linguistics, Urbana, beginning September 1, 1969, on an academic year service basis, at an annual salary of \$15,200.

Professor Kachru will succeed Professor Robert B. Lees who has resigned as Head of the Department effective September 1, 1969.

<sup>1</sup> Stephen B. Binkley, Professor of Biological Chemistry and Head of the Department, *Chairman*; Maynard M. Cohen, Professor of Neurology and Head of the Division (Presbyterian-St. Luke's Hospital); James E. Gearien, Professor of Pharmaceutical Chemistry and Head of the Department; Roy Gillette, Professor of Histology; Joan King, Associate Professor of Nursing; Everett W. Maynert, Professor of Pharmacology; S. R. M. Reynolds, Professor of Anatomy and Head of the Department; Neena B. Schwartz, Professor of Physiology; Malcolm M. Stanley, Professor of Medicine. (Dr. Binkley did not participate in the recommendation of the committee.)

The nomination of Professor Kachru was made with the advice of a search committee<sup>1</sup> and is supported by the Executive Committee of the College, the Executive Vice President and Provost, the Chancellor at Urbana, and the Dean of the Graduate College at Urbana.

I concur.

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

#### HEADSHIP OF THE DEPARTMENT OF SPANISH, ITALIAN, AND PORTUGUESE, URBANA

(4) The Dean of the College of Liberal Arts and Sciences, Urbana, has recommended the appointment of Dr. Anthony M. Pasquariello, presently Professor of Spanish and Chairman of the Department of Spanish, Italian, and Portuguese at Pennsylvania State University, as Professor of Spanish on indefinite tenure and Head of the Department of Spanish, Italian, and Portuguese, Urbana, beginning September 1, 1969, on an academic year service basis, at an annual salary of \$24,700.

This appointment is to succeed Professor William H. Shoemaker who has asked to be relieved of this administrative assignment as of August 31, 1969.

The nomination of Dr. Pasquariello was made with the advice of a search committee<sup>2</sup> and is supported by the Executive Committee of the College, the Executive Vice President and Provost, the Chancellor at Urbana, and the Dean of the Graduate College at Urbana.

I concur.

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

#### APPOINTMENTS TO THE FACULTY

(5) 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. RICHARD D. BABCOCK, Assistant Professor of Management, College of Business Administration, beginning September 1, 1969 (1), at an annual salary of \$13,000.

#### Medical Center

2. ANDREE W. ZALIS, Associate Professor of Physical Medicine and Rehabilitation, College of Medicine, on 50 per cent time, beginning February 1, 1969 (QY50), at an annual salary of \$11,000.

#### Urbana-Champaign

3. SHAU-JIN CHANG, Assistant Professor of Physics, beginning September 1, 1969 (1), at an annual salary of \$11,000.
4. RICHARD V. EVANS, Professor of Business Administration, beginning September 1, 1969 (A), at an annual salary of \$21,000.

<sup>1</sup> Clayton L. Dawson, Professor of Linguistics and of Russian, and Head of the Department of Slavic Languages and Literatures, *Chairman*; Henry R. Kabane, Professor of Linguistics and of Spanish and in the Center for Advanced Study; Robert B. Lees, Professor of Linguistics and Head of the Department, and Research Professor of Communications; Arnold M. Zwicky, Jr., Assistant Professor of Linguistics.

<sup>2</sup> John Thompson, Professor of Geography and Head of the Department, *Chairman*; Jackson J. Campbell, Professor of English; David R. Hersberg, Assistant Professor of Spanish; Luis Leal, Professor of Spanish; Angelina R. Pietrangeli, Professor of Spanish, Italian, and French; Alberto Porqueras-Mayo, Professor of Spanish; John K. Simon, Associate Professor of English and of French.

5. RICHARD F. FISHER, JR., Assistant Professor of Forestry, for the period from June 1, 1969, through August 31, 1969 (G), at a salary of \$3,500.
6. PAUL F. GERHART, Assistant Professor of Labor and Industrial Relations, beginning July 1, 1969 (1Y), at an annual salary of \$13,750.
7. MICHAEL GROSSMAN, Assistant Professor of Genetics, Department of Dairy Science, beginning March 15, 1969 (1Y), at an annual salary of \$12,600.

#### Visiting Staff

8. RAYMOND BALBES, Visiting Assistant Professor of Mathematics, Chicago Circle, for the period from September 16, 1969, through June 15, 1970 (E), at a salary of \$12,750.
9. WILLIAM J. CAMPBELL, Visiting Research Professor of Educational Psychology, Urbana, on 67 per cent time, for the period from February 1, 1969, through June 15, 1969 (E67), at a salary of \$5,000.
10. M. M. CHAWLA, Visiting Assistant Professor of Computer Science, Graduate College, Urbana, beginning September 16, 1969 (E), at a salary of \$10,000.
11. JOHN M. GARY, Visiting Professor of Computer Science, Graduate College, Urbana, for one year beginning September 1, 1969 (DY), at a salary of \$22,000.
12. MAHINDER K. JAIN, Visiting Professor of Computer Science, Graduate College, Urbana, for the academic year 1969-70 (E), at a salary of \$16,500.
13. JAMES J. PANCRAZIO, Visiting Assistant Professor of Educational Psychology, Urbana, for the period from February 1, 1969, through June 15, 1969 (E), at a salary of \$6,000.
14. ARTHUR PHILIP SEALY, Visiting Research Assistant Professor, in the Institute of Communications Research, College of Communications, Urbana, for the period from February 15, 1969, through July 15, 1969 (G), at a salary of \$5,000.

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

#### SABBATICAL LEAVES OF ABSENCE, 1969-70, CHICAGO CIRCLE

(6) I recommend that the following members of the staff be given sabbatical leaves of absence during the academic year 1969-70 in accordance with the provisions of the University of Illinois *Statutes* and on the terms and for the periods indicated. This recommendation is supplementary to the applications recommended to the Board of Trustees on March 19, 1969.

#### College of Liberal Arts and Sciences

##### *Department of English*

MOREEN CRUMLEY JORDAN, Associate Professor of English, spring quarter 1970, full pay.

##### *Department of Geography*

ALDEN CUTSHALL, Professor of Geography and Head of the Department, fall and winter quarters 1969-70, three-fourths pay.

##### *Department of Political Science*

DORIS A. GRABER, Associate Professor of Political Science, fall quarter 1970, full pay.

##### *Department of Speech and Theatre*

CONDE R. HOSKINS, Assistant Professor of Speech, winter and spring quarters 1969-70, three-fourths pay.

On motion of Mr. Grimes, these leaves were approved as recommended.

#### HONORARY DEGREES, URBANA

(7) The University Senate at Urbana-Champaign has recommended that honorary degrees be conferred on the following:

##### *At the Honors Day Ceremonies at Urbana-Champaign on May 2, 1969*

JOSEF ALBERS, Artist, the Degree of Doctor of Fine Arts

EUGENE ORMANDY, Music Director and Conductor, The Philadelphia Orchestra, the Degree of Doctor of Musical Arts

*At the Commencement Exercises at Urbana-Champaign on June 14, 1969*

WILLIAM L. EVERITT, Engineer; Dean, *Emeritus*, the Degree of Doctor of Science  
F. WHEELER LOOMIS, Physicist; Professor, *Emeritus*, the Degree of Doctor of Science

J. L. LUSH, Professor of Animal Science at Iowa State University, the Degree of Doctor of Science

JAMES TOBIN, Economist, Yale University, the Degree of Doctor of Laws

I concur in this recommendation of the Senate.

On motion of Mr. Hahn, these degrees were authorized as recommended.

**REVISION OF UNIVERSITY STATUTES: PRIVILEGES OF STUDENT MEMBERS OF SENATE COMMITTEES**

(8) On November 22, 1968, the Board approved provisionally an amendment to the University *Statutes* to provide for student membership on Senate committees and for Senate floor and voting privileges for such student members of Senate committees.

In accord with procedures for amending the *Statutes*, the advice of the Senates has been sought and received prior to submitting to the Board a recommendation for final action on the amendment.

In its action of November 22, the Board approved provisionally the amendment of the *Statutes* by the addition of the following new language to Section 6 (b):

The Senate may provide for student representation on its committees, and student members shall have Senate floor and voting privileges on matters relating to the action of the committees on which they serve unless the Senate otherwise provides.

Subsequently, the Senates at Urbana and at the Medical Center campus have approved the amendment as submitted to them. Chicago Circle Senate has approved a version with a few changes in wording and the Senate Coordinating Council has recommended approval of the Chicago Circle version, which is as follows:

The Senate may provide for student representation on its committees, and student *committee* members *so selected* shall have Senate floor and voting privileges on matters relating to the action of the committees on which they serve unless the Senate *provides otherwise in its by-laws and standing rules*.

Obviously, the changes suggested are in the direction of clarification of the intent of the original version: that the Senates' discretion govern both the provision for student membership on committees and the means of making that determination.

Accordingly, I recommend that the Trustees give final approval to the amendment as recommended by the Chicago Circle Senate and the Senate Coordinating Council.

On motion of Mr. Clement, this recommendation and the proposed revision to Section 6 of the University of Illinois *Statutes* were approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Jones, Mr. Pogue, Mr. Swain; no, none; absent, Mr. Hughes, Governor Ogilvie, Mr. Page, Mr. Steger, Dr. Weatherly.

**CHANGE IN NAME OF EAST DENTISTRY-MEDICINE-PHARMACY BUILDING, MEDICAL CENTER**

(9) The Chancellor at the Medical Center campus recommends that the name of the East Dentistry-Medicine-Pharmacy Building be changed to College of Pharmacy Building. Neither the College of Medicine nor the College of Dentistry is assigned space in the building. The proposed name is accurately descriptive of the primary function of the building. Although a limited number of other offices are located in the building, the College of Pharmacy occupies the majority of the space.

I concur.

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

**MASTER OF ARTS IN ANTHROPOLOGY, CHICAGO CIRCLE**

(10) The Chicago Circle Senate has recommended authorization of a program leading to the degree of Master of Arts in Anthropology.

The student demand for training in anthropology at the undergraduate level is at present exceeding existing capacity to produce well-trained professionals. The proposed program is designed to provide both substantive and methodological training in the biological and cultural aspects of man and society for students preparing to occupy college and university positions in teaching and research.

Opportunities will be provided for graduate students to conduct laboratory research and to gain experience in archeological techniques through field explorations. Students in social or cultural anthropology will undertake off-campus research involving ethnic groups, in Chicago or elsewhere. The department identifies an increasing need both for training anthropologists in the conventional methods of historical and comparative analysis of traditional societies and also in the analysis of sociological and demographic factors which underlie the emergence of towns and urban centers.

The Chancellor at the Chicago Circle campus and the Executive Vice President and Provost concur in this recommendation. The Senate Coordinating Council has indicated that no other Senate jurisdiction is involved.

Submitted herewith are outlines of sample curricula, copies of which are being filed with the Secretary of the Board for record.

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

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

**BACHELOR OF ARTS IN THE HISTORY OF ARCHITECTURE AND ART, CHICAGO CIRCLE**

(11) The Chicago Circle Senate has recommended authorization of a curriculum in the history of architecture and art leading to the degree of Bachelor of Arts.

On March 20, 1968, the Board approved the establishment of a Department of History of Architecture and Art within the College of Architecture and Art. The new department is authorized to administer the history programs previously taught separately in the Architecture Department and in the Art Department. The establishment of this department was subsequently approved by the Board of Higher Education.

The proposed program is a modification of the two separate programs. The history of architecture and art is of interest to an increasing number of professions such as the art historian, the critic, the conservator, the curator, the art center director, and others; accordingly, the minor program must be related to the specific needs of each student by means of individual counseling.

The Chancellor at the Chicago Circle campus and the Executive Vice President and Provost concur in this recommendation. The Senate Coordinating Council has indicated that no other Senate jurisdiction is involved.

Submitted herewith is an outline of the curriculum, a copy of which is being filed with the Secretary of the Board for record.

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

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

**BACHELOR OF SCIENCE IN GEOLOGY, URBANA**

(12) The Urbana-Champaign Senate has recommended authorization of a curriculum leading to the degree of Bachelor of Science in Geology.

Developments in geology over the past ten years suggest the need for a specific curriculum for students who plan to enter graduate study in geology and become professional geologists. These developments demand a broad and strong background in basic science paralleling, in many respects, existing curricula in chemistry and physics. The proposed curriculum offers more training in geology and basic science than is required of students who make geology their major subject in the sciences and letters curriculum in Liberal Arts and Sciences.

The curriculum has been approved by the Department of Geology and the College of Liberal Arts and Sciences.

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

Submitted herewith is an outline of the curriculum, a copy of which is being filed with the Secretary of the Board for record.

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

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

#### **BACHELOR OF ARTS IN SPEECH AND HEARING SCIENCE, URBANA**

(13) The Urbana-Champaign Senate has recommended authorization of a curriculum leading to the degree of Bachelor of Arts in Speech and Hearing Science.

The proposed curriculum will provide students with a type of training that will qualify them to undertake graduate work for later service as investigators and teachers in the areas of speech and hearing science. The program is intended for the student whose interests are in research and teaching in such areas as experimental phonetics, the physiological aspects of speech, and the psycho-acoustics of audition. Such individuals are in short supply, and one of the major reasons is lack of preparation in the biological sciences, mathematics, and psychology. This curriculum has been designed to overcome such deficiencies.

The curriculum has been approved by the Department of Speech and the faculty of the College of Liberal Arts and Sciences.

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

Submitted herewith is an outline of the curriculum, a copy of which is being filed with the Secretary of the Board for record.

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

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

#### **ELIMINATION OF ENGLISH QUALIFYING EXAMINATION, CHICAGO CIRCLE**

(14) On April 17, 1968, the Board of Trustees approved a recommendation "that the University requirement of satisfactory proficiency in written English as a requirement for undergraduate degrees be interpreted as a campus requirement, in order that the specific requirements on each campus may develop according to the needs of that campus." At that time, specific recommendation from the Urbana-Champaign campus for improvement of student proficiency in written English were approved.

As a part of its study of possible procedures for improvement of student proficiency in written English, the Senate Committee on Educational Policy at Chicago Circle has formulated and the Senate has recommended the following proposal:

That the English Qualifying Examination be not given after January 1, 1969, and that a passing grade in Rhetoric 102, or the equivalent, satisfy the graduation requirement in written English.

The Chancellor at the Chicago Circle campus and the Executive Vice President and Provost endorse this recommendation. The Senate Coordinating Council has advised that no other Senate jurisdiction is involved.

I concur.

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

#### **APPROPRIATIONS FOR NONRECURRING EXPENDITURES Urbana-Champaign Campus**

(15) The Chancellor of the Urbana-Champaign campus recommends the following appropriation from the Urbana-Champaign General Reserve:

Institute of Aviation

Fire Fighting Equipment for Willard Airport..... \$42 440

#### **Medical Center Campus**

The Chancellor of the Medical Center campus recommends the following appropriation from the Medical Center General Reserve:

**Physical Plant Department**

Air Conditioning for Patient Care Areas of Research and Educational

Hospitals ..... \$349 000

The Executive Vice President and Provost and the Vice President and Comptroller concur.

I recommend approval.

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

**CONTRACT FOR UNDERGROUND TUNNEL PIPING SYSTEMS TO THE PHYSICAL EDUCATION BUILDING, CHICAGO CIRCLE**

(16) The President of the University, with the concurrence of appropriate administrative officers, recommends award of a contract in the amount of \$265,000 to Delta Piping Company, Chicago, the low bidder, for construction of the hot water and chilled water piping systems in the underground tunnel to the Physical Education Building at the Chicago Circle campus.

Funds are available in state capital appropriations to the University for 1967-69 and have been released by the Governor.

On motion of Mr. Grimes, 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 Ogilvie, Mr. Page, Mr. Steger, Dr. Weatherly.

**CONTRACT FOR THERMAL INSULATION FOR UNDERGROUND TUNNEL PIPING TO BEHAVIORAL SCIENCES BUILDING AND PHYSICAL EDUCATION BUILDING, CHICAGO CIRCLE**

(17) The President of the University, with the concurrence of appropriate administrative officers, recommends award of a contract in the amount of \$107,333 to Asbestos and Magnesia Materials Co., Chicago, the low bidder on the base bid and alternate No. 1, for the installation of thermal insulation on the high temperature water and chilled water tunnel piping to the Physical Education and the Behavioral Sciences buildings and on other piping in existing tunnels in connection with this work at the Chicago Circle campus.

Funds are available in state capital appropriations to the University for 1967-69 and have been released by the Governor.

On motion of Mr. Hahn, 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 Ogilvie, Mr. Page, Mr. Steger, Dr. Weatherly.

**CONTRACTS FOR CONSTRUCTION OF STAIRWAY ENCLOSURES IN NATURAL HISTORY BUILDING, URBANA**

(18) The President of the University, with the concurrence of appropriate administrative officers, recommends award of the following cost-plus contracts based on percentages bid for contractors' fees for construction of stairway enclosures in the Natural History Building, Urbana, the award in each case to the lowest bidder:

	<i>Per Cent for Material</i>	<i>Per Cent for Labor</i>	<i>Per Cent for Sub- contracts</i>	<i>Estimated Fee Pay- ments and Equipment Costs</i>	<i>Total Estimated Payments</i>
General — John E. Hardwick, an individual, doing business as Hardwick Construction, Champaign.....	5	10	10	\$3 300	\$50 300
Electrical — Remco Electrical Corporation, Champaign.....	7	25	..	1 850	12 850

Funds are available in state capital appropriations to the University for 1967-69 and have been released by the Governor.

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

On motion of Mr. Pogue, 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 Ogilvie, Mr. Page, Mr. Steger, Dr. Weatherly.

#### **CONTRACT FOR THERMAL INSULATION FOR IMPROVEMENTS IN STEAM DISTRIBUTION SYSTEM, URBANA**

(19) The President of the University, with the concurrence of appropriate administrative officers, recommends award of a contract in the amount of \$39,990 to Champaign A & K Insulation Co., Champaign, the low bidder, for furnishing and installation of thermal insulation for Phase I alterations to increase the pressure in the steam distribution system at the Urbana-Champaign campus.

Funds are available in state capital appropriations to the University for 1967-69 and have been released by the Governor.

On motion of Mr. Hahn, 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 Ogilvie, Mr. Page, Mr. Steger, Dr. Weatherly.

#### **LEASE OF SPACE FOR THE CENTER FOR CRANIOFACIAL ANOMALIES, MEDICAL CENTER**

(20) The President, with the concurrence of the Chancellor at the Medical Center and the Vice President and Comptroller, recommends authorization of the execution of a lease of space for the Center for Craniofacial Anomalies from Arthur Rubloff & Co., agents, for the period May 1, 1969, through December 31, 1970, at a monthly rate of \$1,394.65, and for the period January 1, 1971, through December 31, 1972, at a monthly rate of \$1,529.80, payable solely out of federal funds and funds from private donors with no state appropriated funds involved. This lease will have a clause permitting the University to terminate upon sixty days' notice at the end of any calendar year.

The University has received a research grant of \$218,727 from the United States Public Health Service to establish a Data Bank which will house the research and clinical records of the Center and provide space essential to the development of a computerized facility for data retrieval and analysis. Space is not available in University facilities for this program, and the Public Health Service in approving this grant has provided funds to lease off-campus space.

Suitable space, consisting of 4,907 square feet, is available in a building at 416 South Franklin Street, Chicago. The lessor has agreed to pay for the necessary remodeling and decorating, heating, and janitorial service for a rental of \$3.41 per square foot per year for the period through December 31, 1970, and \$3.72 per square foot per year for the period January 1, 1971, through December 31, 1972. This rate is reasonable considering the location and quality of the facility proposed to be rented.

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

#### **ACCIDENTAL DEATH, DISMEMBERMENT, AND TOTAL PERMANENT DISABILITY INSURANCE**

(21) Bids have been taken for a continuation of the voluntary Faculty-Staff Group Accidental Death, Dismemberment, and Permanent Disability Insurance Program for a period of three years with the right reserved to continue the contract thereafter upon the mutual agreement of the University and the insurance company.

The policy will provide the same coverage as the current program which is world-wide coverage for loss resulting from any accidental bodily injury sustained while the policy is in force, except for limited standard exclusions.

Under the current policy, only wives of insured faculty-staff members are eligible for coverage, but under the new contract coverage will be extended to include husbands.



The Vice President and Comptroller recommends the contract be awarded to H. R. Bresee & Co., Champaign, Illinois, as agent for the American Casualty Company of Reading, Pennsylvania, the low bidder, at the following monthly rates for the four optional amounts of insurance.

Amounts of Insurance.....	\$10 000	\$25 000	\$50 000	\$100 000
Premium per Month.....	\$ .42	\$ 1.15	\$ 2.30	\$ 4.60
(Current Premium).....	.42	1.17	2.73	6.27

The policy will provide coverage for all forms of travel, including air travel as a passenger in any licensed aircraft.  
I concur.

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

#### PURCHASES

(22) The President submitted, with his concurrence, a list of purchases recommended by the Directors of Purchases and the Vice President and Comptroller; also two purchases authorized by the President.

The list of purchases was presented in two categories: purchases from appropriated funds (i.e., from state appropriations to the University) and purchases from institutional funds. The latter term designates funds received by the University under contracts with the United States government, contracts with private corporations and other organizations, funds from foundation grants, and grants from corporations and other donors, and University revolving funds authorized by law.

The total amounts of these purchases were:

##### *From Appropriated Funds*

Recommended ..... \$201 746 37

##### *From Institutional Funds*

Authorized ..... 28 000 00

Recommended ..... 566 843 40

*Total* ..... \$594 843 40

*Grand Total* ..... \$796 589 77

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

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

#### COMPTROLLER'S REPORT OF PURCHASES APPROVED

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

This report was received for record.

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

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

##### Chicago Circle

##### *Change Orders*

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>
Fries Walters Company	Cost-plus contract — Electrical work on utilities system	\$ 5 600
<i>Total Chicago Circle</i>		<u>\$ 5 600</u>

**Medical Center***New Contracts*

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
City of Chicago Board of Health	Physical and psychological development evaluation of infants in High-Risk Infant Clinic	\$ 82 651
University of Chicago and Illinois Regional Medical Program, Inc.	Staff services as program coordinator	8 139
World Health Organization	Consulting services for Southeast Asian medical schools	6 100
<i>Total Medical Center</i>		<u>\$ 96 890</u>

**Urbana-Champaign***New Contracts*

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
United States Air Force F33615-69-C-1251	Effect of electron on neutron bombardment on pertinent properties of semiconducting laser materials	\$ 38 795
United States Army: DAAB 07-69-C-0204	Research in radar processing	40 000
DA-ARO-D-31-124-G1103	Investigation of millimeter and quasi-optical waveguide, resonators, and microwave thin film circuits	38 945
United States Atomic Energy Commission AT(11-1) 207	Study of advanced methods for nuclear reactor-gas laser coupling	53 000
United States Department of Health, Education, and Welfare: OEG-0-9-231505-2006-725	Illinois resident clinical fellowship program	10 000
OEG-0-9-585038-1375 (085)	Integrated longitudinal study of practical nursing	50 602
OEG-5-9-235123-0019 (095)	Amenability of a cataloging process to simulation by automatic techniques	9 877
United States Navy N00024-69-C-5297	Effects of weld flaws on fatigue behavior of butt welds in HY130 steel	63 870
<i>Total</i>		<u>\$ 305 089</u>

*Change Orders*

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
Crop-Hail Insurance Actuarial Association	Factors producing hailstorms and rainfall influences on crop yields in Illinois	\$ 9 000
United States Air Force F33615-68-C-1522	Conduct research on information acquisition via microfilm	9 988
United States Army: DA-18-001-AMC-1016 (X)	Study of initiation and stability of gaseous detonation	31 000
DA-28-043-AMC-00338 (E)	Development of a compact easily transportable HF directive array	5 380
DAAB-07-67-C-0199	Development of techniques for military applications in accordance with confidential technical guidelines	1 678 000
DACA-39-67-C-0009	Behavior of underground openings subjected to static loads	85 000
United States Atomic Energy Commission: AT(11-1)1142	Kinetic isotope effects and related chemical kinetic problems	28 000
AT(11-1)1198	Understanding the nature of materials, predominantly solids	74 000
AT(11-1)1339	Fission product levels and metabolism in food producing animals	37 000
AT(11-1)1683	Relationship of structural and regulatory genes controlling the ability of cells to exist under different environmental conditions	57 000

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
United States Department of Health, Education, and Welfare OEC-3-7-061174-0271	Improvement of college-level student achievement through changes in the examinations	\$ 28 538
United States Navy: N00014-67-A-0305-0001	Kinetic theory of strong shock waves by solution of the Boltzmann equation	30 000
N-00014-67-A0305-0002	Investigations of radio direction finding techniques over broad bands of frequencies to obtain accurate information on interrupted signals	230 000
N-00014-67-A-0305-0012	Conduct research on the development of objective factor analytic procedures	35 012
<i>Total</i>		<u>\$2 337 918</u>

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>
Barber and DeAtley, Inc.	Cost-plus contract—general: Horse Barn remodeling	\$ 9 000
<i>Total</i>		<u>\$ 9 000</u>
<i>Total Urbana-Champaign</i>		<u>\$2 652 007</u>

**Summary**

Amount to be paid to the University:	
Medical Center.....	\$ 96 890
Urbana-Champaign.....	2 643 007
<i>Total</i> .....	<u>\$2 739 897</u>
Amount to be paid by the University:	
Chicago Circle.....	\$ 5 600
Urbana-Champaign.....	9 000
<i>Total</i> .....	<u>\$ 14 600</u>

This report was received for record.

**INVESTMENT REPORT**  
**For the Month of February, 1969**

**Report of the Finance Committee**

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

*Beck*

Purchase:  
\$6 000 Walter E. Heller & Company demand notes..... \$ 6 000 00

*Beckwith*

Purchase:  
\$33 000 U.S. Treasury bills due 10/31/69..... 31 594 11

*Duke*

Purchase:  
\$15 000 U.S. Treasury 6½ per cent notes due 5/15/70..... 14 992 50

*Pool*

Sales:  
18 shares Detroit & Canada Tunnel..... 324 00  
507 shares R. R. Donnelly common stock..... 19 547 44  
79 warrants McCrory Corporation..... 1 021 48  
11 shares McCrory Corp. 4½ per cent Cm. preferred B stock.... 884 66  
75 shares Northern Illinois Gas common stock..... 2 529 52  
1,500 shares Santa Fe Industries 50¢ Cm. preferred stock..... 16 712 15  
500 shares Union Carbide common stock..... 22 463 59

## Purchases:

\$ 19 000 Associates Investment demand notes..... 19 000 00  
117 000 Commercial Credit demand notes..... 117 000 00

*Rust*

## Purchases:

\$12 000 Walter E. Heller demand notes.....	12 000 00
38 000 U.S. Treasury bills due 10/31/69.....	36 381 09

**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:

*City of Chicago Escrow**Current Funds*

## Purchase:

\$79 000 U.S. Treasury bills due 6/19/69.....	\$ 77 139 99
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*Ford Foundation General Engineering*

## Purchase:

\$23 000 U.S. Treasury bills due 8/7/69.....	22 330 15
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*Ford Foundation International Programs*

## Purchases:

\$60 000 U.S. Treasury bills due 10/31/69.....	57 340 93
92 000 U.S. Treasury 6¾ per cent notes due 5/15/70.....	91 954 00

*May Telescope*

## Sale:

150 shares Aluminum Company of America common stock.....	11 155 08
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*Medical Service Plan (Medical Center)*

## Purchase:

\$35 000 Federal National Mortgage Association note due 7/10/69..	34 825 00
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*Restricted Group*

## Purchases:

\$1 000 000 John Deere Credit notes due 2/19/69.....	997 520 83
500 000 B-W Acceptance notes due 2/20/69.....	498 671 87
1 000 000 Avco Delta notes due 6/4/69.....	979 204 86
500 000 Motorola notes due 6/5/69.....	490 625 00
1 000 000 Hallmark notes due 6/30/69.....	974 722 22

*Construction Funds**Bonds of 1964 Auxiliary (Medical Center)*

## Purchase:

\$50 000 U.S. Treasury bills due 4/22/69.....	49 564 58
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*Florida Avenue Residence Halls*

## Purchase:

\$44 000 U.S. Treasury bills due 8/14/69.....	42 735 10
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*Orchard Apartments*

## Sale:

\$20 000 U.S. Treasury bills due 7/24/69.....	19 469 17
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## Purchase:

\$45 000 U.S. Treasury bills due 7/24/69.....	43 746 75
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*Assembly Hall**Sinking Funds*

## Sale:

\$133 000 U.S. Treasury bills due 3/27/69.....	131 748 32
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*Housing Revenue Bonds*

## Purchases:

\$ 854 000 U.S. Treasury bills due 3/24/69.....	849 824 89
1 134 000 U.S. Treasury 6¾ per cent notes due 5/15/70.....	1 133 433 00

*Illini Union and Health Center*

## Purchases:

\$125 000 U.S. Treasury bills due 3/27/69.....	124 365 50
315 000 U.S. Treasury bills due 8/31/69.....	304 820 08
128 000 U.S. Treasury 6¾ per cent notes due 5/15/70.....	127 936 00

*Men's Residence Halls of 1957*

## Purchases:

\$196 000 U.S. Treasury bills due 3/24/69.....	194 993 87
145 000 U.S. Treasury 6¾ per cent notes due 5/15/70.....	144 927 50

*Revenue Bonds of 1956*

## Purchases:

\$8 000 U.S. Treasury bills due 3/24/69.....	7 970 89
8 000 U.S. Treasury 6¾ per cent notes due 5/15/70.....	7 996 00

*Student Services Building*

## Purchase:

\$19 000 U.S. Treasury bills due 3/24/69.....	18 921 31
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*Union (Chicago Circle)*

## Purchase:

\$352 000 U.S. Treasury bills due 3/20/69.....	344 972 13
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*Women's Residence Halls*

## Purchases:

\$30 000 U.S. Treasury bills due 3/24/69.....	29 863 33
2 000 U.S. Treasury 6¾ per cent notes due 5/15/70.....	1 999 00

This report was received for record.

**COMMUNICATION FROM THE UNIVERSITY OF SIERRA LEONE**

(26) The Secretary reports receipt of a communication from the University of Sierra Leone expressing appreciation for assistance provided by the University of Illinois and announcing the conferring of an honorary degree upon the President of the University.

Since 1963, under contract with the United States Agency for International Development, the University has aided in the development of the University of Sierra Leone through the provision of technical assistance and educational services. During the course of this relationship, some forty-five members of the faculty have served in Sierra Leone on the project. Approximately fifteen citizens of Sierra Leone have come here to pursue further education.

On February 12, 1969, on the occasion of the First Congregation of the University of Sierra Leone and the installation of Sir Samuel Bankole Jones as Chancellor of the University, Vice Chancellor Matturi said, "Our thanks also go to the United States Government and The Board of Trustees of the University of Illinois for the parts they have played in nurturing what may be described as a 'preocious infant' in this University partnership."

The ceremony also included the granting of honorary degrees, including the degree Doctor of Civil Law *honoris causa* to President Henry, *in absentia*, for his "contribution to scholarship, and the keen interest you have shown in the development of Njala University College" (one of the two colleges which constitute the University of Sierra Leone).

This report was received for record.

**SALE OF PROPERTY**

(27) The University of Illinois received as a part of the bequest of Mr. Guy M. Beckwith a farm located in Will County, Illinois. The farm includes approximately ninety-eight acres.

The bequest was "to be used towards building residence halls for students and said residence halls will be called 'Beckwith Hall' or 'Beckwith Residence Hall' to be located at Urbana-Champaign, Illinois."

Sealed bids were received for this property on April 7. The best bid received was from Herman J. Wilhelmi and La Verne S. Brown in the amount of \$105,000.

The President of the University, with the concurrence of the appropriate administrative officers, recommends acceptance of this bid in accordance with the published terms of sale.

On motion of Mr. Pogue, 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 Ogilvie, Mr. Steger, Dr. Weatherly, Mr. Page.

#### ESTATE OF D. ALICE TAYLOR

(28) Section 6 of the Will of D. Alice Taylor reads as follows: "The other one-half of said residue I bequeath and devise to the University of Illinois in trust to invest the principal sum thereof and to use the income therefrom for assisting needy worthy students of said University in pursuing their studies toward degrees conferred by said University."

The Executor of the estate has transferred to the University cash and securities valued at \$133,277.99.

This represents the final distribution of the University's share, although it is possible that a small additional amount may be received in the future.

In accordance with the terms of the Will and University policy, the funds will be invested in the endowment pool. The income will be used for student aid upon the recommendation of the University Committee on Financial Aid to Students.

This report was received for record.

#### RECOMMENDATION CONCERNING PRESENTATIONS TO THE BOARD OF TRUSTEES ON MARCH 19, 1969

(29) A number of subjects relating to University policies and procedures were identified in the presentations received by the Board last month from the Black Faculty and Staff Association and the Black Students Association, and from the Concerned Citizens Committee of Champaign.

As the Trustees are aware, a number of positive actions have been taken in recent years concerning several of the topics referred to (and concerning related matters not introduced in the presentations). In addition, new proposals now are receiving study by the Chancellor and his staff and by committees at the Urbana campus. From time to time the Trustees have received reports and information concerning them, and as the studies go forward, there will be further reports and possibly recommendations.

Concerning the major subject raised by the Concerned Citizens Committee, the impact of University policies on housing beyond the campus, it is my recommendation that this subject be referred to the General Policy Committee of the Board. To provide the Committee with background and analysis, I have asked the Vice President and Comptroller to undertake with the Chancellor appropriate study of this question and its implications and to provide me with a report which I can present to the Committee as soon as may be feasible.

A number of Trustees commented favorably on the recommendation, taking note of the University's obligation to appraise the problem and the potential for influencing positive action. President Henry indicated the desirability of bringing up to date earlier University studies on housing. Accordingly, on motion of Mr. Hahn, the recommendation was approved and the Secretary was directed to communicate the action of the Board to the Concerned Citizens Committee of Champaign.

#### SECRETARY'S REPORT

The Secretary presented for record the following lists: appointments to the faculty made by the President; resignations, cancellation, and declinations; leaves of absence; and retirement. A copy of the report is filed with the Secretary.

**ANNOUNCEMENTS FROM THE PRESIDENT OF THE BOARD**

The President *Pro Tempore* called attention to the schedule of the next three meetings of the Board: May 21, 1969, in Urbana; June 18, 1969, at the Medical Center; and July 16, 1969, in Urbana.

**STUDENT FINANCIAL AID FUNDS FOR UNDERGRADUATES<sup>1</sup>**

Mr. Jones referred to a recent report sent to the Trustees in which the present levels of funds available for student aid were presented with estimates of anticipated need during the next year. The report has been filed with the Secretary for record.

Mr. Jones recommended that the Board express its concern with regard to anticipated reductions in federal support, with particular reference to Educational Opportunity Grants. He moved that a resolution to this effect be prepared and sent to the Illinois congressional delegation and to the appropriate federal agencies. In the course of the discussion it was pointed out that programs partially supported by Educational Opportunity Grants and other federal programs of student aid are affected by higher tuition charges and general rising costs.

On motion of Mr. Jones, the Board authorized the Secretary to convey the position of the Board in support of restoration of these funds, to members of the Congress and federal agencies affected.

**RECESS**

On motion of Mr. Clement, the meeting was recessed and the President *Pro Tempore* stated that a meeting of the Committee on Buildings and Grounds had been called and that an executive session had been requested and was being ordered to consider a recommendation of property acquisition.

**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 recommendation from the President of the University.

**PURCHASE OF 506 SOUTH MATHEWS AVENUE, URBANA**

(30) The President of the University, with the concurrence of appropriate administrative officers, recommends the purchase of the property at 506 South Mathews Avenue, Urbana, for the sum of \$241,500. The property has dimensions of 120 feet by 180 feet (21,600 square feet) and is improved with a twenty-one-unit apartment building of masonry construction. The property is being acquired for future expansion of the proposed Medical Sciences Building and will be used on an interim basis for either academic offices or for housing.

Funds are available in state capital appropriations to the University for 1967-69 and have been released by the Governor.

On motion of Mr. Hahn, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr.

<sup>1</sup> See also May 21, 1969, minutes for revised report.

Jones, Mr. Pogue, Mr. Swain; no, none; absent, Mr. Hughes, Governor Ogilvie, Mr. Page, Mr. Steger, Dr. Weatherly.

On motion of Mr. Clement, the Board adjourned.

EARL W. PORTER  
*Secretary*

TIMOTHY W. SWAIN  
*President, Pro Tempore*



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

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**May 21, 1969**



The May meeting of The Board of Trustees of the University of Illinois was held in the Faculty Lounge of the Illini Union, Urbana, Illinois, on Wednesday, May 21, 1969, beginning at 9:30 a.m.

President Earl M. Hughes called the meeting to order and asked the Secretary to call the roll. The following members of the Board were present: Mr. Howard W. Clement, Mr. Donald R. Grimes, Mr. Ralph C. Hahn, Mr. Earl M. Hughes, Mr. Harold Pogue, Mr. Russell W. Steger, Mr. Timothy W. Swain. Mr. Theodore A. Jones, Governor Richard B. Ogilvie, Mr. Ray Page, and Dr. James A. Weatherly were absent.

Also present were President David D. Henry; Executive Vice President and Provost Lyle H. Lanier; Chancellor J. W. Peltason, Urbana-Champaign campus; Chancellor Norman A. Parker, Chicago Circle campus; Chancellor Joseph S. Begando, Medical Center campus; Dr. Eldon Johnson, Vice President of the University; Mr. C. S. Havens, University Director of Physical Plant Planning and Construction; Mr. C. E. Flynn, Assistant to the President and University Director of Public Information; Mr. James J. Costello, University Counsel; and 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 July 24, 1968, press proof copies of which had previously been sent to the Board.

On motion of Mr. Swain, these minutes were approved as printed on pages 1 to 30 inclusive.

### THE OAKLEY DAM PROJECT AND ALLERTON PARK

The opportunity to present petitions and to appear before the Board had been requested by Dr. Jack Paxton of the "Committee on Allerton Park" and Mrs. Ross Martin for the "Republican Women's Petition to Save Allerton Park." By consensus, the Board agreed to hear and receive the two petitions and Dr. Paxton and Mrs. Martin spoke briefly. The petitions were received and are filed with the Secretary of the Board.

### VISITATION PROGRAM

President Hughes then made the following announcement:

It is timely for me to report to the Board, and to the members of the Committee on General Policy as well, that I have received a large number of communications from parents, students, and others concerning the visitation program. I have made no attempt to analyze these in detail, but it is clear that the parents from whom I have heard are not in agreement about the desirability of continuing the program. A number favor it strongly; a number do not favor it at all. I understand that these communications are being studied by the staff and will be taken into account in the evaluation now before the Committee on General Policy.

**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.

### REVISED CAPITAL BUDGET REQUEST FOR 1970-71

(1) The Governor has directed that the budgets of all state agencies be prepared on an annual basis — beginning with the fiscal year 1969-70 (FY 1970). Accordingly, it has been necessary to divide into two parts the University's budget for capital funds previously approved by the Board of Higher Education for the biennium 1969-71.

The Director of the Illinois Department of Finance requested on February 3, 1969, that the University submit a revised capital request for FY 1970 (1969-70), including the following categories of funds: (a) reappropriations of general-revenue funds provided for capital purposes in earlier biennia but not to be expended by July 1, 1969; (b) funds to be provided by the Illinois Building Authority for all new buildings approved by the Board of Higher Education for the *biennium 1969-71*; (c) general-revenue funds for part of the total amount included in the earlier capital request for the biennium 1969-71.

The figures supplied by the University in response to this request were included in the Governor's budget recommendations to the General Assembly for FY 1970. They are shown in detail in a document being filed with the Secretary of the Board. Pertinent summaries of the revised capital request for Fiscal Year 1971 are printed at the end of this memorandum. The latter consists principally of the residue of the 1969-71 general-revenue (non-building) projects not included in the

revised request for FY 1970—with certain reductions in funds, deletions, and additions. Only one new building has been added: a parking structure for the Chicago Circle campus.

The University's total capital request for FY 1971 is \$22,162,080—including \$20,012,080 from general-revenue funds, and \$2,150,000 in funds to be supplied by the Illinois Building Authority.

I recommend approval of the revised budget request for capital funds for FY 1971, as proposed by the University Building Program Committee.<sup>1</sup>

On motion of Mr. Grimes, the revised budget request for capital funds for fiscal year 1971 was approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Pogue, Mr. Steger, Mr. Swain; no, none; absent, Mr. Jones, Governor Ogilvie, Mr. Page, Dr. Weatherly.

### Introduction

When the Governor directed that the budgets of all state agencies be prepared on an annual basis—beginning with the fiscal year 1969-70 (FY 1970)—the University submitted a revised capital request for that year to the Illinois Department of Finance. The following categories of funds were included:

1. Reappropriations of general-revenue funds that had been provided for capital purposes in earlier biennia but could not be expended by July 1, 1969 (\$21,962,400).
2. Funds to be provided by the Illinois Building Authority for the construction of the new buildings approved by the Board of Higher Education for the biennium 1969-71.
3. General-revenue funds for approximately half of the total amount included in the earlier budget request for the biennium 1969-71—as approved by the Board of Higher Education (\$20,357,700 of the original total of \$40,162,300).

The Governor's budget for FY 1970 includes all of the general-revenue funds requested for capital purposes by the University in its revised FY 1970 budget proposals. In addition, general-revenue funds are provided for rental payments to the Illinois Building Authority—covering all University buildings previously funded by IBA and all new buildings approved by the Board of Higher Education for IBA funding during the biennium 1969-71 (total, \$16,202,470). The University as yet has no information as to what authorizations for new building projects will be sought by the Illinois Building Authority during the current session of the General Assembly.

In the present document, the University submits its revised capital request for FY 1971. Except for a parking structure at the Chicago Circle campus, no new buildings have been added to the list previously approved by the Board of Higher Education for 1969-71. The revised FY 1971 request, therefore, consists principally of the residue of the 1969-71 general-revenue (non-building) projects not included in the revised request for FY 1970—with certain reductions in funds, deletions, and additions. Changes in the original lists are proposed only for the Medical Center and the Urbana-Champaign campuses; but the total of general-revenue appropriations requested for capital purposes in FY 1971 does not greatly exceed the corresponding amount in the 1969-71 request as approved by the Board of Higher Education. (The residual total of general-revenue funds was \$19,804,600; the revised FY 1971 request totals \$20,012,080.)

### Summary of Capital Requests—Fiscal Year 1971

In preparing the University's FY 1971 capital request, it has been assumed that the General Assembly will approve: (a) general-revenue appropriations recommended

<sup>1</sup> University Building Program Committee: Lyle H. Lanier, Executive Vice President and Provost, *Chairman*; Joseph S. Begando, Chancellor at the Medical Center; Donald J. Caseley, Vice Chancellor at the Medical Center and Chairman of the Medical Center Campus Planning Committee; H. O. Farber, Vice President and Comptroller; H. A. Laitinen, Professor of Chemistry and Chairman of the Urbana-Champaign Campus Planning Committee; Norman A. Parker, Chancellor at Chicago Circle; Jack W. Peltason, Chancellor at Urbana-Champaign; William F. Sager, Professor and Head of the Department of Chemistry and Chairman of the Chicago Circle Campus Planning Committee; H. D. Bareither, Director of University Office of Space Programming (Staff Consultant); C. S. Havens, University Director of Physical Plant Planning and Construction (Staff Consultant).

by the Governor; (b) the building projects recommended by the Board of Higher Education for funding by the Illinois Building Authority.

**General-Revenue Funds.** The following figures summarize the amounts requested in general-revenue funds for all three campuses for FY 1970 and FY 1971, and show the relationships of the general-revenue items to corresponding capital amounts in (a) the biennial request for 1969-1971 and (b) the revised request for FY 1970:

<i>Campus</i>	<i>1969-1971 Request</i>	<i>FY 1970 Request</i>	<i>FY 1971 Request</i>
Chicago Circle.....	\$17 993 800	\$ 9 136 500	\$ 8 672 980
Medical Center .....	7 969 800	4 801 100	3 846 300
Urbana-Champaign.....	14 198 700	6 420 100	7 492 800
<i>Total</i> .....	<i>\$40 162 300</i>	<i>\$20 357 700</i>	<i>\$20 012 080</i>

**IBA Funding (Parking Structure, Chicago Circle).** In addition to the general-revenue funds requested for FY 1971, authorization is sought for the Illinois Building Authority (IBA) to construct a parking structure at the Chicago Circle campus — at an estimated cost of \$2,150,000.

**University-wide Summary.** The University's total capital request for FY 1971 is \$22,162,080 — including \$20,012,080 from general revenue and \$2,150,000 in IBA funds.

A breakdown by campuses and by the several categories of costs is shown in Table I. The general-revenue categories are: owner's costs related to new buildings (ineligible for IBA funding); land acquisition; movable equipment; utilities distribution; planning; remodeling (including rehabilitation and minor buildings); protection of life and property; site improvements.

In succeeding sections of this report, the detailed requests for the separate campuses are presented — including the following tables: Table II, Chicago Circle; Table III, Medical Center; Table IV, Urbana-Champaign.

**Table I. FY 1971 Capital Request — Summary for All Campuses**

*Project Categories and Campus Totals*

1. Buildings	
Owner's Cost — Projects	
Original 1969-71 Request	
Chicago Circle .....	\$ 171 180
Medical Center .....	118 700
Urbana-Champaign.....	147 000
Added Project — FY 1971	
Chicago Circle — Parking Structure <sup>1</sup> .....	2 150 000 <sup>1</sup>
<i>Subtotal, Buildings</i> .....	<i>(2 586 880)</i>
2. Land Acquisition	
Chicago Circle .....	—0—
Medical Center .....	—0—
Urbana-Champaign.....	650 000
<i>Subtotal, Land Acquisition</i> .....	<i>(650 000)</i>
3. Movable Equipment	
Chicago Circle .....	4 051 000
Medical Center .....	406 000
Urbana-Champaign.....	1 981 500
<i>Subtotal, Movable Equipment</i> .....	<i>(6 438 500)</i>
4. Utilities Distribution	
Chicago Circle .....	1 014 400
Medical Center .....	386 000
Urbana-Champaign.....	2 374 300
<i>Subtotal, Utilities Distribution</i> .....	<i>(3 774 700)</i>

<sup>1</sup> Of the total cost of \$2,150,000, the sum of \$268,000 would be provided from parking rentals.

*Project Categories and Campus Totals*

5. Planning Funds	
Chicago Circle .....	870 100
Medical Center .....	350 300
Urbana-Champaign .....	348 700
<i>Subtotal, Planning Funds</i> .....	(1 569 100)
6. Remodeling	
Chicago Circle .....	922 700
Medical Center .....	1 929 300
Urbana-Champaign .....	631 100
<i>Subtotal, Remodeling</i> .....	(3 483 100)
7. Protection of Life and Property	
Chicago Circle .....	519 700
Medical Center .....	623 800
Urbana-Champaign .....	1 360 200
<i>Subtotal, Protection of Life and Property</i> .....	(2 503 700)
8. Site Improvements	
Chicago Circle .....	1 123 900
Medical Center .....	32 200
Urbana-Champaign .....	-0-
<i>Subtotal, Site Improvements</i> .....	(1 156 100)
9. Totals by Campuses	
Chicago Circle .....	10 822 980
Medical Center .....	3 846 300
Urbana-Champaign .....	7 492 800
10. <i>Total, All Campuses</i> .....	\$22 162 080

**Table II. Chicago Circle Campus — FY 1971 Capital Request***Project Categories and Campus Totals*

1. Buildings	
Owner's Cost — Projects in	
Original 1969-71 Request	
Architecture and Art Addition .....	\$ 23 500
Classroom-Office Building .....	15 840
Library Addition .....	33 840
Plant Research Laboratory .....	3 200
Power Plant Addition .....	7 000
Science and Engineering — Classroom .....	17 400
Science and Engineering — Engineering .....	47 040
Student Services Building .....	23 360
Added Project — FY 1971	
Parking Structure <sup>1</sup> .....	2 150 000 <sup>1</sup>
<i>Subtotal, Buildings</i> .....	(2 321 180)
2. Land Acquisition .....	-0-
3. Movable Equipment	
1967-69 Buildings	
Behavioral Sciences .....	-0-
Education-Communication .....	-0-
Science and Engineering, South .....	-0-
<i>Subtotal, 1967-69 Buildings</i> .....	( -0- )
1969-71 Buildings	
Architecture and Art Addition .....	738 100
Library Addition .....	18 000

<sup>1</sup> Of the total cost of \$2,150,000, the sum of \$268,000 would be provided from parking rentals.

*Project Categories and Campus Totals*

Science Engineering and Classrooms.....	2 695 700
Student Services and Classrooms.....	599 200
<i>Subtotal, 1969-71 Buildings.....</i>	<i>(4 051 000)</i>
<i>Subtotal, Movable Equipment.....</i>	<i>(4 051 000)</i>
4. Utilities Distribution	
To Classroom-Office Building.....	1 014 400
5. Planning .....	870 100
6. Remodeling	
Building Equipment Automation.....	586 200
Campus Security.....	158 500
Racine Avenue Building.....	-0-
Roosevelt Road Building.....	178 000
<i>Subtotal, Remodeling .....</i>	<i>(922 700)</i>
7. Protection of Life and Property	
Correction to Steam Distribution.....	519 700
8. Site Improvements	
1967-69 Buildings	
Physical Education Building (Ancillary Facilities).....	-0-
Drainage (Roosevelt Road).....	-0-
Playing Fields (Roosevelt Road).....	495 800
<i>Subtotal, 1967-69 Buildings.....</i>	<i>(495 800)</i>
General Campus	
Architecture and Art Plaza.....	301 600
Expand Basement (University Hall).....	169 900
Landscaping, Parking Lot No. 5.....	-0-
Landscaping, Library .....	25 100
Sprinkler System .....	41 800
Landscaping, Phase IV Buildings.....	77 200
Miscellaneous Site Work.....	12 500
<i>Subtotal, General Campus.....</i>	<i>(628 100)</i>
<i>Subtotal, Site Improvements.....</i>	<i>(1 123 900)</i>
<i>Total.....</i>	<i>\$10 822 980</i>

**Table III. Medical Center Campus — FY 1971 Capital Request***Project Categories and Campus Totals*

1. Buildings — Owner's Costs	
Dentistry, Phase II.....	\$ 48 600
Library Addition .....	70 100
<i>Subtotal, Owner's Costs.....</i>	<i>(118 700)</i>
2. Land Acquisition.....	-0-
3. Movable Equipment	
1967-69 Buildings	
Dentistry, Phase I.....	-0-
Medical Research Laboratory.....	-0-
Nursing Building.....	-0-
Office Building .....	-0-
<i>Subtotal, 1967-69 Buildings.....</i>	<i>( -0- )</i>
1969-71 Buildings	
Dentistry, Phase II.....	400 000
Library .....	6 000
<i>Subtotal, 1969-71 Buildings.....</i>	<i>(406 000)</i>
<i>Subtotal, Movable Equipment.....</i>	<i>(406 000)</i>

*Project Categories and Campus Totals*

4. Utilities Distribution	
To Dentistry, Phase II.....	386 000
5. Planning	
Campus Projects .....	237 800
Clinical Centers — Peoria and Rockford.....	112 500
Subtotal, Planning .....	(350 300)
6. Remodeling	
Air Conditioning .....	-0-
Dentistry-Medicine-Pharmacy Building — Space Vacated by Ad-	
ministrative Offices .....	71 100
Dentistry-Medicine-Pharmacy Building — Space Vacated by	
Nursing .....	84 700
Pharmacy Building — Space Vacated by Relocated Unit.....	66 400
Pharmacy Building — Space For Business Office.....	48 000
Hospital — Organ Transplant Center.....	261 000
Neuropsychiatric Institute.....	53 000
TV System for Illustration Studios.....	-0-
Hospital Addition — Floor Kitchens.....	60 600
Hospital — Interns' Quarters.....	-0-
Hospital — Elevator Rehabilitation .....	141 900
Hospital — Newborn Nursery Expansion.....	-0-
Campus Security System Improvements.....	-0-
Hospital — Third Floor West.....	83 600
Hospital — Orthopedics Second Floor.....	100 000
Hospital — Orthopedics First Floor.....	85 000
Hospital — Sixth Floor South.....	63 000
Hospital — Clinics.....	200 000
Hospital — Thirteenth Floor .....	41 000
Hospital — Fourteenth Floor .....	24 700
Hospital — Tenth Floor.....	76 300
Hospital — Seventh Floor South.....	74 000
Hospital — X-Ray Waiting Rooms.....	42 000
Hospital — Radioisotope Laboratory .....	53 000
Hospital — Vacated Space .....	200 000
Hospital — Clinical Laboratories .....	100 000
Subtotal, Remodeling .....	(1 929 300)
7. Protection of Life and Property	
Building — Safety Relief Valves.....	530 800
Code Violations — Hospital .....	93 000
Code Violations — Pharmacy Building.....	-0-
Enclose Stairs in Dentistry-Medicine-Pharmacy Building.....	-0-
Subtotal, Protection of Life and Property.....	(623 800)
8. Site Improvements	
Refuse Station .....	32 200
Total.....	\$ 3 846 300

**Table IV. Urbana-Champaign Campus — FY 1971 Capital Request***Project Categories and Campus Totals*

1. Buildings — Owner's Costs	
Animal Holding Facility.....	\$ 13 500
East Chemistry Addition.....	22 800
Law Building Addition.....	40 500
Power Plant Addition.....	-0-
Turner Hall Addition.....	32 400



*Project Categories and Campus Totals*

Veterinary Medicine Hospital.....	37 800
<i>Subtotal, Owner's Costs</i> .....	(147 000)
2. Land Acquisition.....	650 000
3. Movable Equipment	
1967-69 Buildings	
Civil Engineering, Phase II.....	-0-
Foreign Languages Building.....	937 000
Intramural—Physical Education.....	200 000
Library, Fifth Stack.....	-0-
Music Building.....	655 000
Small Animal Clinic.....	-0-
Women's Gym Addition.....	15 000
Unassigned Space.....	-0-
<i>Subtotal, 1967-69 Buildings</i> .....	(1 807 000)
1969-71 Buildings	
Animal Holding Facility.....	-0-
Fire and Police Station.....	31 500
Turner Hall Addition.....	-0-
Veterinary Medicine Hospital.....	143 000
<i>Subtotal, 1969-71 Buildings</i> .....	(174 500)
<i>Subtotal, Movable Equipment</i> .....	(1 981 500)
4. Utilities Distribution	
Animal Holding Facility.....	31 500
Distribution Center Addition.....	1 015 000
East Chemistry Second Addition.....	166 000
Faculty Center and Adjacent Areas.....	300 000
Fire and Police Station.....	67 800
Fire and Police Station Alarm.....	56 000
Law Building Addition.....	78 000
Library, Air Conditioning.....	660 000
Turner Hall, Phase II.....	-0-
<i>Subtotal, Utilities Distribution</i> .....	(2 374 300)
5. Planning Funds.....	348 700
6. Remodeling	
Digital Computer Laboratory.....	-0-
Davenport Hall.....	-0-
Civil Engineering Building.....	-0-
Sanitary Engineering Laboratory.....	-0-
Miscellaneous Projects.....	51 000
Coordinated Science Laboratory.....	-0-
Noyes Laboratory.....	161 000
YWCA Elevator and Stairs.....	75 000
Lincoln Hall.....	110 000
Engineering Hall.....	100 000
University High School.....	24 100
Library Rare-Book Stack.....	40 000
1204 West Springfield Avenue.....	25 000
911 West High Street.....	25 000
English Building (Planning).....	20 000
<i>Subtotal, Remodeling</i> .....	(631 100)
7. Protection of Life and Property	
Building Safety Relief Valves.....	500 000
Automatic Sprinkler System (Allerton).....	-0-
Fire and Police Station.....	657 200
Drinking Water System Revision.....	-0-
Automatic Sprinkler System (Hott).....	-0-
Admissions and Records (Security).....	7 200
Exterior Doors (Security).....	15 900
Administrative Data Processing (Security).....	15 000

*Project Categories and Campus Totals*

Contracts Office (Security).....	8 300
Classical Museum (Security).....	15 000
Natural History Museum (Security).....	2 600
Bursar Division (Security).....	28 000
Library Stack (Security).....	95 000
Mathematics Library (Security and Fire Protection).....	16 000
<i>Subtotal, Protection of Life and Property</i> .....	(1 360 200)
8. Site Improvements	
Sanitary Sewer Line.....	-0-
Storm Drainage System.....	-0-
Lighting, Peabody Drive.....	-0-
Campus Perimeter Lighting.....	-0-
Campus Lighting Improvements.....	-0-
Intramural Athletic Fields.....	-0-
<i>Subtotal, Site Improvements</i> .....	(-0-)
<i>Total</i> .....	\$ 7 492 800
Reappropriations.....	\$ -0-

**DEANSHIP OF THE COLLEGE OF ENGINEERING,  
CHICAGO CIRCLE**

(2) The Chancellor at Chicago Circle has recommended to me the appointment of Dr. George Bugliarello, presently Professor of Engineering at Carnegie-Mellon University, as Professor of Biotechnology and Civil Engineering on indefinite tenure and Dean of the College of Engineering at Chicago Circle, beginning September 1, 1969, on a twelve-month service basis, at an annual salary of \$32,000.

The recommendation is based upon a report from a Consultative Committee<sup>1</sup> and following consultation with the Executive Committee of the College.

The appointment of Dr. Bugliarello will fill the vacancy which was created by the resignation of Dean Robert B. Banks in 1966. Professor David Levinson has been Acting Dean of the College.

The Executive Vice President and Provost, and the Vice Chancellor and Dean of Faculties at Chicago Circle endorse this recommendation.

I recommend approval.

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

**DIRECTORSHIP OF THE AGRICULTURAL EXPERIMENT  
STATION, URBANA**

(3) The Dean of the College of Agriculture has recommended to the Chancellor the appointment of Dr. Glenn W. Salisbury, presently Professor of Dairy Science and Head of the Department, as Professor of Dairy Science on indefinite tenure, Associate Dean of the College of Agriculture and Director of the Agricultural Experiment Station, Urbana, beginning June 1, 1969, on a twelve-month service basis, at a salary of \$31,000.

This appointment is to succeed Professor Morell B. Russell who has asked to be relieved of this administrative assignment as of May 31, 1969.

Professor Salisbury's appointment is recommended after consultation with the members of the College Administrative and Faculty Executive Committees. The Executive Vice President and Provost, the Chancellor, and the Dean of the Graduate College concur.

I recommend approval.

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

<sup>1</sup> James P. Hartnett, Professor of Heat Transfer and Head of Department of Energy Engineering, *Chairman*; Thomas Brown, Associate Professor of Chemistry and Director of Computer Center; James Dow, Professor of Bioengineering and Information Engineering, Chicago Circle, and Professor of Medicine at the Medical Center; Richard C. Kohler, Associate Professor of General Engineering in Systems Engineering; Ernest F. Masur, Professor of Engineering Mechanics and Head of Department of Materials Engineering; William Rostoker, Acting Dean of the Graduate College and Professor of Metallurgy in Materials Engineering; Herbert J. Stein, Associate Professor of Electrical Engineering and Acting Head of Department of Information Engineering; Swaminatha Sundaran, Professor and Head of the Department of Physics.

**HEADSHIP OF THE DEPARTMENT OF DANCE, URBANA**

(4) The Dean of the College of Fine and Applied Arts, Urbana, has recommended to the Chancellor the appointment of Miss Janis L. Stockman, presently Associate Professor and Acting Head of the Department of Dance, and Counselor in the Council on Teacher Education, as Associate Professor of Dance and of Secondary and Continuing Education on indefinite tenure, Counselor in the Council on Teacher Education and Head of the Department of Dance, Urbana, beginning September 1, 1969, on an academic-year service basis, at an annual salary of \$12,300.

The nomination of Professor Stockman is supported by the Executive Committee of the College and the faculty of the Department of Dance. The Executive Vice President and Provost, the Chancellor, and the Dean of the Graduate College concur.

I recommend approval.

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

**CHAIRMANSHIP OF THE DEPARTMENT OF PHILOSOPHY,  
URBANA**

(5) The Dean of the College of Liberal Arts and Sciences, Urbana, has recommended to the Chancellor the appointment of Dr. David S. Shwayder, presently Professor of Philosophy, as Professor of Philosophy on indefinite tenure and Chairman of the Department of Philosophy for two years beginning September 1, 1969, on an academic-year service basis, at an annual salary of \$22,500.

This appointment is to succeed Professor B. J. Diggs who has asked to be relieved of this administrative assignment.

This recommendation is submitted upon nomination of the Executive Committee of the Department, and is supported by the Executive Committee of the College of Liberal Arts and Sciences. The Executive Vice President and Provost, the Chancellor, and the Dean of the Graduate College concur.

I recommend approval.

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

**CHANGE IN ORGANIZATION AND APPOINTMENT OF HEAD OF  
DEPARTMENT OF ARCHITECTURE, URBANA**

(6) The members of the Department of Architecture of professorial rank at Urbana have voted to request a change in departmental organization from that of a department with a chairman to that of a department with a head.

The Dean of the College of Fine and Applied Arts recommends that the form of organization requested be approved and that Professor Jack H. Swing, currently Chairman of the Department, be appointed Head of the Department. The Chancellor and the Executive Vice President and Provost concur.

I recommend approval of these changes to become effective September 1, 1969.

On motion of Mr. Hahn, this recommendation and appointment were approved.

**HEADSHIP OF THE DEPARTMENT OF CLASSICS,  
CHICAGO CIRCLE**

(7) The Dean of the College of Liberal Arts and Sciences has recommended to the Chancellor the appointment of Dr. Edwin Burton Levine, presently Professor of Classics, on indefinite tenure, as Head of the Department of Classics beginning June 1, 1969, at an annual salary of \$17,000 divided as follows: \$16,000 as Professor of Classics and \$1,000 as Head of the Department, on an academic-year service basis.

This recommendation is submitted after consultation with all members of the Department and with the approval of the Executive Vice President and Provost and the Chancellor.

I recommend approval.

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

**APPOINTMENTS TO THE FACULTY**

(8) 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; T— Terminal appointment, accompanied with or preceded by notice of non-reappointment; W— one-year appointment subject to special written agreement; 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. THOMAS HAROLD ANDERSON, Assistant Professor and Assistant Project Director, Major Cities Project, in the Administration of Criminal Justice Curriculum, College of Liberal Arts and Sciences, beginning February 16, 1969 (1), at an annual salary of \$14,000.
2. ROBERT N. GRANNICK, Assistant Professor of Mathematics, beginning September 1, 1969 (1), at an annual salary of \$10,000.
3. GEORGE MEGAREFS, Professor of Architecture, beginning September 1, 1969 (A), at an annual salary of \$19,000.
4. RONALD L. MILLER, Assistant Professor of Management, College of Business Administration, beginning September 1, 1969 (1), at an annual salary of \$13,000.
5. NANCY L. NIHAN, Assistant Professor of Systems Engineering and in the Center for Urban Studies, beginning March 16, 1969 (1), at an annual salary of \$11,000.
6. ROBERT E. WEIGAND, Professor of Marketing and Coordinator of Marketing Area, College of Business Administration, beginning September 1, 1969 (A,D), at an annual salary of \$21,000.

### Medical Center

7. JAMES T. BOLAN, Assistant Professor of Pathology, College of Medicine, beginning August 1, 1969 (2Y), at an annual salary of \$18,500.
8. GISLA MENDEL BOOTH, Assistant Professor of Psychology, Department of Psychiatry, College of Medicine, on 20 per cent time, beginning March 10, 1969 (DY20), at an annual salary of \$3,000.
9. JOSEPH DANON, Research Assistant Professor of Medicine, College of Medicine, beginning April 1, 1969 (WY), at an annual salary of \$13,000.
10. M. SUE KERN, Associate Professor of Nursing, College of Nursing, on 10 per cent time, beginning March 1, 1969 (P10), at an annual salary of \$2,000.
11. CATHERINE MARIE MCCARTHY, Associate Professor of Nursing, College of Nursing, beginning March 3, 1969 (AY), at an annual salary of \$14,000.
12. TARAKAD V. RAJKUMAR, Assistant Professor of Biochemistry, Department of Dermatology, College of Medicine, beginning May 1, 1969 (1Y), at an annual salary of \$13,000.

### Urbana-Champaign

13. MURIEL S. BRINK, Assistant Professor of Foods and Nutrition in Home Economics Extension, beginning June 1, 1969 (3Y), at an annual salary of \$11,500.
14. A. G. R. BULLEN, Assistant Professor of Civil Engineering and Research Assistant Professor in the Coordinated Research Laboratory, beginning March 17, 1969 (1), at an annual salary of \$13,500.
15. PETER J. FEIBELMAN, Research Assistant Professor of Physics, for one year from September 1, 1969 (TY), at a salary of \$10,000.
16. BRYANT PAUL FILLION, Assistant Professor of English Education, Department of Secondary and Continuing Education, College of Education, beginning September 1, 1969 (1), at an annual salary of \$10,000.
17. CLARENCE J. KARIER, Professor of History of Education, Department of History and Philosophy of Education, College of Education, beginning September 1, 1969 (Q), at an annual salary of \$18,000.

18. DALE KIMPTON, Head, Extension in Music in the Division of University Extension, and Associate Professor of Music, beginning September 1, 1969 (QY), at an annual salary of \$14,250.
19. HERMAN KRIER, Assistant Professor of Aeronautical and Astronautical Engineering, beginning September 1, 1969 (1), at an annual salary of \$11,000.
20. ALBERT BARRY KUNZ, Research Assistant Professor of Physics and in Materials Research Laboratory, beginning September 1, 1969 (TY), at a salary of \$10,500.
21. BENJAMIN H. MASSEY, Professor of Physical Education for Men, beginning September 1, 1969 (A), at an annual salary of \$20,500.
22. RICHARD B. MORGAN, Assistant Professor of Veterinary Public Health and Assistant to the Dean, College of Veterinary Medicine, beginning May 1, 1969 (1Y,DY), at an annual salary of \$17,500.
23. JAMES W. PHILLIPS, Assistant Professor of Theoretical and Applied Mechanics, beginning September 1, 1969 (1), at an annual salary of \$11,000.
24. EDWARD W. SCHULTZ, Assistant Professor of Special Education, College of Education, beginning September 1, 1969 (1), at an annual salary of \$13,000.
25. BRUCE ARNE SHERWOOD, Assistant Professor of Physics and in the Computer-based Education Research Laboratory, for the period from July 1, 1969, through August 31, 1969 (G), at a salary of \$3,500.
26. JAGDISH N. SHETH, Associate Professor of Business Administration, for the period from July 1, 1969, through August 31, 1969 (G), at a salary of \$3,778, and beginning September 1, 1969 (Q), at an annual salary of \$17,000.
27. WILLIAM F. VAN TASSELL, Assistant Professor of Aeronautical and Astronautical Engineering, beginning September 1, 1969 (1), at an annual salary of \$12,000.

#### Visiting Staff

28. JOEL DAVIS, Visiting Assistant Professor of Computer Science, Graduate College, Urbana, for the academic year 1969-70 (E), at a salary of \$13,000.
29. HANS J. MUNKHOLM, Visiting Assistant Professor of Mathematics, Chicago Circle, for the period from September 16, 1969, through June 15, 1970 (E), at a salary of \$10,000.
30. BILLY DAVE SCOTT, Visiting Assistant Professor of Agronomy, Urbana, for the period from June 1, 1969, through August 31, 1969 (G), at a salary of \$3,000.
31. LORENZO D. TURNER, Visiting Professor of English, on 50 per cent time, Chicago Circle, for the period from December 16, 1968, through June 15, 1969 (E50), at a salary of \$5,634.

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

#### AWARD OF CERTIFIED PUBLIC ACCOUNTANT CERTIFICATES

(9) 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>
JOE JEWEL CRAMER, JR.	Evanston, Illinois	Texas
BRUCE WILLIAM HEATH	Mount Prospect, Illinois	Michigan
GERALD LEE ZAIDMAN	Highland Park, Illinois	Missouri

I concur.

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

#### SABBATICAL LEAVES OF ABSENCE, 1969-70

(10) I recommend that the following members of the staff be given sabbatical leaves of absence during the academic year 1969-70 in accordance with the provisions of the University of Illinois *Statutes* and on the terms and for the periods indicated. This recommendation is supplementary to the applications recommended to the Board of Trustees on March 19, 1969.

**Chicago Circle****College of Liberal Arts and Sciences***Department of Spanish*

VIOLET BERGQUIST, Associate Professor of Spanish, winter quarter 1969-70, full pay.

*Department of Speech and Theatre*

DONALD H. DICKINSON, Professor of Speech, winter quarter 1969-70, full pay.

**Urbana-Champaign****College of Commerce and Business Administration***Department of Business Administration*

DONALD MERLE ROBERTS, Associate Professor of Business Administration, academic year 1969-70, one-half pay; or first semester, full pay; full-year leave contingent upon receipt of supplementary financial aid.

**College of Liberal Arts and Sciences***Department of Political Science*

GEORGE MANNER, Associate Professor of Political Science, second semester 1969-70, full pay.

*Department of Sociology*

ALEXANDER VUCINICH, Professor of Sociology, first semester 1969-70, one-half pay.

**College of Education***Department of Special Education*

ROBERT A. HENDERSON, Professor of Special Education and Chairman of the Department, and Professor in the Institute for Research on Exceptional Children, academic year 1969-70, half pay, or first semester 1969-70, full pay; full-year leave contingent upon receipt of supplementary financial aid.

On motion of Mr. Clement, these leaves were granted as requested.

**HONORARY DEGREES, CHICAGO CIRCLE AND MEDICAL CENTER**

(11) The University Senates at Chicago Circle and at the Medical Center have recommended that honorary degrees be conferred on the following:

*At the Commencement Exercises at Chicago Circle on June 15, 1969*

HELEN HAYES, actress, the Degree of Doctor of Humane Letters

*At the Commencement Exercises at the Medical Center on June 12, 1969*

MAYNARD K. HINE, Chancellor, Indiana University — Purdue University at Indianapolis, the Degree of Doctor of Science

I concur in the recommendations of the Senates.

On motion of Mr. Swain, these degrees were authorized as recommended.

**LOAN FUND(S) FOR NEW STAFF FROM ABROAD, URBANA**

(12) The Chancellor at Urbana has proposed that a Foreign Staff Loan Fund be established from contributions obtained by participating departments from private sources. State funds or student loan funds would not be utilized.

New staff members arriving from foreign countries may be limited by their governments in the amount of money they may bring into the United States. Consequently, some do not have sufficient funds for basic living expenses until the end of the first pay period under their appointment. At present funds are being provided by personal loans from fellow staff members or loans from local banks, procedures that operate unevenly and may be imperfectly understood by new staff from overseas.

The proposed fund will be administered by the loan section of the business office at Urbana. Loans will be restricted to staff at the rank of research associate, instructor, or higher whose native country imposes restrictions with the con-

sequences described above and will require the approval of the head of the participating department. The loans will be interest-free but a service charge will be made to cover University costs.

Initially, this program will apply to the Urbana campus. However, if other campuses of the University wish to establish such funds, the President would expect to approve them.

I recommend that a general authorization be granted to establish this fund and similar funds for the other campuses should it be desirable to establish them.

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

#### **MODIFICATION OF ADMISSION REQUIREMENTS TO THE COLLEGE OF MEDICINE, MEDICAL CENTER**

(13) The Dean of the College of Medicine and the Chancellor at the Medical Center campus recommend discontinuance of the current rule limiting applicants for admission to the College of Medicine to those having at least a 3.5 collegiate grade-point average. The change would become effective for the class to be selected for admission in September, 1970.

On April 8, 1931, the Board of Trustees, on recommendation of the faculty of the College of Medicine, adopted the rule that each applicant to the College of Medicine, whether from the University of Illinois or another institution, must have a grade-point average of at least 3.5, or its equivalent, to be considered for admission.

It is now believed that the rule acts to reduce unduly the freedom of action of the Committee on Admissions as it seeks to accept applicants considered most likely to succeed in the program of medical education. A review of admission requirements for other medical schools indicates that none has established a firm minimum grade-point average, below which consideration can not be given in any circumstance.

Because the meaning of grades varies widely from one undergraduate institution to another, an arbitrary minimum grade-point average may result in unfair treatment to some applicants. (Some potentially-successful applicants are unable even to complete an application for review by the Committee on Admissions.) The Office of Admissions and Records has indicated that the additional work involved in processing applications for students with grade-point averages below 3.5 would not be a substantial problem.

Discontinuance of the rule will not reduce the quality of the applicants accepted, but will make it possible for the Committee on Admissions to accept an applicant with excellent potential who had, for justifiable reasons, a grade-point average below the current minimum.

The Medical Center Senate has endorsed the proposal. The Senate Coordinating Council has advised that no further Senate jurisdiction is involved.

The Executive Vice President and Provost concurs in the recommendation.

I recommend approval.

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

#### **AMENDMENTS OF THE BY-LAWS OF THE ATHLETIC ASSOCIATION**

(14) The Board of Directors of the Athletic Association has approved changes in the By-Laws of the Athletic Association. The changes provide for an increase in the membership of the Board from seven to nine members, and for revisions relating to: selection of officers and committees of the Board, replacement of Board members, and times of Board meetings. A copy of the revisions is being filed with the Secretary of the Board.

I recommend approval of these amendments in accordance with Article VIII of the By-Laws of the Athletic Association which states that "any such amendment shall, after adoption by the Board, be submitted to the Trustees for its consideration before the same shall take effect."

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

#### **FOREIGN LANGUAGES BUILDING, URBANA**

(15) The Dean of the College of Liberal Arts and Sciences, Urbana, has recommended that the new building under construction which will house the foreign

languages departments be officially named "Foreign Languages Building." The Chancellor has approved this recommendation.

I concur.

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

#### **APPROPRIATIONS FOR NONRECURRING EXPENDITURES**

##### **Urbana-Champaign**

(16) The Chancellor recommends the following appropriations from the Urbana-Champaign General Reserve:

Renovation and remodeling for which funds are assigned to the Department of Plant and Services:

Air conditioning and relighting in Altgeld Hall for the Department of Mathematics .....	\$23 724
Remodeling in Harker Hall for the Department of Physiology.....	33 901
<i>Total, Urbana-Champaign General Reserve.....</i>	<i>\$57 625</i>

##### **Medical Center**

After review by the Medical Center Committee on Nonrecurring Appropriations, the Chancellor recommends the following appropriations from the Medical Center General Reserve:

Admissions and Records, equipment.....	\$22 500
Physical Plant Department, supplemental funds required to air condition Patient Care Areas of the Research and Educational Hospitals.....	22 000
<i>Total, Medical Center General Reserve.....</i>	<i>\$44 500</i>

The Executive Vice President and Provost and the Vice President and Comptroller concur.

I recommend approval.

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

#### **CONTRACT FOR ELECTRICAL DISTRIBUTION SYSTEM TO PHYSICAL EDUCATION BUILDING, CHICAGO CIRCLE**

(17) The President of the University, with the concurrence of the appropriate administrative officers, recommends the award, subject to the availability of reappropriated funds, of a contract in the amount of \$48,960 to Tri-City Electric Company, Chicago, the low bidder, for the furnishing and installation of the electrical distribution system to the Physical Education Building at the Chicago Circle campus.

Funds for this project are available in state capital appropriations to the University for 1967-69 and have been released by the Governor. The contract will provide for termination in the event funds for this project are not reappropriated.

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

#### **CONTRACTS FOR INSTALLATION OF AIR-CONDITIONING SYSTEM FOR HOSPITAL BUILDINGS, MEDICAL CENTER**

(18) The President of the University, with the concurrence of appropriate administrative officers, recommends award of the following contracts for the installation of an air-conditioning system in the patient care areas of the hospital buildings at the Medical Center campus, the award for heating, refrigeration, and temperature control work being based on the low base bid, plus the assignment to this contractor of a contract previously awarded by the Board of Trustees on April 9, 1969, to



Illinois Heating & Ventilating Company, Chicago, for the purchase of fan coil units in the amount of \$34,356; and the award for plumbing work and electrical work being based in each case on the low base bid received:

Heating, Refrigeration, and Temperature Control — Delta Piping Company, Chicago	
Base bid.....	\$258 000
Assignment of contract with Illinois Heating & Ventilating Company, Chicago.....	34 356
<i>Total Firm Price for this Division.....</i>	<i>\$292 356</i>
Plumbing — Peter H. Smith Co., Chicago.....	4 860
Electrical — Divane Bros. Electric Co., Chicago.....	22 400
<i>Total.....</i>	<i>\$319 616</i>

Funds are available for this project from funds previously assigned by the Board of Trustees on February 19, 1969, and April 9, 1969, from the Medical Center General Reserve, and are being requested at this meeting of the Board.

Submitted herewith is a report of the Physical Plant Department, including a tabulation of the bids received, a copy of which is being filed with the Secretary of the Board for record.

Mr. Hughes indicated that representatives and spokesmen of the Illinois Heating & Ventilating Company were present and wished to be heard in objection to the recommendation and the procedures related to it. (Communications from the Company and its attorneys had been received earlier and were provided the Trustees in advance of the meeting. Copies are filed with the Secretary for record.)

On motion of Mr. Clement, the Trustees granted approval to speak to Mr. Herbert B. Nechin of the firm of Brown, Fox & Blumberg, attorneys for the Illinois Heating & Ventilating Company. Mr. Nechin reviewed and summarized the comments in his communication sent earlier to the Trustees. Also present was Mr. Gerald A. Kelly, president of the company. Following these comments, the Board heard a report on the matter from Mr. C. S. Havens, University Director of Physical Plant Planning and Construction, and comment from the University Counsel.

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

#### CONTRACTS FOR REMODELING IN SECOND UNIT DENTISTRY-MEDICINE-PHARMACY BUILDING, MEDICAL CENTER

(19) The President of the University, with the concurrence of the appropriate administrative officers, recommends the award of the following contracts for remodeling in the Second Unit Dentistry-Medicine-Pharmacy Building at the Medical Center campus for the College of Dentistry; the award in each case being to the low base bidder:

General — Simpson Construction Co., Chicago.....	\$10 323
Plumbing — Ashland Plumbing & Heating Company, Chicago.....	4 975
Ventilation — Narowetz Heating and Ventilating Company, Melrose Park	4 768
Heating, Process Piping, and Temperature Control — F. E. Moran, Inc., Chicago.....	4 440
Electrical — Hyre Electric Company, Chicago.....	5 959
Laboratory Equipment — Kewaunee Scientific Equipment Corporation, Evanston .....	11 371
<i>Total.....</i>	<i>\$41 836</i>

It is further recommended that all contracts other than the contract for general work be assigned to the general contractor, making the total contract price \$41,836 and that an agreement be entered into with the Simpson Construction Co. for assignment of the other contracts. The amount bid by Simpson Construction Co. for the supervision of the other contracts assigned to the General Contractor is included in the base bid for general work.

Funds for this work are available in state capital appropriations to the University for 1967-69 and have been released by the Governor, and from funds previously assigned to the project by the Board of Trustees on June 19, 1968.

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

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

**CONTRACT FOR CONSTRUCTION OF UNDERGROUND PIPING  
FOR CHILLED WATER TO ILLINOIS STREET  
RESIDENCE HALLS, URBANA**

(20) The President of the University, with the concurrence of appropriate administrative officers, recommends award of a contract in the amount of \$14,830 to The Nu-Way Contracting Corp., Chicago, the low bidder, for construction of underground piping for chilled water to Illinois Street Residence Halls at the Urbana-Champaign campus.

Funds for this work are available from the proceeds of the sale of revenue bonds.

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

**CONTRACTS FOR CONSTRUCTION OF ORCHARD DOWNS  
COMMUNITY BUILDING, URBANA**

(21) The President of the University, with the concurrence of appropriate administrative officers, recommends award of the following contracts for construction of the Orchard Downs Community Building at the Urbana-Champaign campus, subject to approval of this project "as a non-instructional facility" by the State Board of Higher Education. The award recommended for the general work—on the base bid and additive alternate G-1—and the awards recommended for the other divisions of work are to the low bidders.

General—Barber & DeAtley, Inc., Urbana

Base Bid.....	\$69 572	
Additive Alternate G-1.....	737	
<i>Subtotal</i> .....		\$70 309
Plumbing—David W. Reichard Plumbing & Heating Co., Inc., Urbana	12 245	
Heating and Air Conditioning—Grimstad's Heating and Air Conditioning, Decatur.....	5 500	
Electrical—Neal Morton Electric, Champaign.....	8 078	
<i>Total</i> .....		\$96 132

Funds for this work are available from the proceeds of a previous sale of revenue bonds.

The plans and specifications comply with the requirements of the Facilities for the Handicapped Act.

Submitted herewith is a report from the Department of Plant and Services, including a schedule of the bids received, a copy of which is being filed with the Secretary of the Board for record.

On motion of Mr. Swain, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr.

Hughes, Mr. Pogue, Mr. Steger, Mr. Swain; no, none; absent, Mr. Jones, Governor Ogilvie, Mr. Page, Dr. Weatherly.

**EMPLOYMENT OF ENGINEERS FOR IMPROVEMENTS  
AT ABBOTT POWER PLANT, URBANA**

(22) The Seventy-sixth General Assembly is being requested to declare in the public interest the construction of improvements at Abbott Power Plant, Urbana-Champaign campus, to provide additional boiler capacity to serve new buildings and to increase smoke stack efficiency. This work must be scheduled during the low steam consumption periods during 1970 and 1971. In order that construction contracts may be executed and the needed materials delivered prior to the date for start of construction, it is necessary to proceed with advance engineering at this time.

Accordingly, the President of the University, with the concurrence of appropriate administrative officers, recommends the employment of Sargent & Lundy, Chicago, for engineering work as now required for this project at a fee based on engineering and drafting time at actual hourly rates plus 50 per cent, plus agreed-upon reimbursable expenses, but at a total cost not to exceed \$10,000, unless additional expenditures are authorized by the University. The contract will provide that, in addition, and upon authorization being given for performance of the remaining engineering work, the fee will include field supervision at actual salary plus 35 per cent, plus a fixed fee charge of 2 per cent of the actual construction cost of the project.

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

Funds in the amount of \$10,000 are available in state capital appropriations to the University for 1967-69 and have been released by the Governor.

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

**EMPLOYMENT OF ENGINEERS FOR IMPROVEMENTS AND  
EXTENSION OF UTILITIES FOR THE 1969-71  
CAPITAL PROGRAM, URBANA**

(23) The 1969-71 Capital Program contemplates improvements and extensions of the steam and electrical distribution systems at the Urbana-Champaign campus.

The engineering design requirements for the building safety relief valves portion of these improvements is complex and time-consuming; engineering design work should be started now in order for construction to proceed during the non-heating season of 1970.

Accordingly, the President of the University, with the concurrence of appropriate administrative officers, recommends the employment of Sargent & Lundy, Chicago, for engineering services required at this time at a fee based upon engineering and drafting time at actual hourly rates plus 50 per cent, plus agreed upon reimbursable expenses, but at a cost not to exceed \$10,000. It is further recommended that, subject to an appropriation being made by the Seventy-sixth General Assembly for the detailed engineering work and the release of such capital funds by the Governor, Sargent & Lundy be authorized to proceed upon the same payment basis for the detailed engineering work required to complete the engineering services on this project. The contract will provide that in addition to payment upon this basis and upon such appropriation and release by the Governor, the engineers shall be paid for field supervision at actual salary plus 35 per cent, plus a fixed fee charge of 2 per cent of the actual construction cost of the project.

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

Funds for the \$10,000 authorization are available in the current operating budget of the Department of Plant and Services, Urbana. An appropriation for detailed engineering work is being requested from the Seventy-sixth General Assembly as part of the 1969-71 Capital Program.

On motion of Mr. Swain, these recommendations were approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr.

Hughes, Mr. Pogue, Mr. Steger, Mr. Swain; no, none; absent, Mr. Jones, Governor Ogilvie, Mr. Page, Dr. Weatherly.

#### HOUSING SURVEY, URBANA

(24) At the meeting of April 9, 1969, the Board of Trustees referred to the Committee on General Policy the subject: the impact of University policies on housing beyond the campus at Urbana-Champaign.

At the same time, the President of the University indicated that appropriate study of the question and its implications would be undertaken.

Accordingly, the President, with the concurrence of appropriate administrative officers, recommends the employment of Real Estate Research Corporation, Chicago, to make a study and report of the effect of the growth of the Urbana-Champaign campus on the rental housing market for family dwelling units in Urbana and Champaign, and on the current availability of rental housing for married students and families in the two communities. The fee for this survey and report is estimated at approximately \$17,000, plus reimbursable expenses authorized by the University.

Funds are available in the Housing Division Reserves.

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

#### AGREEMENT FOR LIGHTING IMPROVEMENTS AND CONVEYANCE OF LAND TO CITY OF CHAMPAIGN

(25) The city of Champaign is planning improvements for Gregory Drive from Fourth Street to Oak Street and plans to finance this work by creating a local improvement district through which all the costs are to be assessed to abutting owners based on property frontage. This project will be of benefit to University property and will better insure the safety and security of students living in University residence halls.

The University owns four strips of land on the north side and running parallel to the right-of-way of Gregory Drive; these vary in width from approximately .02 feet to 3.61 feet. The city of Champaign has agreed to accept title to these strips for street right-of-way purposes as part of the University's contribution to the proposed improvement. It is estimated that the University's remaining share of the cost will be approximately \$25,000, based on the estimated total cost of \$32,500.

Accordingly, the President of the University, with the concurrence of appropriate administrative officers, recommends that the Board authorize the Comptroller and Secretary to execute an agreement with the city of Champaign to share in the costs of the lighting improvements as outlined above at an estimated cost to the University of \$25,000 and that the Board adopt the following resolution authorizing the conveyance of the strips of land as outlined above.

Funds are available in state capital appropriations to the University for 1967-69 and have been released by the Governor.

#### Resolution Authorizing Conveyance of Land Abutting Gregory Drive To City of Champaign

*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, hereinafter referred to as "University" that the Comptroller and Secretary of this University be, and they hereby are, authorized and directed, to execute, acknowledge, and deliver, in the name, and in behalf of University, and under its corporate seal, a Quit Claim Deed and such other documents in connection therewith as said Comptroller and Secretary may deem necessary or desirable in order to convey to the City of Champaign, a municipal corporation, hereinafter referred to as "Grantee" to be used for street purposes all right, title and interest that University now has in or to the following-described property, viz:

Situated in the State of Illinois, the County of Champaign, the City of Champaign, in the SW  $\frac{1}{4}$  of Section 18, Township 19 North, Range 9 East of the Third Principal Meridian and being a part of Lot 135 of College Place Addition and being more fully bounded and described as follows:

The north 0.09 feet of the south 8.88 feet of said Lot 135; said parcel containing 10.44 square feet, more or less; and

Situated in the State of Illinois, the County of Champaign, the City of Champaign, in the SW  $\frac{1}{4}$  of Section 18, Township 19 North, Range 9 East of the Third Principal Meridian and being a part of Lot 121 of College Place Addition and being more fully bounded and described as follows:

The north 3.61 feet of the south 41.40 feet of said Lot 121; said parcel containing 411.54 square feet, more or less; and

Situated in the State of Illinois, the County of Champaign, the City of Champaign, in the SW  $\frac{1}{4}$  of Section 18, Township 19 North, Range 9 East of the Third Principal Meridian and being a part of Lot 80 of College Place Addition and being more fully bounded and described as follows:

The south 0.02 feet of the north 16.22 feet of said Lot 80; said parcel containing 2.28 square feet, more or less; and

Situated in the State of Illinois, the County of Champaign, the City of Champaign, in the SW  $\frac{1}{4}$  of Section 18, Township 19 North, Range 9 East of the Third Principal Meridian and being a part of Lot 93 of College Place Addition and being more fully bounded and described as follows:

The south 0.12 feet of the north 16.22 feet of said Lot 93; said parcel containing 13.68 square feet, more or less.

Said conveyance shall be made subject to the express condition that in case the Grantee, its successor, or assigns shall, at any time, abandon or cease to use said land for street or highway purposes, said land shall thereupon revert to University, its successor or assigns.

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

#### **AGREEMENT WITH COMMONWEALTH EDISON COMPANY FOR ELECTRICAL SERVICE TO THE RACINE AVENUE BUILDING, CHICAGO CIRCLE**

(26) The President of the University, with the concurrence of appropriate administrative officers, recommends that the Board authorize its Comptroller and Secretary to execute an agreement with Commonwealth Edison Company, Chicago, for the installation of a new transformer and related equipment to serve the Racine Avenue Building, Chicago Circle campus, at a total cost of \$7,547.

Funds are available in state capital appropriations to the University for 1967-69 and have been released by the Governor.

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

#### **POLICY CONCERNING DIVISION OF ROYALTIES FROM SALE OF VIDEO TAPES, OTHER INSTRUCTIONAL MATERIALS**

(27) For several months, the University Committee on Copyrights and Recordings has been considering the formulation of a general policy concerning the division of royalties earned from the sale of video tapes and other instructional materials developed under University auspices and with University support. The outcome of these discussions has been the following recommendation from the Committee as a policy to be used in apportioning income from royalties or sales between author(s) and the University:

"An initial amount up to \$5,000 may be earned by the author(s) from net income. Any amount earned in excess of \$5,000 shall be divided 50 per cent to the University and 50 per cent to the author(s); provided that the University's direct costs, above those incurred in the development of the commissioned work for the University's own use as determined by the administrator responsible, are deducted before any earnings are passed on to the author(s)."

The Committee recommends that these principles be applied both to income resulting from "commissioned" work (i.e., projects undertaken by University staff members as official assignments of duty) and also to income resulting from substantial use of University facilities (even though the project might not have been undertaken as an official assignment or "commission").

The Executive Vice President and Provost recommends approval of this proposal.

I concur.

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

#### PURCHASES

(28) The President submitted, with his concurrence, a list of purchases recommended by the Directors of Purchases and the Vice President and Comptroller. The list included a report of purchases authorized by the President since the last meeting of the Board.

The lists of purchases authorized and purchases recommended 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*

Purchases Authorized.....	\$ 148 861 69
Purchases Recommended.....	1 889 938 56
<i>Total</i> .....	<u>\$2 038 800 25</u>

##### *From Institutional Funds*

Purchases Authorized.....	\$ 8 375 00
Purchases Recommended.....	860 261 66
<i>Total</i> .....	<u>\$ 868 636 66</u>
<i>Grand Total</i> .....	<u>\$2 907 436 91</u>

A complete list of the purchases authorized and 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. Clement, the purchases authorized by the President were approved, and the purchases recommended were authorized.

#### COMPTROLLER'S REPORT OF PURCHASES

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

This report was received for record.

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

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

##### Medical Center

##### *Change Orders*

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>
Fries Walters Company	Cost-plus contract — electrical work: General hospital	\$ 5 059
	Hospital addition	9 000
Simpson Construction Company	Cost-plus contract — minor remodeling and new construction: Betatron remodeling	6 700
<i>Total, Medical Center</i>		<u>\$ 20 759</u>

**Urbana-Champaign***New Contracts*

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
United States Air Force: F29601-69-C-0071	Silicate treatment to inhibit corrosion of hot, potable water systems	\$ 39 976
F 33615-69-C-1334	Investigation of thin platelet semiconductor lasers and electron-hole-lattice interactions in semiconductor lasers	29 911
United States Department of Health, Education, and Welfare OEC-0-9-000003-2495(013)	CIC cooperative summer institute in slavic languages and area studies	25 397
United States Department of Labor:		
Bureau of Labor Statistics BLS-69-1	Effectiveness of various forms and procedures for collecting expenditure data from consumers	61 330
Manpower Administration 81-15-69-07	Development of a model university human resources program	14 990
United States Department of Transportation, Federal Railroad Administration DOT-FR-9-0033	Highway-railroad grade crossing safety	6 000
United States Navy N-00019-69-C-0289	Factors controlling strength of composite structures	39 940
<i>Total</i>		<u>\$ 217 544</u>

*Change Orders*

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
National Aeronautics and Space Administration NGL-14-005-074	Studies on auditory and vestibular end organs and brain stem nuclei	\$ 155 000
Union Carbide Corporation, Nuclear Division	Prestressed concrete pressure vessels for nuclear reactors	31 325
United States Air Force AF 30(602)-4144	Experimentation in parallel computation	2 000 000
United States Army:		
DA-49-193-MD-2909	Determination of free bromine in water	13 123
DADA-17-67-C-7062	Disinfection of small quantities of drinking water	8 250
United States Atomic Energy Commission:		
AT(11-1)-890	Investigate the mechanism of radiation induced addition of tritium to carbon-carbon double bonds	18 029
AT(11-1)-1199	Studies of rainout of radioactivity in Illinois	76 000
United States Navy: N-00014-67-A-0305-0011	Solid state and surface state electronics of semiconductors as related to devices such as transistors and photo-detectors	5 000
Nonr-1834(36)	Factors in group interaction	220 130
<i>Total</i>		<u>\$2 526 857</u>

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>
Barber and DeAtley, Inc.	Cost-plus contract — general work: Agronomy Seed House Electrical Engineering Research Laboratory Engineering Hall Foreign Languages Building 1107 W. Green Street, Urbana	\$ 12 000 9 300 6 000 5 000 12 000
Cool-Rite Mechanical Contractors, Inc.	Cost-plus contract — minor remodeling and new construction: Engineering Research Laboratory	6 325
<i>Total</i>		<u>\$ 50 625</u>
<i>Total, Urbana-Champaign</i>		<u>\$2 795 026</u>

**Summary**

Amount to be paid to the University:	
Urbana-Champaign .....	\$2 744 401

Amount to be paid by the University:

Medical Center.....	20 759
Urbana-Champaign.....	50 625
<i>Total</i> .....	<u>\$ 71 384</u>

This report was received for record.

### INVESTMENT REPORT For the Month of March, 1969

#### Report of the Finance Committee

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

##### *Pool*

##### *Sales:*

\$14 000 U.S. Treasury 4 per cent bonds due 8/15/73.....	\$ 12 788 13
13 shares Kansas City Power and Light 4 per cent Cm. preferred stock.....	778 55
80/100 shares Shulton common stock.....	35 20
25 shares United Fruit Company common stock.....	1 296 88

##### *Purchases:*

\$74 000 Associates Investment Company demand notes.....	74 000 00
8 000 Commercial Credit Company demand notes.....	8 000 00

##### *Yarros*

##### *Sales:*

100 shares Borg Warner common stock.....	3 251 99
54 shares Kimberly Clark common stock.....	4 117 50
66 shares Phillips Petroleum common stock.....	4 509 45
40 shares Union Carbide common stock.....	1 786 86

#### Report of the Comptroller

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

##### *Current Funds*

##### *Current Funds (Chicago Circle)*

##### *Purchases:*

\$312 000 Ford Motor Company notes due 4/10/69.....	\$312 000 00
460 000 International Harvester notes due 4/10/69.....	460 000 00
58 000 Ford Motor Company notes due 9/30/69.....	58 000 00

##### *Medical Service Plan (Medical Center)*

##### *Purchase:*

\$40 000 Federal National Mortgage Association notes due 6/10/69...	40 010 00
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##### *Restricted Group*

##### *Purchases:*

\$ 872 000 Continental Illinois National Bank bk.acc. due 5/29/69....	858 266 00
500 000 Central Trust of Cincinnati bk.acc. due 6/27/69, endorsed by Continental Illinois National Bank.....	489 694 45
500 000 Marine National Bank of Milwaukee bk.acc. due 6/27/69, endorsed by Continental Illinois National Bank.....	489 694 44
500 000 Genesco notes due 7/17/69.....	488 236 11
1 000 000 B-W Acceptance Corp. notes due 8/4/69.....	972 812 50
500 000 Export-Import Banks notes due 8/4/69.....	486 562 50
1 000 000 Clark Equipment Credit notes due 8/18/69.....	970 187 50
500 000 Bell and Howell notes due 9/4/69.....	484 152 78
500 000 Motorola notes due 9/4/69.....	484 152 78
500 000 Atlantic Richfield notes due 9/5/69.....	484 913 19
500 000 Atlantic Richfield notes due 10/17/69.....	480 902 78



*Trust Benefit Fund*

Purchase:

\$114 000 U.S. Treasury bills due 2/28/70..... 107 091 79

*Zerbee Scholarship*

Purchase:

\$15 000 U.S. Treasury bills due 2/28/70..... 14 145 83

*Art Objects**Construction Funds*

Purchase:

\$12 000 U.S. Treasury bills due 6/26/69..... 11 818 60

*Krannert Contributions*

Purchase:

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

*Orchard Apartments*

Sale:

\$25 000 U.S. Treasury bills due 7/24/69..... 24 376 91

*Assembly Hall**Sinking Funds*

Sale:

\$15 000 U.S. Treasury bills due 7/31/69..... 14 677 35

*Men's Residence Halls of 1957*

Sale:

\$ 1 000 U.S. Treasury bills due 3/24/69..... 995 26

Purchase:

\$30 000 U.S. Treasury bills due 3/24/69..... 29 916 67

*Revenue Bonds of 1952*

Sales:

\$281 500 U.S. Treasury 2½ per cent bonds due 3/15/70..... 272 131 33

14 000 U.S. Treasury 3¾ per cent bonds due 11/15/74..... 12 467 50

*Union (Chicago Circle)*

Purchase:

\$312 000 U.S. Treasury bills due 6/19/69..... 307 252 23

This report was received for record.

**REPORT OF FINANCE COMMITTEE ON TREASURER'S BOND**

(32) The Finance Committee reports that it has received from Robert R. Manchester, Treasurer of the University, a bond in the amount of \$6,000,000 with the Continental Casualty Company as Surety.

The bond has been approved by the University Counsel of the University and by the Vice President and Comptroller. The Finance Committee has accepted the bond and reports its receipt for record.

This report was received for record.

**REPORT ON REVISED ESTIMATES OF FINANCIAL AID FUNDS, ANTICIPATED AND NEEDED, FOR 1969-70 (ALL CAMPUSES)**

(33) The Trustees received some weeks ago a report of estimates of the University's need for financial aid funds for undergraduate students for next year, prepared by the directors of financial aid at each of the campuses and coordinated by the Director of University School and College Relations, Dr. E. E. Oliver. At the request of the Executive Vice President and Provost, the estimates have been reviewed to reflect refinements of categories and to take into account notifications, recently received, of federal allocations for 1969-70.

Director Oliver reports that discrepancies between funds anticipated and funds needed are greater than in the earlier estimates, primarily because of reductions in federal funds—as well as because of a shortage of state-guaranteed loan funds greater than previously estimated.

As indicated in the revised report, the anticipated deficits in funds available compared with need are as follows:

Chicago Circle.....	\$1 087 198
Medical Center.....	710 260
Urbana.....	2 353 787
<i>Total</i> .....	<i>\$4 151 245</i>

I present this revised report to provide a current appraisal of a serious financial problem for the coming year.

This report was received for record.

#### **CRITERIA FOR AWARD OF TUITION WAIVERS IN THE COLLEGE OF LAW**

(34) Since 1906, by authorization of the Board of Trustees, the College of Law has awarded a number of tuition waivers to students on the basis of scholarship. At present six such awards are made annually.

In line with a national trend in university policy toward relating aid more closely to financial need, the Chancellor at the Urbana campus, at the request of the Dean of the College of Law, proposes that the College be authorized to grant the existing six tuition waivers on the basis of financial need as well as scholarship.

The Executive Vice President and Provost supports this proposal.

I recommend approval.

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

#### **ASSIGNMENT OF CONSTRUCTION CONTRACT FOR REMODELING IN THE COLLEGE OF PHARMACY BUILDING, MEDICAL CENTER**

(35) On March 19, 1969, the Board of Trustees awarded a contract for ventilation work in connection with remodeling in the College of Pharmacy Building (East Dentistry-Medicine-Pharmacy Building) at the Medical Center campus to the low base bidder, H. S. Kaiser Company, Elk Grove, in the amount of \$11,500 and authorized the assignment of this contract to the general contractor, Mutual Contracting Company, Chicago.

Subsequently, the H. S. Kaiser Company made an assignment for the benefit of creditors and ceased operations before commencing the work and before it had secured and furnished to the University the required performance and payment bond.

The Assignee for the benefit of creditors has requested that the University consent to the assignment of the contract with the H. S. Kaiser Company to the E. B. Rovin Co., Chicago. The E. B. Rovin Co. is willing to accept the assignment of this contract at the same amount and upon the same terms and conditions as the original contract awarded to H. S. Kaiser Company. The E. B. Rovin Co. has not previously done work for the University, but an investigation of this firm indicates that they should be able to satisfactorily perform this work. Mutual Contracting Company, the general contractor, has agreed to the assignment of the contract for ventilation work from the H. S. Kaiser Company to E. B. Rovin Co.

Accordingly, the President of the University, with the concurrence of appropriate administrative officers, recommends that the request of the Assignee for the benefit of creditors be granted and this assignment be consented to.

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

#### **CHANGES IN DIGITAL COMPUTER EQUIPMENT DEPARTMENT OF COMPUTER SCIENCE, URBANA**

(36) The service computer systems, operated by the Department of Computer Science for scientific research and instruction, are currently leased from International Business Machines Corporation. Operational programs are oriented to the IBM 360 systems.

A number of equipment changes are proposed for existing computer systems within the Department of Computer Science due to the continued technological improvements in both hardware and software.

This program of additions and deletions of leased equipment will result in a net increase in the lease rate of \$7,056.85 per month, or a net annual increase of \$84,682.20.

An interim, approximately six months, lease of additional core capacity of the IBM System 360 Model 50 is required to meet the immediate need of the Department of Computer Science until the reconfiguration of the Model 75 is completed. The interim lease cost is \$4,845.75 per month.

Institutional funds are available for the modifications and the interim lease in the Department of Computer Science.

The Chancellor and the Vice President and Comptroller recommend approval of these changes.

I concur.

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

**REPORT AND RECOMMENDATIONS OF THE UNIVERSITY COMMITTEE  
ON ALLERTON PARK CONCERNING THE POSITION OF THE  
UNIVERSITY OF ILLINOIS ON OAKLEY RESERVOIR  
AND ALLERTON PARK**

(37) The following report was presented for the action of the Trustees.

This is in response to the report, *Study of Alternatives for the Oakley Reservoir and Channel Improvement*, dated March 15, 1969, prepared by the Chicago District, Corps of Engineers, Department of the Army.

The University is grateful for the opportunity to review the alternative proposals presented to the State of Illinois and to the University of Illinois.

*Recommendations:*

The University recommends that a policy of *staged development* be adopted for water resource development in the upper Sangamon River Valley.

The University finds that alternatives 7, 9, and 13 from the report result in a conservation pool of 621 feet MSL.

Alternative No. 7: Oakley Reservoir interim use of sedimentation storage for water supply plus Oakley Reservoir at 621 feet joint-use pool.

Alternative No. 9: Advanced Waste Treatment—97 per cent BOD reduction plus ground water supply plus Oakley Reservoir at 621 feet joint-use pool.

Alternative No. 13: Partial Advanced Waste Treatment—94 per cent BOD reduction plus Friend's Creek subimpoundment plus Oakley Reservoir at 620 feet joint-use pool.

In view of the fact that there are these alternatives, and there may be others, the University could only support an alternative, or combination of alternatives, which keeps the conservation pool at approximately 621 feet MSL.

It is essential that management and operational plans include provisions for regulating release rates and channel clearance below Oakley Dam so that the natural and seasonal flooding conditions will be maintained. (Flood stages in Oakley Reservoir with a joint-use pool of 621 feet MSL should not be allowed to persist above the 627 foot elevation for longer than fourteen days in the winter—October through March—nor longer than seven days during the summer—April through September.)

In the course of general discussion, the President of the University summarized the role of the Trustees on this question. He noted that the University had been concerned throughout a long period of time to obtain the most favorable position on what has been a question of broad public policy as well as a matter of direct University interest. The Trustees and administration had sought to work effectively, if quietly, to secure scientific and engineering data and to make use of the University study committee and professional consultants. He expressed his pleasure in the professional resolution of the question.

On motion of Mr. Hahn, the Board approved the report and recommendations of the Committee on Allerton Park by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Pogue, Mr. Steger, Mr. Swain; no, none; absent, Mr. Jones, Governor Ogilvie, Mr. Page, Dr. Weatherly.

#### SECRETARY'S REPORT

The Secretary presented for record appointments to the faculty made by the President; declinations and resignations; leaves of absence; and retirements. A copy of the report is filed with the Secretary.

#### ANNOUNCEMENTS FROM THE PRESIDENT OF THE BOARD

##### **APPOINTMENT TO THE STATE UNIVERSITIES RETIREMENT SYSTEM**

President Hughes announced that he had appointed Mr. Timothy W. Swain as a University of Illinois representative on the Board of Trustees of the State Universities Retirement System, succeeding Mr. Kenney E. Williamson.

#### FUTURE BOARD MEETINGS

The President called attention to the schedule of the next three meetings of the Board: June 18, 1969, at the Medical Center; July 16, 1969, or possibly July 23, 1969, in Urbana; and September 17, 1969 in Urbana.

#### EXECUTIVE SESSION

President Hughes announced that an executive session had been requested and was being ordered for consideration of reports and recommendations relating to property acquisitions and pending litigation.

On motion of Mr. Clement the Board recessed for five minutes.

When the Board reconvened, the following reports and recommendations from the President of the University were presented and considered.

#### **ACQUISITION OF FEDERAL SURPLUS PROPERTY**

(38) The federal government has declared surplus a five-acre tract of ground about three and one-half miles southwest of Chanute Air Force Base, Rantoul, Illinois, which is improved with a one-story brick building. Under the provisions of the Federal Property and Administrative Services Act of 1949, as amended, the property may be transferred to educational or public health institutions at discounts ranging from 40 per cent to 100 per cent. This transfer will be made at 100 per cent discount to the University.

The Department of Electrical Engineering has examined the property and has indicated a need for this additional land for their present research facilities in the fields of radio direction findings and ionospheric research using signals from earth satellites.

In 1965 the University acquired from the federal government a thirty-five-acre tract of land adjacent to this five-acre parcel. The entire forty acres will allow for the expansion of the electrical engineering research projects at that site.

It is recommended that the Board of Trustees adopt the following resolution which is required for the filing of an application for transfer of the property to the University.

#### **Resolution**

##### *On-Site*

WHEREAS, certain real property owned by the United States; located in the County of Champaign, State of Illinois, Rantoul Township (D-Ill-576), has been declared surplus and is subject to assignment for disposal for educational or

public health purposes by the Secretary of Health, Education, and Welfare, under the provisions of Section 203 (k)(1) of the Federal Property and Administrative Services Act of 1949 (63 Stat. 377), as amended, and rules and regulations promulgated pursuant thereto, more particularly described as follows:

The South (S) Four Hundred Thirty-five and Six-tenths (435.6) feet of the East (E) Five Hundred (500) feet of the Southeast Quarter (SE  $\frac{1}{4}$ ) of the Southeast Quarter (SE  $\frac{1}{4}$ ), of Section Twenty (20), Township Twenty-one North, (T-21-N), Range Nine East (R-9-E) of the Third Principal Meridian (3rd P.M.) situated in the County of Champaign, and State of Illinois, including all improvements thereon and subject to existing easements; and

WHEREAS, The Board of Trustees of the University of Illinois, needs and can utilize said property for educational research purposes in accordance with the requirements of said Act and the rules and regulations promulgated thereunder;

*Now, Therefore, Be It Resolved*, that The Board of Trustees of the University of Illinois shall make application to the Secretary of Health, Education, and Welfare for and secure the transfer to it of the above-mentioned property for said use upon and subject to such exceptions, reservations, terms, covenants, agreements, conditions, and restrictions as the Secretary of Health, Education, and Welfare, or his authorized representative, may require in connection with the disposal of said property under said Act and the rules and regulations issued pursuant thereto; and

*Be It Further Resolved* that The Board of Trustees of the University of Illinois, has legal authority, is willing and is in a position to assume immediate care and maintenance of the property, and that H. O. Farber, Comptroller, be and he hereby is authorized, for and on behalf of The Board of Trustees of the University of Illinois, to do and perform any and all acts and things which may be necessary to carry out the foregoing resolution, including the preparing, making, and filing of plans, applications, reports, and other documents, the execution, acceptance, delivery, and recordation of agreements, deeds, and other instruments pertaining to the transfer of said property, and the payment of any and all sums necessary on account of the purchase price thereof or on account of fees or costs incurred in connection with the transfer of said property for surveys, title searches, appraisals, recordation of instruments, or escrow costs.

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

#### **PURCHASE OF MONTICELLO ROAD FIELD STATION SITE**

(39) The University has been leasing two tracts of land, known as the Monticello Road Field Station, for use by the Department of Electrical Engineering at Urbana in carrying on radio direction-finding research. A lease was entered into under date of May 6, 1957, with the Twin City Development Company providing for the leasing of the following-described property:

The Northwest quarter (NW  $\frac{1}{4}$ ) of the Southwest quarter (SW  $\frac{1}{4}$ ) of Section seventeen (17), except the North one-half acre of said tract, located in Township eighteen (18) North, Range eight (8) East of the Third Principal Meridian, containing thirty-nine and one-half (39 $\frac{1}{2}$ ) acres more or less in the County of Champaign, and State of Illinois.

Under the terms of the lease, the University has the option to buy this tract at any time before the expiration of the lease period in 1972 at a cost not to exceed \$17,577.50.

Another lease was entered into under date of June 29, 1956, with the Twin City Development Company providing for the leasing of the following-described property:

The Northeast quarter (NE  $\frac{1}{4}$ ) of the Southwest quarter (SW  $\frac{1}{4}$ ) of Section seventeen (17) and the North one-half (N  $\frac{1}{2}$ ) acre of the Northwest quarter (NW  $\frac{1}{4}$ ) of the Southwest quarter (SW  $\frac{1}{4}$ ) of said section seventeen (17), all in Township eighteen (18) North, Range eight (8) East of the Third Principal Meridian, in Champaign County, Illinois, consisting of 40 $\frac{1}{2}$  acres more or less.

Under the terms of the lease, the University has the option to buy this tract at any time before the expiration of the lease period in 1971 at a cost not to exceed \$18,000.

The United States Army Propagation Laboratory and the Office of Naval Research have indicated that the research program in radio direction-finding will be continued during the foreseeable future; the current contracts now total \$360,000 per year and programs are proposed for a number of years to come.

Therefore, the President of the University, with the concurrence of appropriate administrative officers, recommends that these options be exercised at a total cost of \$35,577.50 and that the Comptroller and the Secretary of the Board be authorized to execute any notices or other documents they deem necessary or desirable in connection with securing title to the above-described properties.

Funds are available from Contract Research Reserve.

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

#### **STATUS REPORT — MARGARET H. AND WILLIAM E. LEVIS FACULTY CENTER, URBANA**

(40) It was reported to the Board of Trustees on March 19, 1969, that preliminary planning had been initiated on the Margaret H. and William E. Levis Faculty Center which is to be located east of the Krannert Center for the Performing Arts. At that time the submission of the required data to the State Board of Higher Education was authorized, requesting approval of the project as a "non-instructional facility."

The project, approximating 20,000 gross square feet, is estimated to cost \$2,000,000, exclusive of extension of utilities to the site. Mrs. Levis has offered to give the University of Illinois the sum of \$1,000,000 for this project, which will require other contributions of approximately \$1,000,000. Since the construction must proceed before all contributions are received in cash, the University of Illinois Foundation will be requested to secure a construction loan to be repaid by contributions.

On March 20, 1968, the Board of Trustees approved in principle the exchange of certain Foundation-owned land, which is a part of the site of the proposed Faculty Center project, for land owned by the University, in anticipation that this project would materialize before capital funds for land acquisition were made available. Due to the need for the development of the program statement by faculty committees, the project was delayed. Assuming the Legislature will appropriate funds for land acquisition, it will no longer be necessary to exchange land as earlier proposed. When the appropriation is approved by the Seventy-sixth General Assembly, and the Governor, the Board will be requested to approve the purchase from the Foundation of the parcels needed for the site.

Mrs. Levis has expressed the hope that construction can be started as soon as possible. Accordingly, the Foundation intends to employ Harry Weese & Associates, Chicago, for architectural services at a fee of 7 per cent plus reimbursements when approved by the University. This fee is based on the fee schedule for such projects and size established by the Central Illinois Chapter of the A.I.A.

This report was received for record.

#### **RESOLUTION CONCERNING STUDENT CONDUCT<sup>1</sup>**

President Hughes called the Board's attention to a resolution presented by Mr. Page on December 20, 1967, subsequently referred to the Committee on General Policy and tabled until April of 1969 with the expectation that by that time a general revision of the University's code of conduct for students might have been developed. He recommended, following consultation with the President of the University, that the matter be deferred until various studies now underway at each campus,

<sup>1</sup> See Transactions of the Board of Trustees, Vol. 38, page 848.

involving discipline as well as regulations, are complete. By consensus, the Board agreed to defer the question.

**CAMPUS SECURITY**

At the request of the President of the University, the Chancellors and other officers reviewed procedures relating to campus security.

On motion of Mr. Grimes, the Board adjourned.

EARL W. PORTER  
*Secretary*

EARL M. HUGHES  
*President*

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

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**June 18, 1969**



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

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

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



**MINUTES APPROVED**

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

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

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

**PRESIDENT'S REPORT**

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

**AWARD OF CERTIFIED PUBLIC ACCOUNTANT CERTIFICATES**

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

<i>Name</i>	<i>Address</i>	<i>State from Which They Obtained Certificates</i>
HAROLD HENRY BACH, JR.	Orchard Park, New York	New York
JACK HINDS DEATLEY	Champaign, Illinois	Missouri
LINDSAY ARTHUR FLECK	Northbrook, Illinois	Texas
EUGENE FRANK KUEHLTHAU	East Moline, Illinois	Wisconsin
RUDOLPH LOUIS LEONE	Morton Grove, Illinois	Virginia
RUDOLPH PETERPAUL SPOLETTI	Oak Park, Illinois	District of Columbia
JAMES MARION TALBERT, JR.	Rolling Meadows, Illinois	Tennessee
FRANK JOSEPH UHLER, JR.	Mound, Minnesota	Wisconsin

I concur.

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

**APPOINTMENT TO BOARD OF EXAMINERS IN ACCOUNTANCY**

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

I concur.

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

**ADVISORY COMMITTEE FOR THE DIVISION  
OF UNIVERSITY EXTENSION**

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

**University Representatives**

H. W. BAILEY, Associate Chancellor, Chicago Circle  
NAT E. SMITH, Assistant Dean, College of Medicine, Medical Center

**Non-University Representatives**

RUEL HALL, County Superintendent of Schools, Kankakee County, Kankakee, 60901  
R. C. MCKAHAN, Division Traffic Manager, Illinois Bell Telephone Company,  
208 West Washington Street, Chicago, 60606

B. G. WILLIAMS, Chief, Training and Development Branch, Rock Island Arsenal, Rock Island, 61202  
I concur.

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

**COLLEGE OF BUSINESS ADMINISTRATION ADVISORY COMMITTEE,  
CHICAGO CIRCLE**

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

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

STANTON R. COOK, Vice President, Chicago Tribune

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

OSCAR R. DAUM, Senior Vice President for Administration, R. R. Donnelley and Sons Company, Chicago

JOHN D. FOSTER, Vice President and Personnel Director, Montgomery Ward, Chicago

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

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

JOHN T. HICKEY, Vice President—Planning, Motorola, Inc., Franklin Park

ROBERT D. JUDSON, Vice President, The First National Bank of Chicago

SIDNEY I. OBERMAN, Partner, Price Waterhouse and Company, Chicago

E. OLIVER, Vice President—Personnel, Illinois Central Railroad, Chicago

WILLIAM S. ROBINSON, Vice President—Product Management, The Quaker Oats Company, Chicago

JOHN T. SNYDER, JR., Treasurer, Standard Oil Company (Indiana), Chicago

FRANK L. STELLNER, Vice President—Financial Relations, United States Gypsum Company, Chicago

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

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

OLIVER W. TUTHILL, Vice President and Comptroller, Illinois Bell Telephone Company, Chicago

J. W. VAN GORKOM, President and Chief Executive Officer, Union Tank Car Company, Chicago  
I concur.

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

**ACTING DEAN OF STUDENTS, URBANA**

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

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

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

**DIRECTORSHIP OF INSTITUTE OF COMMUNICATIONS RESEARCH,  
URBANA**

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

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

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

I concur.

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

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

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

This appointment is to succeed Professor C. Ladd Prosser who has asked to be relieved of his administrative assignment.

The nomination of Dr. Sleator was made with the advice of a search committee<sup>1</sup> and supported by the Executive Committees of the College and the School of Life Sciences, the Executive Vice President and Provost, the Chancellor, and the Dean of the Graduate College.

I concur.

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

#### **HEADSHIP OF THE DEPARTMENT OF PSYCHOLOGY, URBANA**

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

This appointment is to succeed Dr. Lloyd G. Humphreys who has asked to be relieved of this administrative assignment as of August 31, 1969. Dr. Humphreys was on sabbatical leave of absence during the first semester of 1968-69 and was an Associate in the Center for Advanced Study during the second semester of 1968-69.

The nomination of Professor Weir is supported by the Executive Committee of the College and by the members of the Department of Psychology of professorial rank. The Executive Vice President and Provost, the Chancellor, and the Dean of the Graduate College concur.

I recommend approval.

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

#### **APPOINTMENTS TO THE FACULTY**

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

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

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

#### **Chicago Circle**

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

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

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

#### Medical Center

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

#### Urbana-Champaign

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

#### Visiting Staff

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

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

#### DISCONTINUANCE, DEGREE OF MASTER OF TELEVISION, URBANA

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

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

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

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

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

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

I concur.

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

#### **CENTER FOR INTERNATIONAL COMPARATIVE STUDIES, URBANA**

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

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

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

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

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

I recommend approval.

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

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

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

The specific recommendations are as follows:

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

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

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

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

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

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

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

The Board then considered a request from members of the Graduate Student Association to present a statement. On motion of Mr. Hahn, the Board approved the request and Miss Judith A. Stewart and Mr. Bruce A. Morrison of the Graduate Student Association spoke in favor of the recommendations as proposed by the Illini Union Board and approved by the Senate. Mr. Morrison made clear that his position represented a compromise that his preference would be for the original recommendations of the Senate Policy Committee on Student Affairs.

Following extended discussion and questioning of administrative officers and the student and faculty spokesmen, on motion of Mr. Jones, the Board approved the recommendations as submitted with the following provisos: (1) that it be understood, with regard to recommendation Number 4, that instances of disagreement concerning *program* not be referred to the Chancellor but that in such instances of disagreement the Illini Union Board will prevail; (2) (as suggested by Mr. Clement) that the following sentence be added to recommendation Number 8: "This provision is not to be interpreted as modifying the powers of the Illini Union Board and Director as set forth above."

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

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

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

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

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

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

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

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

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

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

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

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

**University Policy: Compensation**

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

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

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

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

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

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

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

#### APPROPRIATIONS FOR NONRECURRING EXPENDITURES

##### Urbana-Champaign

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

Office of the Chancellor, equipment.....	\$ 17 900
Renovation and remodeling for which funds are assigned to the Department of Plant and Services:	
Remodeling in the Armory for classrooms.....	17 640
Remodeling in McKinley Hospital for the Mental Health Division....	15 560
<i>Total, Urbana-Champaign General Reserve.....</i>	<i>\$ 51 100</i>

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

Graduate College:	
Computer-based Education Research Laboratory, equipment.....	\$ 15 000
Atmospheric Research Laboratory, equipment and research journals...	30 000
Renovation and remodeling for which funds are assigned to the Department of Plant and Services:	
Installation of a compressed air system donated by the Gardner-Denver Co. in the Aeronautical Engineering Laboratory B for the College of Engineering.....	17 200
Air conditioning in the Engineering Research Laboratory for the Computer-based Education Research Laboratory.....	24 100
Remodeling of 1204 West Springfield Avenue, Urbana, for the Department of Computer Science.....	21 552
<i>Total, Urbana-Champaign Contract Research Reserve.....</i>	<i>\$107 850</i>

##### Chicago Circle

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

Library, Library Additions.....	\$ 36 000
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The Executive Vice President and Provost and the Vice President and Comptroller concur.

I recommend approval.



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

**CONTRACTS FOR MINOR REMODELING AND NEW CONSTRUCTION, URBANA**

(16) The President of the University, with the concurrence of appropriate administrative officers, recommends the award of cost-plus contracts for minor remodeling and new construction on the Urbana campus for the period July 1, 1969, through June 30, 1971, to the following low bidders for eight divisions of work:

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

Electrical — Remco Electrical Corporation, a Delaware Corporation, Champaign

Plumbing — Willis H. Thomas & Wren C. Thomas, a partnership, doing business as Thomas Plumbing & Heating Co., Urbana

Heating, Piping, and Refrigeration — Reliable Plumbing & Heating Company, a Delaware Corporation, Champaign

Ventilation and Distribution Systems for Conditioned Air — David W. Reichard Plumbing & Heating Co., Inc., an Illinois Corporation, Urbana

Automatic Temperature Control Systems — Barber-Colman Company, an Illinois Corporation, Rockford

Insulation — Champaign A&K Insulation Company, a Kentucky Corporation, Champaign

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

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

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

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

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

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

(17) The President of the University, with the concurrence of appropriate administrative officers, recommends that the Illinois Building Authority be requested to award a contract in the amount of \$258,500 to Herlihy Mid-Continent Company, Chicago, the low bidder, for construction of an underground oil tank and pump house for the Utilities Building, Phase III Addition, at the Chicago Circle campus and proceed to procure this facility for the use of the University.

This work is part of the project for Chicago Circle, Phase III, construction which the Board on July 26, 1967, requested the Illinois Building Authority to

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

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

#### **Resolution**

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

*Be It, and It Hereby Is, Further Resolved* by The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, that the Comptroller and Secretary of this public corporation be, and they hereby are, authorized to make, execute, acknowledge and deliver, in the name and on behalf of this 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. Swain, the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Pogue, Mr. Swain; no, none; absent, Governor Ogilvie, Mr. Page, Mr. Steger.

#### **LEASE OF 606½ EAST GREEN STREET, CHAMPAIGN**

(18) The President of the University, with the concurrence of appropriate administrative officers, recommends that the Board of Trustees request the University of Illinois Foundation to enter into a lease of the entire second floor (2,645 square feet) of the property at 606½ East Green Street, Champaign, for the Police Training Institute of the Division of University Extension at an annual rental of \$5,800 for a period beginning on or about July 1, 1969, and extending until June 30, 1972, with an option for renewal for an additional three-year period at the same rental rate and that the Foundation sublease the space to the University at the same rental on an annual basis.

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

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

#### **LEASE WITH MID-AMERICA CHAPTER, AMERICAN RED CROSS, FOR DIVISION OF SERVICES FOR CRIPPLED CHILDREN, CHICAGO OFFICE**

(19) The President of the University, with the concurrence of appropriate administrative officers, recommends, subject to funds being made available from appropriations by the Seventy-sixth General Assembly, the execution of a lease with the American Red Cross, Mid-America Chapter, for the rental of 4,800 square feet of space located at 43 East Ohio Street, Chicago, for the Chicago District Office of the Division of Services for Crippled Children.

The current lease held by the University expires June 30, 1969; and it is

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

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

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

#### **PUBLICITY SERVICES FOR ASSEMBLY HALL, URBANA**

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

Funds are available in the operating budget of the Assembly Hall.

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

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

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

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

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

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

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

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

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

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

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

#### STUDENT INSURANCE PROGRAM

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

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

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

#### Urbana-Champaign Campus

	<i>Premium Payments to Insurance Company</i>		<i>Amounts to be Paid by Insured</i>	
	<i>Per Semester</i>		<i>Per Semester</i>	
	<i>Proposed</i>	<i>(Current)</i>	<i>Proposed</i>	<i>(Current)</i>
Student.....	9.27	(8.05)	10.00*	(8.50)*
Spouse.....	14.30	(12.48)	15.00	(13.00)
Child.....	9.65	(8.89)	10.00	(9.00)

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

I concur.

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

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

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

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

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

\* Included in the Hospital-Medical-Surgical fee.

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

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

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

FEDERAL AVIATION ADMINISTRATION

GRANT AGREEMENT

Part 1 — Offer

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

To: The Board of Trustees of The University of Illinois and the Department of Aeronautics, State of Illinois (herein referred to as the "Co-Sponsors")  
FROM: The United States of America (acting through the Federal Aviation Agency, herein referred to as the "FAA")

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

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

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

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

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

This Offer is made on and subject to the following terms and conditions:

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

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

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

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

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

16. The Sponsor —

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

The Sponsor's acceptance of this Offer and ratification and adoption of the Project Application incorporated herein shall be evidenced by execution of this instrument



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

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

### Part II — Acceptance

The ..... does hereby ratify and adopt all statements, representations, warranties, covenants, and agreements contained in the Project Application and incorporated materials referred to in the foregoing Offer and does hereby accept said Offer and by such acceptance agrees to all of the terms and conditions thereof.

Executed this ..... day of ....., 19.....

.....  
(Name of Sponsor)

(Seal)

By.....

Title.....

Attest:.....

Title:.....

### Certificate of Sponsor's Attorney

I, ....., acting as Attorney for .....,  
(herein referred to as the "Sponsor") do hereby certify:

That I have examined the foregoing Grant Agreement and the proceedings taken by said Sponsor relating thereto, and find that the Acceptance thereof by said Sponsor has been duly authorized and that the execution thereof is in all respects due and proper and in accordance with the laws of the State of ..... and further that, in my opinion, said Grant Agreement constitutes a legal and binding obligation of the Sponsor in accordance with the terms thereof.

Dated at ..... this ..... day of ....., 19.....

.....  
Title.....

The State of Illinois, Department of Aeronautics does hereby accept said Offer and by such acceptance agrees to all of the terms and conditions thereof.

Executed this ..... day of ....., 1969.

STATE OF ILLINOIS  
DEPARTMENT OF AERONAUTICS

(Seal)

Attest..... By.....

Title..... Title.....

### Certificate of Co-sponsor's Attorney

I, ....., acting as Attorney for the State of Illinois, Department of Aeronautics, do hereby certify:

That I have examined the foregoing Grant Agreement and proceedings taken by

the State of Illinois, Department of Aeronautics relating thereto and find that the acceptance thereof by the State of Illinois, Department of Aeronautics has been duly authorized and that the execution thereof is in all respects due and proper and in accordance with the laws of the State of Illinois and further that, in my opinion, said Grant Agreement constitutes a legal and binding obligation of the State of Illinois, Department of Aeronautics in accordance with terms thereof.

Dated at ..... this ..... day of ....., 1969.

Title.....

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

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

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

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

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

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

Dr. Bertram A. Richardson was an alumnus of the Class of 1907 of the College of Medicine.

I concur.

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

#### **PURCHASES**

(26) The President submitted, with his concurrence, a list of purchases recommended by the Directors of Purchases and the Vice President and Comptroller; also two purchases authorized by the President.

The list of purchases was presented in two categories: purchases from appropriated funds (i.e., from state appropriations to the University) and purchases from institutional funds. The latter term designates funds received by the University under contracts with the United States government, contracts with private corporations and other organizations, funds from foundation grants, and grants from corporations and other donors, and University revolving funds authorized by law.

The total amounts of these purchases were:

*From Appropriated Funds*

Authorized .....	\$ 9 775 90
Recommended .....	835 823 28
<i>Total</i> .....	<u>\$845 599 18</u>

*From Institutional Funds*

Authorized .....	\$ 13 875 60
Recommended .....	1 127 268 90
<i>Total</i> .....	<u>\$1 141 144 50</u>
<i>Grand Total</i> .....	<u>\$1 986 743 68</u>

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

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

**COMPTROLLER'S REPORT OF PURCHASES APPROVED**

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

This report was received for record.

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

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

**Chicago Circle**

*New Contracts*

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
Union Carbide Corporation	Investigate the physical chemistry of sulphur and silicon behavior in nickel-base alloys	\$ 5 000
<i>Total</i>		<u>\$ 5 000</u>

*Change Orders*

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>
G. and M. Electrical Contractors Co.	Extension of electrical distribution system — phase III	\$ 12 115
<i>Total</i>		<u>\$ 12 115</u>

**Medical Center**

*New Contracts*

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
Presbyterian-St. Luke's Hospital	Evaluation of the Marmoset as a laboratory animal in tumor virus research	\$ 15 520
State of Illinois, Department of Mental Health	Neonatal and fetal asphyxia: Adverse effects on distribution of blood flow to the brain and their correction	144 153
University of Chicago and Illinois Regional Medical Program	Systematic study of selected continuing education programs	32 200
United States Army DADA-17-69-C-9110	Antiradiation drugs — synthesis of mercaptoamidines	27 305
<i>Total</i>		<u>\$219 178</u>

*Change Orders*

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
State of Illinois, Department of Mental Health	Psychosomatic differentiation during infancy	\$147 974
<i>Total</i>		<u>\$147 974</u>

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
Fries Walters Company	Minor remodeling and new Construction: General Hospital	\$ 5 513
Simpson Construction Company	Minor remodeling and new construction: Dentistry-Medicine-Pharmacy Building	7 884
	General Hospital	7 264
	Illinois Surgical Institute Building	6 362
	Neuropsychiatric Institute	5 909
<i>Total</i>		<u>\$ 32 932</u>

**Urbana-Champaign***New Contracts*

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
State of Florida, State Department of Education	Basic elementary and secondary education; its needs, costs, and program requirements	\$ 61 439
United States Air Force F-19628-69-C-0206	Study of natural variability raindrop size spectra	19 828
United States Army DA-ARO-D-31-124-G1129	Analytical aerotriangulation based on simultaneous adjustment of geodetic and photogrammetric measurements	44 656
United States Atomic Energy Commission AT(11-1)2022	Analysis of fissile element cross sections and the development of associated computer programs	25 000
United States Department of Health, Education, and Welfare, National Air Pollution Control Administration CPA-22-69-65	Study of petrographic and mineralogical characteristics of carbonate rocks related to sulphur oxide sorption in flu gases	69 320
National Institutes of Health NIH-69-858	Symposium on Mossbauer spectroscopy	5 000
United States Office of Economic Opportunity CG 4960	Project "Upward Bound"	91 014
United States Navy N-00014-67-A-0305-0014	Effects of variations of dynamic movement relationships of flight displays on pilot performance	35 513
<i>Total</i>		<u>\$351 770</u>

*Change Orders*

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
National Sand and Gravel Association	Site development problems related to sand and gravel pit operations re-use	\$ 9 000
United States Air Force AF-AFOSR-889-67	Anatomy of insect central nervous systems	12 949
United States Department of Health, Education, and Welfare:		
OEG-0-9-230222-2135-725	English as a second language institute	31 002
OEG-0-9-230283-2213-725	Institute for teachers of Latin	30 060
OEG-0-9-230472-2214-725	Foreign language institute — Russian	35 476
United States Department of the Interior, Federal Water Pollution Control Administration WP-01020-03(5)NC	Oxygen relationships in small streams	24 621
United States Department of Transportation, Federal Railroad Administration C-3-0152	Design of tunnel liners for high speed ground transportation	38 000
United States Navy N-00014-67-A-0305-0002	Investigation of radio direction finding techniques over broad bands of frequencies to obtain accurate information on intercepted signals	14 200
<i>Total</i>		<u>\$195 308</u>

**Summary****Total to be paid to the University:**

Chicago Circle.....	\$ 5 000
Medical Center.....	367 152
Urbana-Champaign.....	547 078
<i>Total</i> .....	<u>\$919 230</u>

**Total to be paid by the University:**

Chicago Circle.....	\$ 12 115
Medical Center.....	32 932
<i>Total</i> .....	<u>\$ 45 047</u>

This report was received for record.

**COMPTROLLER'S QUARTERLY REPORT**

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

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

**INVESTMENT REPORT**

**For the Month of April, 1969**

**Report of the Finance Committee**

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

*Pool**Sales:*

1,600 rts Oklahoma Gas and Electric Company.....	\$ 75 00
800 rts Polaroid Corporation.....	250 00

*Purchase:*

\$33 000 Commercial Credit Company demand notes.....	33 000 00
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*Rust**Sale:*

408 rts Oklahoma Gas and Electric Company.....	19 13
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**Report of the Comptroller**

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

*Current Funds**Current Funds (Chicago Circle)**Purchase:*

\$300 000 Broadway-Hale Stores notes due 6/30/69.....	\$295 275 00
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*Medical Service Plan (Medical Center)**Purchase:*

\$40 000 Federal National Mortgage Association notes due 7/10/69....	39 912 50
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*Restricted Group**Purchases:*

\$ 500 000 Stokely-Van Camp notes due 6/24/69.....	491 833 33
1 000 000 International Harvester notes due 8/5/69.....	977 055 56
145 000 Continental Illinois National Bank bk.acc. due 8/8/69....	142 011 39
133 000 Continental Illinois National Bank bk.acc. due 8/15/69....	130 077 69
500 000 John Deere credit notes due 8/15/69.....	489 013 89
500 000 Bell and Howell notes due 9/5/69.....	484 736 11
500 000 Kimberly Clark notes due 9/5/69.....	485 513 89
500 000 Continental Illinois National Bank bk.acc. due 9/26/69....	484 062 50

*Plant Funds**Bonds of 1964 Auxiliary Fund (Medical Center)**Purchases:*

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

*Dentistry-Medicine-Pharmacy Auxiliary Fund (Medical Center)*

Purchase:

\$50 000 U.S. Treasury bills due 6/12/69..... 49 560 83

*Sinking Funds**Women's Residence Halls*

Purchase:

\$1 000 U.S. Treasury bills due 2/28/70..... 958 27

This report was received for record.

**LEASES WITH THE ILLINOIS BUILDING AUTHORITY**

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

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

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

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

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

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

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

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

<sup>1</sup> Also known as Education and Communications Building.

<sup>2</sup> Also known as Utilities Building Addition.

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

A. Construct Education Center Building	
Chicago Circle Campus.....	\$6 781 575
B. Construct Utilities Center Addition	
Chicago Circle Campus.....	2 297 900
C. Construct Music Building	
Urbana-Champaign Campus .....	4 380 000

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

WHEREAS the amount designated for said projects as follows:

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

will not cause said aggregate amount to be exceeded; and

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

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

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

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

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

**AMENDMENTS TO LEASES WITH THE ILLINOIS BUILDING AUTHORITY**

(32) On March 19, 1969, the Board of Trustees authorized leases with the Illinois Building Authority for the Office Building<sup>1</sup> at the Medical Center campus and the Foreign Languages Building at the Urbana-Champaign campus which projects the Seventy-fifth General Assembly had declared to be in the public interest.

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

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

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

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

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

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

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

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

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

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

WHEREAS the amount designated for said projects as follows:

- A. Medical Center Campus  
IBA #75-11 Construct Office Building..... \$3 410 000

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



## B. Urbana-Champaign Campus

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

will not cause said aggregate amount to be exceeded; and

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

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

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

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

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

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

#### PROCEDURES GOVERNING APPEARANCES BEFORE THE BOARD OF TRUSTEES

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

#### Procedures Governing Appearances Before the Board of Trustees

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

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

By long custom, official appearances have been arranged for committees and other groups representative of the faculty and the staff. Similarly, faculty, staff, and student groups are invited from time to time to participate in discussions at

the President's and Chancellor's Conferences held in connection with the monthly meetings of the Board of Trustees.

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

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

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

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

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

#### DEGREES CONFERRED

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

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

<sup>1</sup> Communications from the faculty, staff, and students of the University are expected to be submitted through the appropriate Chancellor and the President of the University, the purpose being, as suggested in the *University Statutes*, to insure that administrative officers "have knowledge thereof and an opportunity to comment thereon."

Communications from others can be similarly processed or may be sent to the Secretary who will transmit them to the members of the Board of Trustees.

*Degrees Conferred December 16, 1968*

Graduate College	
Master of Arts.....	10
Master of Science.....	7
<i>Total, Graduate College.....</i>	<i>(17)</i>
College of Architecture and Art	
Bachelor of Architecture.....	6
Bachelor of Arts.....	10
<i>Total, College of Architecture and Art.....</i>	<i>(16)</i>
College of Business Administration	
Bachelor of Science.....	51
College of Education	
Bachelor of Arts.....	11
College of Engineering	
Bachelor of Science.....	12
College of Liberal Arts and Sciences	
Bachelor of Arts.....	127
Bachelor of Science.....	34
<i>Total, College of Liberal Arts and Sciences.....</i>	<i>(161)</i>
<i>Total, Degrees Conferred at Chicago Circle December 16, 1968.....</i>	<i>268</i>

*Degrees Conferred March 24, 1969*

Graduate College	
Master of Arts.....	9
Master of Science.....	6
<i>Total, Graduate College.....</i>	<i>(15)</i>
College of Architecture and Art	
Bachelor of Architecture.....	5
Bachelor of Arts.....	11
<i>Total, College of Architecture and Art.....</i>	<i>(16)</i>
College of Business Administration	
Bachelor of Science.....	31
College of Education	
Bachelor of Arts.....	26
Bachelor of Science.....	3
<i>Total, College of Education.....</i>	<i>(29)</i>
College of Engineering	
Bachelor of Science.....	32
College of Liberal Arts and Sciences	
Bachelor of Arts.....	146
Bachelor of Science.....	35
<i>Total, College of Liberal Arts and Sciences.....</i>	<i>(181)</i>
<i>Total, Degrees Conferred at Chicago Circle March 24, 1969.....</i>	<i>304</i>

*Degrees Conferred June 15, 1969*

Honorary	
Doctor of Humane Letters.....	1
Graduate College	
Master of Arts.....	14
Master of Science.....	25
<i>Total, Graduate College.....</i>	<i>(39)</i>
College of Architecture and Art	
Bachelor of Architecture.....	34
Bachelor of Arts.....	34
<i>Total, College of Architecture and Art.....</i>	<i>(68)</i>
College of Business Administration	
Bachelor of Science.....	117

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

College of Nursing	
Bachelor of Science.....	61
College of Pharmacy	
Bachelor of Science.....	110
<i>Total, Degrees Conferred at the Medical Center June 12, 1969.....</i>	<u>570</u>

**Urbana-Champaign***Degrees Conferred June 14, 1969*

Honorary	
Doctor of Laws.....	1
Doctor of Science.....	3
<i>Total, Honorary Degrees.....</i>	<i>(4)</i>
Graduate College	
Doctor of Philosophy.....	226
Doctor of Education.....	22
Doctor of Musical Arts.....	3
Master of Arts.....	194
Master of Science.....	389
Master of Music.....	32
Master of Education.....	160
Master of Social Work.....	78
Master of Fine Arts.....	8
Master of Television.....	2
Master of Architecture.....	9
Master of Accounting Science.....	12
Master of Business Administration.....	24
Master of Commerce.....	3
Master of Extension Education.....	4
Master of Landscape Architecture.....	1
Master of Urban Planning.....	11
Advance Certificate.....	20
Certificate of Advanced Study in Librarianship.....	12
<i>Total, Graduate College.....</i>	<i>(1,210)</i>
College of Agriculture	
Bachelor of Science.....	259
College of Engineering	
Bachelor of Science.....	338
Certificate in the Teaching of Engineering Technology.....	14
<i>Total, College of Engineering.....</i>	<i>(352)</i>
College of Liberal Arts and Sciences	
Bachelor of Arts.....	1,218
Bachelor of Science.....	621
<i>Total, College of Liberal Arts and Sciences.....</i>	<i>(1,839)</i>
College of Law	
Juris Doctor.....	177
College of Education	
Bachelor of Science.....	247
College of Commerce and Business Administration	
Bachelor of Science.....	195
College of Communications	
Bachelor of Science.....	114
College of Fine and Applied Arts	
Bachelor of Architecture.....	53
Bachelor of Arts.....	1
Bachelor of Fine Arts.....	89
Bachelor of Landscape Architecture.....	16
Bachelor of Music.....	13
Bachelor of Science.....	64
Bachelor of Urban Planning.....	8
<i>Total, College of Fine and Applied Arts.....</i>	<i>(244)</i>

College of Physical Education	
Bachelor of Science.....	72
College of Veterinary Medicine	
Bachelor of Science.....	62
Doctor of Veterinary Medicine.....	69
<i>Total, College of Veterinary Medicine.....</i>	<i>(131)</i>
<i>Total, Degrees Conferred at Urbana-Champaign June 14, 1969.....</i>	<i>4,844</i>

## CHICAGO CIRCLE

*Degrees Conferred September 3, 1968*

## GRADUATE COLLEGE

## Degree of Master of Arts

*In History*

CHARLES SAMUEL COHEN, B.A., Lake Forest College, 1966

JUDITH GISSER GOLDFINE, B.A., University of Michigan, 1964

*In Mathematics*

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

*In Philosophy*

NELSON JOSEPH CALDERONE, B.A., City College of New York, 1967

BARBARA HAUSER CAMERON, B.A., Wellesley College, 1967

*In English*

CLAUDIA REYNOLDS, B.A., 1966

## Degree of Master of Science

*In Mathematics*

MARK PANKIN, B.A., Wayne State University, 1966

WILLIAM HOWARD PATTON, B.S., University of Chicago, 1967

JUDITH MARIE POVILUS, B.S., De Paul University, 1967

DUANE RUSSELL WALKER, B.S., Tusculum College, 1962

## COLLEGE OF ARCHITECTURE AND ART

## Degree of Bachelor of Architecture

*In Design*

ANNE BERTHOLD, Honors

ALAN ROBERT ROSEN

GARY BURL MUNDINGER

CHESTER JOSEPH YANIK

*In Humanities*

CHARLES GEORGE LABUDA

*In Structures*

ROBERT EDWARD FREEBURG

*In Building Technology*

QUONG ZAT LEE

## Degree of Bachelor of Arts

*In Design*

KRISTINA DANUTE BULOTA

DAVID JAMES WOHL

MICHAEL ROBERT TESTA

JEROME NICHOLAS ZUREK

*In Plastic and Graphic Arts*

THEODORE BASIL ARGEROPOLOS, High

SUSAN JOYCE PELKIE

Honors

JANET LYNN ZANCK

CATHY JANE DALE

**COLLEGE OF BUSINESS ADMINISTRATION****Degree of Bachelor of Science***In Accounting*

JEAN ALLIS ARIANO, Honors with High Distinction in Accounting	JOHN JAMES MARSZALEK, Honors with High Distinction in Accounting
BARBARA MARIE BUCZA	RICHARD LEE McMAKEN
AVERY DELOTT	MICHAEL CHARLES PERUSCINI
CARL MATTHEW FINK, Honors with Distinction in Accounting	ROGER PAUL STEVENS
GRANT ROBERT GIESLER	JOHN ADRIAN TAYLOR
JACK EDWARD KREJCA, Honors with Distinction in Accounting	MILAN KENNETH WILSON
GERALD FLOYD LYDDON, Honors with Distinction in Accounting	MICHAEL RICHARD WOLFE
	GENE WONG, Honors with Distinction in Accounting

*In Economics*

PAUL MICHAEL DiPEGO	JOHN FRANCIS SCHOFIELD
GARY JOEL KARSHEN	DON JOSEPH ZORDAN, Honors with Distinction in Economics
DANIEL PATRICK KISSANE	

*In Finance*

DAVID BARRY BARTOLOMEI, Honors with Distinction in Finance	RICHARD JOHN LAUBE
WILLIAM LLOYD BURKEPILE	GEORGE FRANK WARMUTH
	CHERYL MARIE ZAJAC

*In General Business*

ANGELINE VASILAKOS

*In Management*

HAROLD EDWARD KAUTZ, JR.	BRUCE IRA SHACHMAN
ROBERT ANDREW KERPEC	ROSEANN MARIE WALKE
DONALD EDWIN NOREN	

*In Marketing*

THERESE JOANNE BORRELLI	RICHARD DAVID MARMOR
MITCHELL ALAN GOTTLIEB, Honors	THOMAS JOSEPH MCCLURE
MARK JOEL HELFAND	EDWARD RONALD MLECZKO
RONALD JAMES KERNKAMP	GARY MICHAEL MULLOY
THADDEUS ANDREW KOZIEN	LAWRENCE ELLAS WEIL
JEFFREY EDWARD KROK	EDWARD FRANK WEINBERG

*In Quantitative Methods*

LEONARD CAHNMANN	LAURA LUCILLE CIUCCI, Honors
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**COLLEGE OF ENGINEERING****Degree of Bachelor of Science***In Aerospace Sciences*

MICHAEL ALLAN JANAS, Honors

*In Applied Mechanics*

KUROSH DILMANIAN

*In Applied Physics*

JOHN ALBERT DUDEK	JAMES EDWARD PACHNIK
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*In Mechanical Analysis and Design*

HARNAM DASS CHOUDHRY	MICHAEL STEPHEN TURBAK
WILLIAM ROBERT JOHNSON	

*In Metallurgy*

RICHARD BASCOM CARTER	DAVID OREN STYKA
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*In Structural Design*

ODISHO MALIK HERMEZ KIVARKIS  
CHEUK HON LEE

DEMETRIOS NICHOLAS MARAS

*In Systems Analysis*

RALPH EVANS JACKSON

*In Thermal Science*

HOWARD JOHN BECKER, JR.  
ROGER RICHARD BONEY

RONALD JOHN BYWATER, High Honors

## COLLEGE OF LIBERAL ARTS AND SCIENCES

## Degree of Bachelor of Arts

*In the Administration of Criminal Justice*

EDWARD JOHN DOYLE

*In Liberal Arts and Sciences*

ANTOINETTE BEATRICE ANTHONY  
ZENON JOHN BABIJ  
GEORGE WALTER BALOGH  
CHARLES EDWARD BARRETT  
GAIL GOLDSTEIN BAXTER, Honors in  
Liberal Arts and Sciences  
JOAN MARIE BLEDIG  
SHEILA RENEE BLOOM  
ROBERT PERRY BROWN  
STEVEN GEORGE BROWN  
DENNIS KENNETH BYLINA  
NANCY LYNNE CARLETON  
ELIZABETH ANN CARLSON  
LYNN JOYCE CHANAN  
CARLEEN ANN MCPHARLIN COEN, Hon-  
ors in Liberal Arts and Sciences  
JOSEPH MICHAEL CONDRON  
GARRY COOPER  
CHRISTINE THERESA CZOCHARA  
EDITH ANN DALEY  
JOSEPH RAYMOND D'ANZA  
ASSIR REIS PEREIRA DASILVA, Honors  
in Liberal Arts and Sciences with  
Distinction in Spanish  
MARGARET DEL GIORNO  
DOROTHY DAWN DUNBAR  
HILAIRE EDMOND DUPON  
DAVID CONRAD DUWE  
ROSE MARIE ECONOMOU  
KEITH HATHEWAY ELLIOTT  
JANICE TERESA ETTILT  
SUSAN JEAN FEICHT  
JUDITH SHIBKO FELDMAN  
ANTHONY JAMES FICO  
EVA FIELD  
RAY FIELDS  
JANICE LYNN FINK, Honors in Liberal  
Arts and Sciences with Distinction  
in French  
DARLENE WEINSTEIN FINKEL  
DAVID NATHAN FINKEL  
DANIEL ALEXANDER FLORES, Honors in  
Liberal Arts and Sciences  
KATHY ANN FREEMAN, Honors in Lib-  
eral Arts and Sciences

NOREEN LYNN FREISINGER  
LAUREN SETSUKO FUJITA  
DALIA JANINA GAICALAS  
BENNY GARBAR  
EDWARD GENTRY III  
JUDITH ELAINE GOENS  
ELAINE LISBETH GRANGER  
MERRYLEE ELIZABETH GUGE  
RICHARD LEE HALL  
JOHN WILLIAM HENNESSY, Honors in  
Liberal Arts and Sciences with Dis-  
tinction in Psychology  
RUTH ANN HEUSER  
HARRY SOL HOCHFELDER  
PEGGIE FRANCES HOLT  
ELAINE WEISS HOLZMAN  
JEAN MARIE JACKSON  
NORMAN ROY JACOBSON  
RICHARD JOHN JAKUBOWSKI  
RONALD LOUIS JIROVEC  
GLORIA BETTY JOHN  
WENDY ELISABETH JOHN, Honors in  
Liberal Arts and Sciences  
CAROL RIVES JOHNSON  
SUSAN GETZOV KATZ  
KENT PAUL KEBERNIK  
MARY ANN KELLY  
PATRICK JOSEPH KELLY  
KATHLEEN MARIE KEMBLAWSKI, Honors  
in Liberal Arts and Sciences  
JOYCE BARBARA KINNIBURGH, Honors in  
Liberal Arts and Sciences  
JUDITH ANN KLAUBA  
ROBERT CASANAVE KNOX  
MICHELE ROBERTA KRIEGER  
ADELE MAXINE LEBOW, Honors in Lib-  
eral Arts and Sciences  
DIANE LEFF  
JOHN WILLIAM LONG  
EDWARD JOHN MACK  
MARSHALL MAGID  
RICHARD PAUL MAJKA  
MARLENE MARGARET MILLER, Honors in  
Liberal Arts and Sciences with  
Highest Distinction in English



MARY ELAINE MILLER  
 LAUREN ELAYNE MILLS  
 ANDREW CHAMPION MONTGOMERY  
 MARSHA LEE NEWLIN  
 CHARLES ARTHUR NORTH  
 LINDA KATHRYN NOWOTARSKI  
 RICHARD EDWARD NUGENT  
 DAVID HERBERT OLDHAM, Honors in  
 Liberal Arts and Sciences  
 ROBERT BRYANT OLSON  
 CAROL ANN PAGE  
 ASTRA LINDE PAVLOVSKIS  
 STEPHEN RICHARD PERCIACH, Honors in  
 Liberal Arts and Sciences with Dis-  
 tinction in Geography  
 JOSEPH M. PERILLI, Honors in Liberal  
 Arts and Sciences  
 JOHN MICHAEL PERLETTE, Honors in  
 Liberal Arts and Sciences  
 CYNTHIA SUE POTOCKI  
 WILLIAM DEGEN REIWITCH  
 PATRICIA ANN ROCK  
 PEGGY PHYLLIS ROSENBAUM, Honors in  
 Liberal Arts and Sciences with Dis-  
 tinction in Sociology  
 LAWRENCE FRANK ROWLEY  
 STEVEN HAROLD RUBIN  
 BEVERLY ANN SCHAUMBURG  
 ARTHUR EDMUND SCHLAK, JR.  
 ANDREW LEROY SCOTT  
 VALERIE JANE SCHWARTZ  
 MARK HOUSTON SENTER III

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

*In the Teaching of English*

JOSEPH SIMON BOERINGA, JR.  
 LINDA-LEE MARIE BRECHMAN  
 MARY COLLEEN DREW  
 DARLENE DIANE FERET  
 SANDRA ANN GOLETZ  
 LYNN KAMINSKY, Honors in Liberal  
 Arts and Sciences  
 CAROLYN ANN LUEDTKE, Honors in Lib-  
 eral Arts and Sciences with High  
 Distinction in English  
 BONNIE RUTH MICULINIC  
 LOIS MILDRED OZOUF, Honors in Liberal  
 Arts and Sciences

GITELLE RAPOPORT, Honors in Liberal  
 Arts and Sciences with Highest  
 Distinction in English  
 MAXINE ALEVRAS ROUSOPOULOS  
 ROBERT LEONARD ROZYCKI, Honors in  
 Liberal Arts and Sciences  
 SYBIL MARTHA SOSIN, Honors in Lib-  
 eral Arts and Sciences  
 GERALDINE ELIZABETH WROBLEWSKI,  
 Honors in Liberal Arts and Sci-  
 ences with Distinction in English  
 and Speech

*In the Teaching of History*

JUDITH CLAIRE DENNIS, Honors in Lib-  
 eral Arts and Sciences

LINDA BARBARA JACOBSON

*In the Teaching of Political Science*

ROSE MARIE ECONOMOU

SHARON ANN SRAGA

**Degree of Bachelor of Science**

*In Chemistry*

WILLIAM ELLIS DELANEY, JR.  
 GARY MICHAEL DOSIK, Honors in Lib-  
 eral Arts and Sciences

ROMAN MICHAEL HAWRYLUK

*In Liberal Arts and Sciences*

BEVERLY JANE BIECHNER  
 JACOB DAVID BITRAN, Honors in Liberal Arts and Sciences with Distinction in Biological Sciences  
 CHARLES RICHARD BURDSAL, Jr., Honors in Liberal Arts and Sciences  
 JOHN HENRY CLAY  
 KENNETH MICHAEL CUCULICH  
 KAREN JORGENSEN DOWLING, Honors in Liberal Arts and Sciences with Distinction in Mathematics  
 EMILY WEBB GOLDBERG, Honors in Liberal Arts and Sciences with Distinction in Biological Science  
 RAYMOND GEORGE HALLIDAY  
 JAMES ANTHONY HERSAM  
 THOMAS KENNEY HUGHES  
 ANNE MARIE CATHERINE JAKES  
 HARRY MICHAEL JEFKO  
 CHRIS ELLYN JOHANSON  
 WESLEY PHILLIP JONES, Honors in Liberal Arts and Sciences

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

*In Physics*

ADRIENNE ANDRULIS

*In the Teaching of Geography*

JOSEPH NICHOLAS VITTI

*In the Teaching of Mathematics*

BARBARA CECILIA GORANSON, Honors in Liberal Arts and Sciences

WILLIAM JOSEPH LOFTUS

*Degrees Conferred December 16, 1968***GRADUATE COLLEGE****Degree of Master of Arts***In English*

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

*In German*

WIEBKE STAHN MOHR

*In History*

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

*In Mathematics*

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

*In Philosophy*

BERNADETTE DELAMAR MCBRIEN, A.B., Manhattanville College of the Sacred Heart, 1967  
 SUE MARIE STAFFORD, B.A., Wheaton College, 1967

**Degree of Master of Science***In Chemistry*

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

*In Mathematics*

ERWIN STEWART JANUSH, B.S., 1967

RONALD JOSEPH SURZ, B.S., 1967

*In Physics*

JOANNE BUCK SELDEN, B.S., 1967

LAWRENCE MICHAEL KLONOWSKI, B.S., 1968

NAIM ELYASHAR, B.S., University of Tehran, 1966

CRAIG LEWIS FOSTER, B.S., 1967

**COLLEGE OF ARCHITECTURE AND ART****Degree of Bachelor of Architecture***In Design*

URIEL COHEN

JOSEPH RUSSELL LEDUC

STEPHEN THOMAS RYAN

JAMES ROBERT WAGENER

*In Structures*

STEVEN THOMAS CARLINO

ROBERT MAURO DICOSTANZO

**Degree of Bachelor of Arts***In Design*

SIMEON GEORGE COSTEA

JANICE CHUNG FLODSTROM

JUANITA CAROLYNE GILES

HALINA JOLANTA LOGAY

PATRICIA BOOTH LYNCH, High Honors

ANITA EILEEN SCHNITZER

*In Plastic and Graphic Arts*

TERESA ELAINE DANOS

THERESE MAHONEY SALESON

DAVIDA WEINBERG SCHULMAN

PATRICIA DIANE SKORA, High Honors

**COLLEGE OF BUSINESS ADMINISTRATION****Degree of Bachelor of Science***In Accounting*

SUNDAY EMMANUEL AKINYEMI

TRENT NICK FOTOPOULOS

BARBARA MARY GABOREK, Honors

FREDERICK JOHN GESIORSKI, Honors

with High Distinction in Accounting

MICHAEL ELLIOT GOLTZ

ROBERT STANLEY HOJNICKI, Honors

with High Distinction in Accounting

DONNA MARIE JANEC

ROBERT NEIL KLASKIN

JOHN GEORGE NORBUT

FRANK JOSEPH NOWINSKI, Honors with

Highest Distinction in Accounting

CLIFTON PAUL O'BRIEN

ROBERT CARL OLSON

THOMAS JOSEPH OTT

MELVIN CARL ROSENBERG

HERMAN STEVEN SIEGELLAK

JAMES GARY THOMPSON, Honors with

Distinction in Accounting

WILLIAM HENRY TYDA

JOHN LAWRENCE TYRRELL

RICHARD PAUL WENTZLAFF, Honors

with Distinction in Accounting

*In Economics*

ALBERT MANDEL CHOFFNES

KENNETH CARL CWICK

JAMES LOUIS DOTI, Honors with High

Distinction in Economics

JERRY MATHEW PARIS

JOSEPH WILLIAM ROSE, Honors with

Distinction in Economics

*In Finance*

GEORGE B. FLANIGAN, Honors with Dis-

tinction in Finance

DAVID MICHAEL HURLEY

JOHN CHARLES NELLINGER

DONALD LEO PETERS

THOMAS THEODORE ROWE

MARK PAUL SZTELLE

*In Management*

CARA LYNN VIVIAN BOETTCHER

PAUL ERIC DANEHL

CORINNE CLEBAN DONKERS

DAVID ANTHONY FRIES

RICHARD JOSEPH HYNEK

KENNETH WAYNE TAMELING

LAWRENCE BEN URBANSKI

*In Marketing*

DONALD JOSEPH BOBIS  
 DANIEL TODD COYNE  
 FRANCIS ANTHONY DASSO, JR.  
 WILFRED JOHN HICKEY, Honors with  
 Distinction in Marketing  
 GARRETT JAMES KROLL  
 DAVID JOHN KRUSWICKI  
 DENNIS JAMES LAWLOR

ROBERT ALBERT LEHMAN  
 FRANK STEVEN LOVISA  
 EDWARD JOSEPH MELODY  
 WILLIAM J. PIOTROWSKI  
 DAVID ROBERT SHAPIRO, Honors with  
 Distinction in Marketing  
 HUGH EDWARD THOMPSON, JR.

*In Quantitative Methods*

JAMES STANLEY NOWIK

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

ANNE BOZYK, Honors  
 BARBARA BERGER BURKHARDT  
 HELENE SUE HARRIS  
 REVA HEICHMAN  
 ADELAIDE CARLSON HUBBARD  
 BARBARA JO BERRY KIESZKOWSKI

CAROL VICTORIA KOSCINSKI  
 SALLY BOURDEAU ROBERTS  
 DARLENE KANTER ROSTOW  
 DOROTHY LYNN SANTOS, Honors  
 PAMELA LYNN SIMONS, Honors

**COLLEGE OF ENGINEERING****Degree of Bachelor of Science***In Applied Mechanics*

WILLIAM EDWARD DILLON

*In Applied Physics*

RONALD EDWARD CHAPPELOW

*In Mechanical Analysis and Design*

GEORGE WILLIAM FOYO  
 ROBERT FRANCIS POROD

JAMES FRANCIS ZAHNEN

*In Metallurgy*

DOUGLAS ALBERT LOCY

BRUCE JOSEPH ZABRANSKY, Honors

*In Operations Research*

MICHAEL EDWARD BERESKIN

*In Systems Analysis*

NICHOLAS JERMIHOV

VYTO PETER KAZLAUSKAS

*In Thermal Science*

ERMENEGILDO DI IORIO

HENRY MICHAEL DOMANUS

**COLLEGE OF LIBERAL ARTS AND SCIENCES****Degree of Bachelor of Arts***In the Administration of Criminal Justice*

MICHAEL CAVELLO, JR.

*In Liberal Arts and Sciences*

ALAN JACK ANDERSON  
 CAROL JANICE ANDERSON  
 SYMA ROSE ATLAS  
 RONALD DEAN BABB  
 EDITA GUSTY BACAL  
 PHILLIP G. BAUGHER  
 NENA GAINES BECKLEY  
 WILLIAM JAMES BENNETT  
 JOHN BENZIGER

PAUL JOHN BETTENDORF, Honors in Lib-  
 eral Arts and Sciences  
 ELYSE JACQUELINE BLOOM, Honors in  
 Liberal Arts and Sciences with  
 High Distinction in English  
 CAROL LYNN BOLAND  
 CORNELIA CAROLINE BROMBOZ  
 GARY BRUCE BUSLIK  
 CHRISTINE JULLIE CHENTES

DENNIS GEORGE DANIELS  
 GREGORY DANIELS  
 EDWARD ROMAN DAROSZEWSKI, Honors  
   in Liberal Arts and Sciences  
 DAVID ARLEN DUNLOP  
 DONNA MARIE EHLERS  
 STEN IVAR EKSTROM  
 WILLIAM LAWRENCE ELSEY  
 SANDRA MAE FERGUS  
 SALLY M. FLANZER, Honors in Liberal  
   Arts and Sciences  
 JULIAN JOSEPH FONFERKO, Honors in  
   Liberal Arts and Sciences  
 LINNEA ALEXANDRA FORSBERG, Honors  
   in Liberal Arts and Sciences  
 BARBARA JANE FRANZ, Honors in Lib-  
   eral Arts and Sciences  
 LUCILLE BUFFUM FRIED, Honors in Lib-  
   eral Arts and Sciences  
 DIANNE GABRIEL  
 EMMETT FRANCIS GLEESON, Honors in  
   Liberal Arts and Sciences  
 RONALD EDWARD GOTTSCHALK  
 CORRINE PODLESACK GRICHNIK  
 JEFFREY PAUL GRIMES  
 KENNETH GURBER  
 ROBYN GOULD GUTTERMAN, Honors in  
   Liberal Arts and Sciences  
 JANE EDGREN GWIZDALA  
 RICHARD MICHAEL HARRIS  
 ALETA HENEK  
 THEODORE HIONIS  
 KENNETH EDWARD HIRDLER  
 CHRISTINE BARBARA JANCZAK, Honors  
   in Liberal Arts and Sciences  
 DANIEL GEORGE JOHNSON  
 RUTA MARIA JONYNAS, Honors in Lib-  
   eral Arts and Sciences  
 BARBARA MARY KEHOE  
 DONALD JAMES KELLY  
 JANE ANN KERR  
 ENID ANN KERSTEIN  
 KAREN ANN KOBUSCH, Honors in Lib-  
   eral Arts and Sciences  
 KAREN NAOMI KORMAN  
 MARGARET MARY KURPIESKI  
 RICHARD JOHN KURTH  
 JANE LAGEN, Honors in Liberal Arts  
   and Sciences

*In the Teaching of English*

ROBIN GAYLE ANDERSON, Honors in  
   Liberal Arts and Sciences  
 SHARON RAE BENDER  
 JOYCE HARRIET BRAND  
 MARJORIE GREEN BURR  
 SUSAN SAIR EISENBERG  
 DONNA YOST KOCZOR  
 BARBARA ELLEN LASSER, Honors in Lib-  
   eral Arts and Sciences

*In the Teaching of French*

ANDREW L. KONDICH, Honors in Lib-  
   eral Arts and Sciences with Dis-  
   tinction in French

CLAIRE MARCIA LEMPERT  
 EILEEN IRIS LEVINE, Honors in Liberal  
   Arts and Sciences  
 DAVID MAURICE LEVY  
 WILLIAM GARY LINDNER  
 DONALD WALTER MADEJ  
 JAMES BARRY MCCALL  
 INGRID MCGOVERN  
 EILEEN SHERRI MERMELSTEIN  
 NILI OLECH MIRANDE  
 CONSTANCE LORRAINE MOOTRY  
 ALANA KATHLEEN MOSS, Honors in  
   Liberal Arts and Sciences  
 JOAN IRENE NOREK  
 MARTIN LEONARD OSMUNDSEN  
 THOMAS GEORGE PASSARELLI  
 ROSA LEE PLEDGER  
 JUDITH MALOFF PRICE  
 STEVE FRED PURNELL  
 RONALD PHILLIP QUINN  
 BARBARA CHRISTINE RAYMAN  
 SHIRLEY IRENE ROSS  
 JAMES FRANCIS SAJDAK  
 SUSAN LAWSON SALSBURG  
 DONALD LOUIS SANTACATERINA  
 DAVID LEE SCHEIN  
 ROLAND PAUL SCHROEDER  
 HOWARD SHAPIRO  
 WILLIAM JOHN SHEEHAN  
 DARREL WILLIAM SIMMONS  
 JAMES RAY SMITH  
 MARIE WESTBROOK SMITH  
 GERALDINE LYNN STABOSZ  
 DOROTHY BORUCKI STANEK  
 LISA STEINHAUER  
 ANTHONY AZUOIAS STELMOKAS  
 MARTIN MICHAEL TUMAS  
 LYNDA LORRAYNE WASKO  
 ROBERT HENRY WEIMAR  
 NORMAN HAROLD WEXLER  
 NANCY VICTORIA WOJCIK  
 HENRY BENJAMIN WOLFSON  
 SHERWIN ZABAN  
 ALDONA JULIA ZAILSKAS  
 AVIV ZALCBERG  
 LOUIS ZALUTSKY  
 JEFFREY LEE ZIEGLER

JUDITH MARY LEJECK, Honors in Lib-  
   eral Arts and Sciences  
 ELIZABETH CAROL MONK  
 NANCY MARIE ROWINSKI  
 MAUREEN CONLEY SMAR  
 LORRAINE NANCY SPINELLO, Honors in  
   Liberal Arts and Sciences

DIANNE DUPRE RANGL  
 DONNA MARIA SIMMONS

*In the Teaching of History*

DOLORES GARGARO	ELLEN SILVERSTEIN
DENISE JAMES GILLESPIE	DENNIS VICTOR WOZNIAK
FREDERICK KLAUS	SUSAN KAYE ZOLOTO
SHARON LYNN PRAGER	

JOANN MARGARET RAPP, Honors in  
Liberal Arts and Sciences

*In the Teaching of Political Science*

FRANK ANTHONY VAZZANA

*In the Teaching of Sociology*

SANDRA VERONICA DUNNE

*In the Teaching of Spanish*

PHILIP DOMINGUEZ	LOUISE MARIE HAJEK, Honors in Lib-
IRENE GOMULKA, Honors in Liberal	eral Arts and Sciences
Arts and Sciences	ARMELINDA LANDEROS

**Degree of Bachelor of Science***In Chemistry*DOROTHY CLOVE BARRON, Honors in  
Liberal Arts and Sciences with Dis-  
tinction in the Curriculum*In Liberal Arts and Sciences*

JOHN LEO BANKEL	PERRY MANABU MIYAKE
VERA BILANOW	LOUIS ALBERT MUZIK, Honors in Lib-
JOY ANN BRACHMAN	eral Arts and Sciences
RALPH VICTOR CABIN, Honors in Lib-	RICHARD RAND NEUMAN
eral Arts and Sciences	NANCY TRUDY OLSON
JOHN HARMON CARSON, JR.	DAVID LEE PALOCHKO
JAMES BRYANT COX, Honors in Liberal	HOWARD LEE PLENN
Arts and Sciences	JERRY SCHWARTZ
RITA DOBILAITIS	ALAN DONALD SHEALL
HELGA HERTA ENDRUKAT	GREGORY MICHAEL THOMAS
MICHAEL EDWARD GOLDMAN	THOMAS ALLAN WHITE
HOWARD ALLAN KAHN	THOMAS O. WINFIELD
GERRY CONRAD KOCH	DIANNE NEUSTADTER ZUMSTEIN, Hon-
BARBARA JEAN MCKENNA	ors in Liberal Arts and Sciences

*In Physics*

WILLIAM PENN WOOD

*In The Teaching of Biological Sciences*

JOYCE LAVERNE REED

*In the Teaching of Mathematics*

HELENE BOYER, Honors in Liberal Arts	ANNAMARIE PIZZELLO
and Sciences	LORRAINE AGNES SCYGIEL
SHIRLEY ERISMAN MORRIS, Honors in	PHYLLIS GAYLE SILVERMAN
Liberal Arts and Sciences with Dis-	ROGER EDWIN YOSHINARI, Honors in
tinction in Mathematics	Liberal Arts and Sciences
DAVID THEODORE OSBORN, Honors in	
Liberal Arts and Sciences	

*Degrees Conferred March 24, 1969***GRADUATE COLLEGE****Degree of Master of Arts***In English*

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



*In Management*

KENNETH ROBERT ALLIKIAN  
LARRY DEAN AZUSE  
KENNETH ROBERT BERG  
DANIEL ALAN BRESSLER  
ANTHONY DONALD LEWANDOWSKI

JOHN MICHAEL NANGLE  
MIGUEL SEGUNDO RUIZ  
TIMOTHY CHARLES SACK  
ROBERT JOSEPH STAN

*In Marketing*

TILDEN ELROY BICHOWSKY  
BRIAN LEE CANN  
EDWARD DONALD ECHT  
DAVID RAYMOND JANOSZ  
MARTIN FREDRICK LEWALD, JR.  
GARY NEIL MADSEN

ROBERT EARLE MELBYE, Honors with  
Distinction in Marketing  
STUART ALLEN NUDELMAN  
ALLAN JOEL ROHR  
ROBERT HARRY WATRY

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

LAURA STEVENS BALSON  
PATRICIA ANN BITOWT, Honors  
KAREN MARIE BOYSEN, Honors  
CHERYL SUE CANTOR, Honors  
SHERRY JUDITH COHEN, Honors  
LINDA MARIE KISTINGER  
LOIS ANN LARSON, Honors  
MARY LINDA LEONARDO  
SANDRA ARLENE LEVIN  
MARLENE JACQUALINE LIEDER  
SHERI LYNN MARK, Honors  
KATHLEEN ANN MILES  
GOLDIE TOBEY MORTKOWICZ, Honors

RITA MARIE PEKARA  
MARLETTE RAE PESOCK  
SHARON ANN DZIEDZIC PETSCHINSKY  
MARYANN ROSE PHILLIPS, Honors  
JANICE JANKIS PIERHAL, Honors  
RITA MARY RAMBERT  
CATHERINE ANNA RILEY, Honors  
ELLEN JOAN SCHKLAIR, Honors  
FAITH PHYLLISS SHEAR, Honors  
SHARON ALEDA SILVER, Honors  
BARBARA SHARON SILVERBERG, Honors  
DARCIE ARLANA SMITH, Honors  
ELLEN JANIS SOKOLL, Honors

**Degree of Bachelor of Science***In Physical Education*

SHARON KAY EDDY  
RICHARD WILLIAM FRUHWIRTH

CHRISTINE VICTORIA PAVELEC

**COLLEGE OF ENGINEERING****Degree of Bachelor of Science***In Aerospace Science*

JACK GEORGE DEMES  
RICHARD NEIL ELLISON  
THOMAS GREGORY FUNK

DENNIS RAY RUTH  
JEFFREY BRUCE WINKEL

*In Applied Physics*

RICHARD WALTER SEVCIK, Highest  
Honors

*In Communications Engineering*

CHARLES ALLEN FEUCHT, Honors  
RICHARD LEONARD GUTOSKI  
KEVIN JOHN O'CONNELL

MOHAMMED FAYEK SHEIKH SALEM  
NICKOLAS TRAVLOS

*In Mechanical Analysis and Design*

JOHN GEORGE BALAFOUTIS  
FRED ELIHU BROSTOFF  
RONALD MILES JOHNSON  
PETER STEVEN KOPALA

JAMES HARRY LA CHAPELLE  
GRAEME EUGENE LAMIS  
ANTHONY JOHN LIBRANT  
KENNETH RAYMOND LUEDTKE



*In Operations Research*

EDWARD AUGUST FRANZ

*In Structural Design*RICHARD JOHN BIELOWICZ  
MICHAEL WAYNE DEYONGTHOMAS JOSEPH LITKA  
CARL ALLEN PETERSON*In Structural Mechanics*

LESLIE GENE ADDUCI

*In Systems Analysis*DONALD WILLIAM BENZIGER  
FRANK JOSEPH GRECO  
EHSAN HAJJARWAYNE ALAN STEELE  
WILLIAM TAMKEVIC*In Thermal Science*

WILLIAM FRANK BISLEY

RONALD FRANK PATTERSON

## COLLEGE OF LIBERAL ARTS AND SCIENCES

## Degree of Bachelor of Arts

*In The Administration of Criminal Justice*

CHARLES JUAN DULAY

*In Liberal Arts and Sciences*

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

STEVEN GOLDFINE  
 MURRAY ASHLEY GORCHOW, Honors in  
   Liberal Arts and Sciences with  
   High Distinction in Political Sci-  
   ence  
 RUTH CLAIRE GOSTOMELSKY  
 SIDNEY MICHAEL GRAPEY  
 JOHN JAY GREENSLADE  
 PRUDENCE FREYFOGLE GREIDER  
 ORIMAR GUERRA  
 NANCY JERZ HENDERSON  
 LAWRENCE LEON HICKS  
 ELLEN LYNN HOFFING  
 KAREN SUZANNE HOFFSTADTER  
 EDWARD MICHAEL HOSKINS  
 RICHARD VINCENT HOUGH  
 EUGENIA MARY HUCULAK  
 DANIEL KAHN  
 JANET IDA KALANT  
 KERMA TRAIN KAMEN, Honors in Lib-  
   eral Arts and Sciences  
 STEPHANY KIRYLUK  
 WALTER JOSEPH KLEMBE  
 CAROL ANN LESLIE  
 CHRISTER BJORN LONNROTH  
 MARILYN ELIZABETH LOTT  
 JACQUELINE VIOLET LOWE  
 WILLIAM LEONARD MARTENS  
 MICHAEL STEPHAN MATYASEC  
 KATHLEEN LOUISE MCENTEE  
 JAMES IGNATIUS MCGOVERN, Honors in  
   Liberal Arts and Sciences  
 SUSAN IRIS MITCHELL  
 GAYLE ELIZABETH MOMENY  
 KATHRYN ANN MORIMITSU  
 LINDA LUCILLE MORRELL, Honors in  
   Liberal Arts and Sciences  
 ELAINE HARUMI NAKA  
 RONALD JOSEPH NEMCHAUSKY  
 JAMES PATRICK NEWCOMB  
 ALLAN DOUGLAS NEWDELMAN

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

DOROTHY FRANCES SOLAK, Honors in  
 Liberal Arts and Sciences with  
 Distinction in History  
 BRUCE DONALD SPIVACK  
 BARBARA PATRICIA STARY  
 SUSAN THERESA STECHNIJ  
 ROBIN MILTON STERN  
 JERRY MARTIN SULLIVAN  
 GERALD SZESKO  
 JOHN ROBERT TAMBURRINO, Honors in  
 Liberal Arts and Sciences with Dis-  
 tinction in Geography  
 MARY ANN WALSH  
 RICHARD V. WANTUCHOWICZ  
 DAVID CHARLES WARNER  
 SUSAN ELLEN WEINER  
 ELLEN LAMB WHIPPLE, Honors in Lib-  
 eral Arts and Sciences with Dis-  
 tinction in English  
 ROBERT ALLEN WHITEBLOOM, Honors in  
 Liberal Arts and Sciences  
 LAWRENCE ALAN WITTERT  
 CARL RAY WOOD, Honors in Liberal  
 Arts and Sciences with Distinction  
 in Geography  
 RALPH XIMENEZ-CARRILLO, Honors in  
 Liberal Arts and Sciences with Dis-  
 tinction in French  
 JANE ZAKRZEWSKI, Honors in Liberal  
 Arts and Sciences  
 HENRY DAVID ZAZRA  
 GEORGE FRANCIS ZIEMIALKOWSKI  
 JOSEPH GUY ZOLINAS  
 LETITIA MELANIE ZYDEL

*In Teaching of English*

DONNA BENOS BREEN  
 JULIE ANN DANIELS  
 OLGA EVANGELINE DOGAN  
 ROBERTA RUBIN EDELSON  
 ARLENE RACHEL FREIDIN  
 MARIHELEN FRANCES GRASHOFF, Honors  
 in Liberal Arts and Sciences  
 GAIL ELENBOGEN HELFGOT  
 MARY ANNE KISHKUNAS  
 MARY ANN KRAUS, Honors in Liberal  
 Arts and Sciences

NANCY SHAPIRO LEWIS  
 JANE MARIE MCCORMICK, Honors in  
 Liberal Arts and Sciences  
 ETHEL BIBLE MULLIN, Honors in Lib-  
 eral Arts and Sciences  
 JOYCE MAYER NANESTA  
 SUSAN OLIVA SEIDEL, Honors in Lib-  
 eral Arts and Sciences  
 CLAUDIA RUTH SMITH  
 ANDREA RENEE SPERLING  
 JOSEPHINE THERESA VAUGHN

*In the Teaching of French*

GEORGIA ANN FRONCEK, Honors in Lib-  
 eral Arts and Sciences  
 JERRILEE JUNE MICHALAK

ANDREA MILSTEIN, Honors in Liberal  
 Arts and Sciences  
 MARLENE MUSKET ROTTER

*In the Teaching of History*

ROBERT MICHAEL KNOROVSKY

*In the Teaching of Sociology*

SHARON GOLTZ ROSEN, Honors in Lib-  
 eral Arts and Sciences

*In the Teaching of Spanish*

SUSAN L. AGUILERA  
 ARLETTA CORREA, Honors in Liberal  
 Arts and Sciences

CASSANDRA ANN TAMBURRINO

*In the Teaching of Speech*

GENELLE BLOMQUIST

**Degree of Bachelor of Science***In Liberal Arts and Sciences*

GEORGE JOHN APOSTOLOPOULOS  
 LANTZ EDWARD ARNELL  
 TRUDY DUNAWAY BROWN, Honors in  
 Liberal Arts and Sciences with  
 Distinction in Psychology  
 VANDERHYTE DENNIS CRAIG  
 JEAN ELLA CRAINE, Honors in Liberal  
 Arts and Sciences  
 SHEILA ELLEN GOLDMAN, Honors in  
 Liberal Arts and Sciences with Dis-  
 tinction in Mathematics  
 MILETT PETER KEDYS  
 THOMAS ALPHONSE KRIZ, Honors in  
 Liberal Arts and Sciences

VINCENT PETER LAZZAROTTO  
 JAMES PAWLOWSKI  
 JOHN WILLIAM SAGE, Honors in Lib-  
 eral Arts and Sciences  
 SEYMOUR IRVING SCHLAGER  
 CAROL ANNE SHERMAN  
 ROXOLANA SOFIA SKROBACH  
 ANTHONY CATENO STAGNO  
 GABRIELE DALIA VALATKAITIS, Honors  
 in Liberal Arts and Sciences with  
 Distinction in Psychology  
 MICHAEL S. ZOLNO

*In Physics*

JOHN HENRY BIEDRON  
 RONALD FRED ELSNER, Honors in Lib-  
 eral Arts and Sciences with High-  
 est Distinction in the Curriculum  
 WILLIAM JOHNSEN

RAYMOND ALLEN MAGROW  
 WILLIAM ALBERT ORANCE, Honors in  
 Liberal Arts and Sciences  
 LAWRENCE ALAN ZEMKE

*In the Teaching of Biological Sciences*

BARBARA LOUISE ROMANI

HAZEL BILLUPS STEWARD

*In the Teaching of Chemistry*

VICTOR HALKYN, Honors in Liberal  
 Arts and Sciences

*In the Teaching of Geography*

LORETTA JEAN POE

*In the Teaching of Mathematics*

NAOMI BREITOWICH  
 SUSAN ESTES, Honors in Liberal Arts  
 and Sciences with Distinction in  
 Mathematics  
 ROBERTA JEANNE KEATING  
 GEORGE DAVID KNOLL  
 PATRICIA LYONS LUBAS

LUCILLE ANNE PHILLIP, Honors in Lib-  
 eral Arts and Sciences  
 MARGARET MARY STRASSER, Honors in  
 Liberal Arts and Sciences  
 CAROL ANN WALKER, Honors in Liberal  
 Arts and Sciences

*Degrees Conferred June 15, 1969***HONORARY DEGREE****Degree of Doctor of Humane Letters**

HELEN HAYES MACARTHUR

**GRADUATE COLLEGE****Degree of Master of Arts***In English*

FRANKLIN DEAN BROOKS, A.B., 1967  
 JAMES NOVOTNY, A.B., 1965  
 HELEN PAPPAS, A.B., 1967  
 ANNE ELSIE REAGAN, A.B., 1967  
 JUDITH GUTTENBERG ROSENBERG, A.B., 1967  
 JEAN CECILE WEISSMAN, B.A., 1967

*In German*

ERIKA BAUER TOON, A.B., 1967

*In History*

JEWELL KIRCHNER GREGORY, B.A., University of Pennsylvania, 1955

SHERRY MERLE JOSEPH, A.B., 1966

DONALD RALPH KENYON, B.A., Southern Illinois University, 1963

DORIS DOHRMANN RACICH, A.B., 1968

ROBERT MICHAEL SCHREMPF, A.B., 1967

*In Mathematics*

ANN HARNSBERGER, B.A., University of Boston, 1962

*In Philosophy*

ELIZABETH STRACHAN CARPENTER, B.A., Randolph-Macon Women's College, 1966

**Degree of Master of Science***In Biological Sciences*

SHEILA DELFELD BRACK, B.A., Baylor University, 1961

GAR WILLIAM ROTHWELL, B.A., Central Washington State College, 1966

*In Chemistry*

BETTY CHUA ANG SIOK BI, B.S., University of Santo Tomas, 1967

DAVID EDWARD AYLWARD, B.A., Brown University, 1965

PHILLIP JOHN DECHRISTOPHER, B.S., 1967

SANG U. KIM, B.S., La Sierra College, 1961; M.S., Texas A &amp; M University, 1965

ALBERTO MAGIN MARTINEZ, B.S., 1967

STANLEY MERCHANT, B.S., Tougaloo College, 1966

LORAIN PRICE NICHOLLS, B.S., Monmouth College, 1950

JAMES THEODORE PRZYBYTEK, B.S., 1967

*In Mathematics*

WILLIAM ADAMS, B.S., 1967

SUSAN GARFIELD DRESNER, B.S., 1968

ARTHUR GERALD OSTER, B.S., 1967

THOMAS WINFIELD, B.S., 1968

*In Mechanics and Materials*

SUK WHA CHUNG, B.S., Chung Ku College, 1960; M.S., Graduate School Seoul National University, 1967

JAW SHYONG LAN, B.S., Feng Chia College of Engineering and Business, 1965

WILLIAM TZE-CHUAN LI, B.S., Chung Yuan Christian College of Science and Engineering, 1966

STEVEN ILIJA NEDELJKOVIC, University of Belgrade

FROMY ROSENBERG, B.S., 1968

*In Physics*

SUSHIL KUMAR AGARWAL, B.S., Bareilly College, 1963; M.S., 1965

THOMAS ROBERT BANACH, B.S., 1967

LEONARD MICHAEL DEBALL, B.S., 1966

CURT HOFER, B.S., Illinois Institute of Technology, 1966

HAROLD PORTER MASON, B.S., Roosevelt University, 1964

JAGANNATH RATH, B.Sc., Utkal University, 1964; M.Sc., University of Delhi, 1967

**COLLEGE OF ARCHITECTURE AND ART****Degree of Bachelor of Architecture***In Building Technology*

KENNETH WAYNE BLOCK

RONALD JOSEPH BUTNIK

THEODORE LOUIS COMMONS

JOSEPH DETUNO

WILLIAM EDWARD HICKS, JR.

SEYMOUR JOSEPH LEVY

FRED JOSEPH ROMANO, JR.

*In Design*

NANCY ANN ABSHIRE  
CHRISTOPHER FRANCIS CIRINCIONE  
WILLIAM ROBERT GREEN  
JOHN CHARLES HILL  
JOHN DAVID HILTSCHER, High Honors  
JOHN ROY LESNIAK  
PER YNGVE LUNDGREN  
GERALD JOSEPH McDONNELL, JR.  
KIMIO NAGASAWA  
JOHN HENRY NELSON

BRIAN JOSEPH O'CONNOR  
ALLEN THEODORE OLSEN  
GLORIA ROSEANN OSKVAREK, Honors  
THADDEUS ADAM PACYNIAC  
ANTHONY FUJIO SAIFUKU  
GORDON CHRISTIAN SORENSEN  
JOHN JOSEPH TOMASSI  
WILLIAM EFSTATHIOS TOULOUMIS  
EDWARD KEITH UHLIR

*In Humanities*

KEITH ALLEN NULL

CLARENCE HENRY WUMMEL

*In Structures*

KENNETH ROBERT AUER, Honors  
JAMES CARL DESALVO  
DANIEL ANTHONY GRAFITTI  
WILLIAM JOSEPH KACZMARCZYK, Hon-  
ors

MICHAEL GEORGE SAMUCHIN, High  
Honors  
RONALD HERBERT SCHON, Honors

**Degree of Bachelor of Arts***In Design*

CAROL MAY BROWNFIELD  
PAUL DAVID CHAPMAN  
MARY LAURETTE CORRADO, Honors  
TERRANCE EARL HINRICHES  
JEAN EMILY JAFFE  
JOHN RANDALL KABOT  
CLAUDIA RACHE MAHERAS  
RICHARD GERALD MARKS  
LYNETTE SUSAN MILLER, High Honors

JAMES EDWARD MULROYAN  
MARIANNE THERESE OHER  
CATHERINE FRANCES ORLANDO  
SANDRA SZYMANSKI PAZANIN  
STEVEN PAUL RUTIEZER, High Honors  
SHIRLEY ANN STRYZY  
ROBERT FRANCIS VANNINI  
DANIEL ANTHONY WAITKUS  
MARY STELLA ZOGAS

*In the History of Architecture and Art*

KATHLEEN ANNE ATHERTON  
BETSEY BURDITT BLESSING  
CHRISTINE MARIE LESZCZYNSKI, Honors

ROGER DWAIN PARIS  
DIANE JOSEPHINE RADYCKI

*In Plastic and Graphic Arts*

MARY ALICE BUNYARD  
PAUL JAMES CLINKUNBROOMER  
KAREN VICKI EPSTEIN  
ERIN JAMES FLYNN  
ROBERT JOEL FREEMOND, Honors  
THOMAS HANS HEXDALL, High Honors

LINDA KAY JANEFF  
SHIRLEY ANN KLIZICKI  
ANGELA MARIA KNETSCHKE  
NANCY BRABENDER MARTELL, Highest  
Honors  
CAROL JANE ROTH

**COLLEGE OF BUSINESS ADMINISTRATION****Degree of Bachelor of Science***In Accounting*

JOHN WILLIAM BACKSTROM, Honors  
with High Distinction in Account-  
ing  
MARSHALL JAMES BOELTER  
MICHAEL A. BORTZ  
ROBERT PATRICK BUSS  
MARION JOHN CELMER  
THOMAS MICHAEL CUSACK  
ANGELO CUSINATO  
MARK WILLIAM DIRSMITH, Honors  
with Distinction in Accounting

ROGER ANTHONY FRANZAK  
JAMES ANDREW FRIEL  
ROBERT CYRILLE GENDRON  
PAUL ELLIOT JEZEK  
THOMAS ALLAN KORMAN, Honors with  
Distinction in Accounting  
JOSEPH PAUL MERLE, Honors with Dis-  
tinction in Accounting  
RONALD THOMAS MITORI  
JUDY ANN MROCZKA  
LOUIS HENRY NEMETZ

JOYCE VERONICA PALUCH, Honors with  
High Distinction in Accounting  
ALLAN JOHN ROSINSKI  
MICHAEL SCHNAUFER  
DONALD JAY SCHWARTZ, Honors with  
Distinction in Accounting

ALONZO WALTER SNOW  
RALPH THOMPSON  
PAUL BRUNO WARDA  
JAMES MICHAEL WIRTZ  
ROBERT EDWARD WITTWER, Honors  
with Distinction in Accounting

#### *In Economics*

JOHN COZZONE  
THOMAS LEONARD FOLEY, Honors with  
Distinction in Economics  
JOHN FREDERIC KAUTS, Honors with  
Distinction in Economics  
MORRIS LIEBERFELD  
HAROLD NATHAN LONDON

ALBERT FRANCIS MAJERES, Honors with  
Distinction in Economics  
DENNIS LEE MORRELL, Honors with  
Distinction in Economics  
RAYMOND JOHN URBAN, Honors with  
Distinction in Economics  
RUDOLPH OTTO WULF

#### *In Finance*

GARY JOHN BENSCHIP  
SHELDON BERNSTEIN  
GERALD ALBERT BRUMM  
JAMES PATRICK CALABRESE  
MICHAEL ALLEN CLAY  
JOEL GOLDMAN, Honors with Distinction  
in Finance  
GUY IRWIN HAUPIN  
ROBERT MICHAEL HORAK  
JOHN MARKL  
RUBEN FERNANDEZ MEDINA  
LAWRENCE MERMELSTEIN  
WILLIAM HENRY OBERG  
GEORGE JOSEPH PODRASKY, Honors with  
Highest Distinction in Finance

JAMES JOHN SALAMONSKI  
TERRY ALAN SALTE  
RONALD ALEXANDER SAMUEL, Honors  
with High Distinction in Finance  
PHILIP JAY SCHNEIDER, Honors with  
Distinction in Finance  
WILLIAM LEONARD SLORAHN  
RICHARD ALLAN SMITH  
RICHARD ALAN SOUKUP  
FRANK DANIEL JEAN SPANNRAFT  
GENE NELSON STUART  
DALE EDWARD TILLMAN  
EDWARD LAWRENCE WALDEN

#### *In Management*

BURTON JAY ABRAMS  
ROBERT GERALD BANASZAK  
WILLIAM RANDAL BAUDIN, Honors with  
Distinction in Management  
JOHN PETER BENANDE  
VIRGINIA LEE BIVENS  
RONALD TERRY BOWYER  
BRADLEY WALLACE BRENNAN  
ALBIN CHARLES BURKMAN  
GERALD JOHN BYRNE, Honors with Dis-  
tinction in Management  
JOHN CHARLES CZARNECKI  
LAWRENCE FRANCIS DEMSKI  
RONALD EDWARD DODGE  
ABDEL HAMID EL-BARBARAWI  
TERRENCE ALAN FIDDELKE  
RICHARD HAROLD FIMOFF

RONALD HOWARD FRIEDMAN  
CASIMIER WALTER GAIK  
RICHARD PETER GALANT  
GARRET EDWARD GORNIK, Honors with  
Distinction in Management  
ELAINE MARGARET HOHMEIER, Honors  
KURT PETER KLEIN  
THOMAS BERNARD LINDGREN, Honors  
with Distinction in Management  
JOHN ANTHONY MAZZEFFI  
RALPH ERIK NYMAN  
PAUL RICHARD PIER  
JAMES JOSEPH POWERS  
JOHN RANGEL  
DANIEL CHESTER ROJEK  
THOMAS HOWARD STATEMAN

#### *In Marketing*

RICHARD WAYNE ANDERSEN  
SUSAN YUD ANDERSON, Honors with  
High Distinction in Marketing  
ALAN ARTHUR BAER  
KATHLEEN KMEC CARR, Honors with  
Distinction in Marketing  
DENNIS EDWARD CLOUD  
JAMES FRANCIS DE FRANCISCO  
WILLIAM HAUSER  
DEAN MICHAEL KELSEY

BERNARD JOHN KORZYNIEWSKI  
PHILIP ANTHONY LANZARATTA  
ROBERT JAMES O'NEIL  
STEVE PATSONES  
ALBERT CHARLES PODLESNICK  
KENNETH WAYNE POORTINGA  
EUGENE RAYMOND ROMAN  
ROBERT JOSEPH SCHOENBECK  
YOGESH KUMAR SRIVASTAVA  
DIANE JEAN TORTI

WAYNE KASMER TRUSCO  
DONALD CURTIS UNDERWOOD  
DENNIS ALLEN VALENTINI

THOMAS MARTIN VALENZO  
RICHARD LOUIS WITKOWSKI  
BARRY LEON WOLFE

*In Quantitative Methods*

LAWRENCE JAY CITRON  
CHARLENE DIANE SAWICKI, Honors  
CHERYL DENISE SAWICKI

GAY DOREEN SERWAY, Honors with  
High Distinction in Quantitative  
Methods  
KENNETH THOMAS URBASZEWSKI

**COLLEGE OF EDUCATION**

**Degree of Bachelor of Arts**

*In Elementary Education*

ETHEL ARGIRION, Honors  
MICHELE ANNE BALDACCI  
SHARON JEAN BENTIVEGNA, Honors  
CAROL ROBERTA BOROWIAK  
SHERRY RUTH BROWN  
MARGARET ROSE CLARK, Honors  
CAROLYN EMMA DEGRADO, Honors  
BARBARA ANNE DOYLE, Honors  
CAMELLIA GAJDA DUDEK  
DONNA MARIE DULLER  
CAROL ANN FISCELLA  
LINDA RAE FELDMAN, Honors  
ROBERTA ELLEN FOX  
LINDA JOAN FUTTERMAN, Honors  
JANICE CAROLE GABINER  
JANICE CONRAD GERSTNER, Honors  
ILENE SYBIL GLASS, Honors  
CHERYL HELENE GOLDBERG  
GAIL ANN HAMILTON, Honors  
LINDA CAROLE HANSEN, Honors  
RITA LYNN ISENBERG, Honors  
KATHLEEN ANN KALCHBRENNER, Hon-  
ors  
LINDA MARIE KARTMAN  
MAGDALEN MARY KASHUBA, Honors  
ELLEN LYNEE KATZ, Honors  
ANDREA LOUISE KLISE  
SUSAN ANN KORPAK  
MICHAELNE JUDITH KRAWCZYK  
CHERI JANE KUSCZYNSKI  
CAROL FRANCINE KWALWASER, Honors

ROSALYN HASS LAMPERT, Honors  
HELEN ANN LINKLATER, Honors  
SUSAN BODELL LUDWIG, Honors  
MARICLARE LYNCH  
JUNE ELAINE MARCUS, Honors  
PATRICIA DEMERISE MCNERNEY  
LINDA ANN NISENBAUM  
ARLENE JOY OLIET, Honors  
JUDITH ELLEN PENN, Honors  
JUDITH EVENE PRICE, Honors  
ELIZABETH ANN RADA, Honors  
PHYLLIS HASSELSON RINE  
DOLORES JASINSKI RIVERA  
JUDITH MANN ROSENBAUM, Honors  
FERN GLASSMAN ROSENBERG  
SUSAN RAE SAIDEL  
CONNIE JEAN SCHULLER  
PATRICIA JOANNE SCHUTTE, Honors  
JANET SCHWUCHOW  
KATHY JEAN SIEVERS, Honors  
DENISE SHARON SINGER  
SANDRA KAPLAN STRAUSS, Honors  
SANDRA LEE TODD  
JANET MARY WACHOWICZ  
MARY ELIZABETH WALSH  
MICHELLE MARINE WELIN, Honors  
CATHY BOUSK WILKIEL  
ZENOBIA RUTH WILLIAMS  
JACQUELINE JOYCE WNEK, Honors  
JANET HOPE ZIMET, Honors  
BARBARA ZUFAN

**Degree of Bachelor of Science**

*In Physical Education*

SAM NATHAN APPLEBAUM  
RONALD LAWRENCE BANION  
GORDON ALVIN BARNHILL  
BETTY LENA PETERSEN BARSANTI  
JAMES RICHARD BAUER  
FRANCES PAPPAS BENEKOS  
LOUELLA MARIE BLAINE, Honors  
ELLEN PATSY BOTEN, Honors  
JOSEPH JOHN CAMPEA  
CHARLES JAY CANTOR  
JEROME IRA COHEN  
NICHOLAS MICHAEL COMPTON  
CHARMAINE AGNES DEL RE  
DENNIS RICHARD GRABOWSKI  
LEONARD JOSEPH GRAMAROSSA

ROBERT ROY GRIZZI, Honors  
SHIRLEY HENDERSON PLEASANT  
JAMES EDWARD IZRAL  
JANICE MARIE JOZEFIAK  
PATRICIA ANN LUTZE  
BETTY ANN MAGNUSON, Honors  
JOANNE MARIE PEPE  
RONALD ALBIN PERSSON  
SUSAN JANE PETERS, Honors  
EFSTATHIOS ANGELO REGOPOULOS  
MICHAEL HARRY ROBINSON  
JUDY PATRICIA RUSTIK  
ROBERT RAYMOND RYLEY  
MARCIA LYNN SIKORA

## COLLEGE OF ENGINEERING

## Degree of Bachelor of Science

*In Aerospace Sciences*

PETER GEORGE BOLESTA

FRED MICHAEL LE VOY

DRAGAN JOHANN RADOSAVLJEVIC

LEONARD ERNEST SCHWER

WAYNE EARL SUNDE

*In Applied Mechanics*

OLIVER JOHN OLIVERO

*In Applied Physics*

SAULIUS MECISLOVAS JAMEIKIS

JOEL KRICHIVER, Honors

ROBERT ARTHUR SANDER

MICHAEL JAMES SAWYER

*In Bioengineering*

JOHN WILLIAM AHLEN, Honors

LOUIS DAVID RISH, Honors

SAMUEL MARVIN SHPONKA

*In Chemical Engineering*

NORMAN LESLIE HARMS

ARNOLD JASPER JOSEFSON

THOMAS ROBERT PUCKELWARTZ

*In Communications Engineering*

ROBERT FRANK BENDEICH

PETER BIANCALANA, High Honors

RICHARD SCOTT BICKHAM, Honors

MICHAEL JOHN BUDO, Honors

MARC BERNARD DENNISON, Honors

DANIEL LEON DERESINSKI

BRUCE JOSEPH DOMINGUEZ

CARL EDWARD FELTS, JR.

SCOTT JOHN GORGUS

LAWRENCE JOHN GROSSKOPF, High Honors

WILLIAM MICHAEL HALL

HENRY WILLIAM HANSCHKE

GERALD M. HIRKA

STANISLAV HOLAK

JOHN PAUL IGRAS

JUSTIN JOSEPH JUNKUS, Honors

HOWARD BARRY KAPLAN, Honors

LARRY WILLIAM KIRSCH, Highest Honors

EDWARD PETER KOSOWSKI, Honors

WALTER JOHN KOWALSKI

RONALD CHARLES KOZIEL

THOMAS A. MAYER

JEAN-MARIE MIDER

NIVA SIROUN OGHIGIAN, Honors

PANAGIOTIS PARTHENIS

WOLFGANG PAVLOK

JOHN BERTO PICCHIETTI, Honors

ARVIDS JURIS PLESOVS

SAM REISENFELD, High Honors

JAWDAT YOUSEF RIHANI

RONALD JOSEPH RYMUT

HOWARD RONALD SCHECHTER

ROBERT ALAN SOWADSKI, High Honors

STANLEY DANIEL STANKOS

DENNIS LEE STEPHENS, High Honors

CASIMIR FRANCIS SZCZEPANIAK, High Honors

WAYNE RALPH THOMAS, High Honors

MICHAEL TOM

MATTHEW STANLEY WENGIELNIK

*In Computer Science*

FRANK JOSEPH BOGACZ

JAMES EDWARD INNS

ALBERT KOON HUNG LAU

MICHAEL FREDERICK SEDLAR, Honors

MARTIN GERICK STRASEN

CHARLES BRUCE STREZO

*In Manufacturing Engineering*

WILLIAM DAVID BOBCO, JR.

*In Mechanical Analysis and Design*

JAMES CUMLEY BAXTER

JAMES FRANCIS BIELANSKI

WILLIAM ALLEN CRAELIUS

GEORGE ARTHUR GOEPPNER

ALAN LEE GROVE

MICHAEL LE ROY JORGENSEN

JOHN EDWARD KARLOVSKY

ROBERT JOHN MARTELLO

GEORGE MISCHENKO

CHARLES ALLEN STEINHAUER

CHARLES TOMCZAK

EDWARD CASSELL WAYMAN

*In Metallurgy*

ROBERT EDWARD LEMANSKI

HAROLD LLOYD MILLER

LAWRENCE JAMES PIONKE, High Honors

DAVID RICHARD PITCAIRN, Highest Honors

CHESTER WILLIAM STUDZINSKI



*In Operations Research*

HARRY LEE CARL  
JOHN FRANCIS MICATKA

LARRY FRANK SHANOK

*In Soil Engineering*

JOHN FRANCIS LATTYAK

*In Structural Design*

DANIEL VINCENT BLANK  
THOMAS FRANCIS GEISHECKER  
JOE FRANKLIN GOODNER  
BENJAMIN HO  
RICHARD THOMAS LANSU, High Honors  
ANTON GEORGE NAUNHEIMER

WAYNE ARNOLD RAUCH  
ALBERT TADEUSZ RENCZARSKI  
WILLIAM HENRY SANDERS  
CHRISTOPHER ROBERT SAUER  
ROBERT LADDIE SOKOL

*In Structural Mechanics*

FRANKLIN DENNIS GOHL  
ANTON FRANK KITZ

KERRY CHARLES MCKENNA

*In Systems Analysis*

WILLIAM JAMES HASS, Highest Honors  
CHARLES GERALD PACOUREK

ROBERT JOSEPH TRAUB  
EDWIN JOHN WYNARD

*In Thermal Sciences*

MATTHEW BARAN

*In Water and Air Resources*

JOSEPH MATTHEW BOKR III

*In Wave Propagation and Radiation*

RAYMOND ROBERT CHRISTIAN, High Honors  
LARRY JOHN FANCALSZKI  
ROBERT RONALD FUENTY  
TERRENCE THOMAS GANSER

ANTHONY ROBERT LEFKOW, Honors  
KLAUS EDWIN NITZ  
PETER RONALD PALERMO, High Honors  
BRUCE DEREK TRUMFIS, High Honors  
THOMAS DANIEL VILARDO

## COLLEGE OF LIBERAL ARTS AND SCIENCES

## Degree of Bachelor of Arts

*In the Administration of Criminal Justice*

PATRICIA BANKS  
JAMES EDWARD BOJAN, Honors in Liberal Arts and Sciences  
MARTHA JEAN CAPOCY, Honors in Liberal Arts and Sciences  
HARRY M. FISH  
GEORGE EDWARD GARVEY, Honors in Liberal Arts and Sciences

DENNIS HENRY GUNTHER  
RONALD LEW IDEN  
MARLINDA MATHEA JONDAHL  
ROBERT SIDNEY LUCE  
SHARON JOSEPHINE MAZUR  
ARLENE EDYTHE SILVERS

*In Liberal Arts and Sciences*

TONI ABRAMS, Honors in Liberal Arts and Sciences  
BRUCE ACKERMAN  
PAMELA LYNNE ADLAND, Honors in Liberal Arts and Sciences  
KERSTI AHVEN  
JUDITH LAMPMAN ALBERT, Honors in Liberal Arts and Sciences  
PETER ALEX ANDERSEN  
SANDRA THOMPSON ANDERSON  
SUSAN KAY ANDERSON, Honors in Liberal Arts and Sciences with Highest Distinction in English  
GALE PATRICIA ARDEN, Honors in Liberal Arts and Sciences

MAUREEN MYRA ARGENTAR, Honors in Liberal Arts and Sciences  
BERTHA ISABEL ARIAS  
GERALD DAVID BADAL  
RITA STALZER BAKOS  
SUSAN LOUISE BALDANZI  
JAMES MICHAEL BANNON  
RICHARD H. BARAN  
CHARLES STEPHAN BARGIEL  
MIRIAM BASCH, Honors in Liberal Arts and Sciences with Distinction in Spanish  
GORDON BRUCE BASS  
MAITE BATTINI  
BIRUTE STANISLAVA BAUBLYS

- MURIEL ARKLEY BAYLOR, Honors in Liberal Arts and Sciences with Distinction in Sociology  
 BARBARA KATHERINE BECK, Honors in Liberal Arts and Sciences  
 ANITA JEAN BECKERMAN  
 GERALD WILLIAM BECKWAY  
 KATHERINE MARIE BEDOE  
 JAMES THEODORE BENES, Honors in Liberal Arts and Sciences  
 DEBORAH ELIZABETH BENJAMIN  
 BENNETT TERRY BERKE  
 JOSEPH M. BERKSON, Honors in Liberal Arts and Sciences  
 CHARLES MORRIS BERNSTEIN  
 JUDITH THELEN BERWANGER  
 SANDRA THOREEN BIERMAN, Honors in Liberal Arts and Sciences  
 DENNIS MICHAEL BIETY  
 LYNN MARLOWE BILTON, Honors in Liberal Arts and Sciences  
 NANCY THERESE BINDER  
 ROSEMARY THERESE BLANCHFIELD  
 KATHARINA BLOCHER, Honors in Liberal Arts and Sciences  
 GERALD LEE BOLNICK  
 MARGARET JANE BOLT  
 LAWRENCE JOHN BOMMER, Honors in Liberal Arts and Sciences  
 JOYCE BROOKS BOUSON, Honors in Liberal Arts and Sciences  
 TURNLEY LEE BOYD, JR.  
 JOYCE JANE BRAITHWAITE, Honors in Liberal Arts and Sciences  
 KENNETH ERNEST BRANDIS, Honors in Liberal Arts and Sciences  
 EVAN DAVID BRANDSTADTER, Honors in Liberal Arts and Sciences  
 BARBARA JOY BRAUN, Honors in Liberal Arts and Sciences  
 CHARLES HERMAN BREADMAN  
 ALICE OCREY BRENT  
 CHARLES RAYMOND BROBST, Honors in Liberal Arts and Sciences  
 BERT RUSSELL BROCKWAY  
 DENNIS NORMAN BROSTROM  
 DOROTHY MAE BROWN  
 IRA LESLIE BROWN  
 MARY DENISE BUCHENOT  
 MARY SALLY BUCZKOWSKI, Honors in Liberal Arts and Sciences  
 LIUCIJA LIUDA BUTVYDAS  
 RONALD JAMES BUJAN  
 KENNETH HENRY BUKOWSKY  
 JOSEPH JAMES CALLAHAN  
 GWYNNE NELA CARLSON  
 RAY GORDON CARLSON, Honors in Liberal Arts and Sciences  
 SUSAN JANE CHALIFOUX  
 JUDD CHESLER, Honors in Liberal Arts and Sciences  
 JOAN HOULE CHESTERTON, Honors in Liberal Arts and Sciences  
 JUDITH ELLEN CHLEBEK  
 BENJAMIN CHOI  
 DONALD JOSEPH CIRULLO  
 CHRISTINE LUCILLE CLARK  
 LESLIE COHEN, Honors in Liberal Arts and Sciences  
 LARRY ROBERT COLLINGWOOD  
 ANN MARIE COLLINS  
 MARGARET MARY COLLINS  
 JOSEPH MICHAEL CONTE  
 GUY LAWRENCE COOK  
 LOUISA RASMUSSEN COOK, Honors in Liberal Arts and Sciences with Highest Distinction in English  
 THOMAS JAMES CORDELL  
 DONALD JAY CORNWELL, Honors in Liberal Arts and Sciences  
 VICTORIA ASHLY CRAIG  
 LEO F. CRONIN, JR.  
 JOSE CUELLO  
 THOMAS MATTHEW CURTIN  
 CAROLYN C. CUIOK, Honors in Liberal Arts and Sciences  
 ROBERT CYBAK  
 RAYMOND JOSEPH CZICZO  
 HELEN D'ASSATOUROFF  
 FRANK CHARLES DELEO  
 DONNA GRACE DELPRINCIPE  
 ALLAN JAY DEMARS  
 ROBERT ALLEN DERAVEDISIAN, Honors in Liberal Arts and Sciences  
 CHARLES EDWARD DERRICK  
 MICHAEL JOHN DICANIO  
 AUGUST GILBERT DIGRAZIA, JR.  
 DANIEL PETER DIMBERIO  
 DANIEL PAUL DINELLO  
 BARBARA JEANETTE DISKO  
 WALTER HENRY DJOKIC  
 RITA REICHI DJURICICH  
 TERRENCE FRANCIS DOHENY  
 TERRENCE MICHAEL DONOHOE  
 JUDITH LYNN DORTON  
 CAROLYN DOSTATNI  
 DANIEL JOSEPH DRENNAN  
 MARY CATHERINE DWYER  
 KESTUTIS JOHN EIDUKONIS  
 THOMAS OWEN ELLIOTT, Honors in Liberal Arts and Sciences  
 GEORGE EDWARD EMMERICK, Honors in Liberal Arts and Sciences  
 ERICA STARCZAK ENOS  
 BARBARA ELLEN ENWELL  
 ALICE S. ERHARD, Honors in Liberal Arts and Sciences  
 DONNA FEDDERSON ETHELL, Honors in Liberal Arts and Sciences  
 EUGENE JOSEPH EWANIO  
 PHYLLIS ANN FALKENTHAL  
 KATHRYN FRANCES FARNUM  
 WALTER FEDIJ  
 ROBERTA AILENE FEIN  
 BONITA CAROL FEINGOLD  
 GLENN MITCHELL FELDMAN, Honors in Liberal Arts and Sciences with Distinction in Sociology

SHARON FERST  
 JEFFERY STEVEN FERTEL, Honors in Liberal Arts and Sciences  
 ALAN JEFFREY FIELD, Honors in Liberal Arts and Sciences  
 SUSAN MELANIE FILLER  
 CARL PHILLIP FINAMORE  
 PEGGY ANN FINDER  
 JAMES THOMAS FINEGAN, Honors in Liberal Arts and Sciences  
 STANLEY THOMAS FISCHER, Honors in Liberal Arts and Sciences  
 WILLIAM CHARLES FITZGERALD  
 SUSAN ELIZABETH FLYNN  
 BARBARA BEATE HEIDE FOERSTER, Honors in Liberal Arts and Sciences  
 JONATHAN DAVID FORSYTHE  
 CARL ANTHONY FOSCO, Honors in Liberal Arts and Sciences  
 LAWRENCE CHRISTOPHER FRANKE  
 JOHN MICHAEL GALVIN, Honors in Liberal Arts and Sciences  
 LINDA JEANNE GAPSEWICZ  
 JOHN HELMUT GEGNER  
 JILL GELLIS  
 HELEN CONSTANTINE GEORGIOPOULOS  
 SYLVIA JEAN GERVASI  
 DALE EDWARD GILBERT  
 STEVEN GREGORY GILBERT  
 GWYNETH DAVIS GILLINGHAM, Honors in Liberal Arts and Sciences  
 BRUCE STUART GILLIS, Honors in Liberal Arts and Sciences with Highest Distinction in English  
 HARLENE GAIL GLUCK  
 ROSE MARIE GOETZ  
 ALBERT GOLDBARTH, Honors in Liberal Arts and Sciences  
 RICHARD LEE GOLDNER  
 DIANE ROSE GONCIARZ  
 RAYMOND GONCIARZ  
 GARY PAUL GOODENOW, Honors in Liberal Arts and Sciences  
 LINDA PAMELA GOODMAN  
 KAREN ANN GORDON  
 RONALD STEPHAN GORSKI  
 EDWARD SAMUEL GRAVIER  
 VICKI ANN GREENBERG, Honors in Liberal Arts and Sciences  
 JOY WARNER GREENE, Honors in Liberal Arts and Sciences  
 SHELDON ALVIN GREENGARD, Honors in Liberal Arts and Sciences  
 JAY SETH GREENSPAN  
 JOSEPH FRANCIS GRYZ  
 DONALD HERBERT GUERIN  
 FRANK B. GUIDO, JR.  
 MARY TAEKO HAMANO, Honors in Liberal Arts and Sciences  
 KENNETH ERNEST HANSON  
 JAMES MONTGOMERY HARGROVE, Honors in Liberal Arts and Sciences  
 EDWARD GEORGE HARRISON

ARTHUR CHARLES HERMANN  
 ALLEN RICHARD HEYDUK  
 DIANE MARIE HIRT  
 BOHDAN JAROSLAW HLIBTSCHUK, Honors in Liberal Arts and Sciences  
 FRANK HOFFMAN  
 CAROLE MARGARET HOLTZ, Honors in Liberal Arts and Sciences  
 YOU WAH SUU HONG  
 JOHNNIE R. JACKSON  
 SHARON RENEE JACKSON  
 WILLIAM EDWARD JACOBS  
 MARK RICHARD JAFFE  
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 KAREN ANN DECALUWE  
 JEROME IRA ETTINGER  
 CHRISTINE IRENE FRANSEN, Honors in Liberal Arts and Sciences  
 GEORGIA GAVARIS  
 ROSALYN GREENHOUSE  
 GLORIA ESTHER GRKYA, Honors in Liberal Arts and Sciences  
 BARBARA JOSEPHINE HAAS  
 PAUL MICHAEL JARGSTORF  
 DIANE LOIS KELLEY, Honors in Liberal Arts and Sciences

CAROL ANN LYONS, Honors in Liberal Arts and Sciences with Distinction in Mathematics  
 DOMINIC DONALD MAGNO, Honors in Liberal Arts and Sciences  
 MARGARET MARY MUSICH, Honors in Liberal Arts and Sciences  
 JOYCE HARRIET OLSON  
 CARIN ANN SIEJA, Honors in Liberal Arts and Sciences with Distinction in Mathematics  
 MYRA JANE STEINMAN, Honors in Liberal Arts and Sciences with Distinction in Mathematics  
 CHARLENE JUDITH WENZEL

*In the Teaching of Physics*

GILBERT LEROY ADAMS

**MEDICAL CENTER**

*Degrees Conferred August 31, 1968*

**COLLEGE OF NURSING**

**Degree of Bachelor of Science in Nursing**

DIANE CATHERINE ADLER  
 MARY ELIZABETH CURRIE ANDERSON  
 DIANE ELIZABETH CIESLAK BARTZ  
 JUDITH JOYCE CHODIL  
 BRENDA JEAN BRIGGLE FORSTER, with Honors  
 CAROL JOY ZURAKOV HILLIARD  
 NOELA TERESE JEKA

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

*Degrees Conferred September 7, 1968*

**COLLEGE OF MEDICINE**

**Degree of Doctor of Medicine**

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

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

**COLLEGE OF PHARMACY**

**Degree of Bachelor of Science in Pharmacy**

DAVID LAWRENCE GROSS

*Degrees Conferred September 20, 1968*

**COLLEGE OF DENTISTRY**

**Degree of Bachelor of Science in Dentistry**

JOHN LEWIS ADAMS  
 WAYNE EDWARD BARNHISEL, A.B., Monmouth College, 1966

JEFFREY NORTHRUP BECK  
 STEPHEN PAUL BELCHER  
 WILLIAM REIF BENNETT

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

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

#### Degree of Doctor of Dental Surgery

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

PETER PAUL MENCONI, B.S., 1966

#### *Degrees Conferred December 14, 1968*

#### COLLEGE OF NURSING

##### Degree of Bachelor of Science in Nursing

MARY ANN COCHRANE, with Honors  
 SUSIE SAYLES STERRETT CONNORS  
 ESTHER MARIAN COWAN  
 MARDELL DAVIS  
 MARCELLA ANN FINNESTAD  
 MARY ANN KISIEL HILL  
 GRACE PHYLLIS JOHNSON, B.S., Cedar-  
 ville College, 1967

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

#### *Degrees Conferred March 22, 1969*

#### COLLEGE OF DENTISTRY

##### Degree of Bachelor of Science in Dentistry

KENNETH J. VERSMAN

#### COLLEGE OF NURSING

##### Degree of Bachelor of Science in Nursing

LOUISE ANN MARKLEY  
 GLORIA JEAN HAGOOD MATHEWSON

SUSAN MARIE NOWAK  
 MARY LORRAINE VOGEL

*Degrees Conferred June 12, 1969***HONORARY DEGREE****Degree of Doctor of Science**

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

**GRADUATE COLLEGE****Degree of Doctor of Philosophy***In Anatomy*

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

NICK STEVEN HARRIS, B.S., University of Wisconsin, 1964; M.S., 1967

GERALD DAVID MEETZ, A.B., North Central College, 1959; M.S., 1967

FREDERICK HENRY WEZEMAN, A.B., Hope College, 1964; M.S., 1967

ABD EL-MONEIM EMAM ZAKI, B.Ch.D., Cairo University, 1955; M.S., Indiana University, 1962

*In Biological Chemistry*

CHARLES OTTO BROSTROM, B.S., Wisconsin State College, 1964

DAN CHARLES CASHMAN, A.B., Rockhurst College, 1964

GEORGE HENRY DeVRIES, B.S., Wheaton College, 1964

ROBERT BERNARD FRIEDMAN, B.Ph., Northwestern University, 1962

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

NETRACHALEO SANPITAK, M.D., University of Medical Sciences, 1956; M.D., University of Heidelberg, 1960

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

*In Chemistry (Pharmaceutical)*

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

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

KENNETH MICHAEL SOLOVY, B.S., 1961

*In Microbiology*

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

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

THOMAS PATRICK CONWAY, B.S., Loyola University, 1963; M.S., 1966

JAMES GERARD GALLAGHER, B.S., Loyola University, 1963; M.S., 1967

LEONARD THOMAS MOLANDER, B.S., Loyola University, 1962; M.S., 1964

JANICE KROZEL SCHULIEN, B.S., Loyola University, 1964; M.S., 1965

WILLIAM EDWARD WALKER, JR., A.B., Earlham College, 1964; M.S., 1966

WENDELL DELOS WINTERS, B.S., M.S., 1962, 1966

*In Pharmacology*

ROBERT PAUL GRELAK, B.S., M.S., 1962, 1965

WILLIAM S. MANN, B.S., M.S., 1961, 1966

MARGARET ANN PREWITT, B.S., Ohio State University, 1960

*In Pharmacy*

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

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

SEN-MAW FANG, B.S., National Taiwan University, 1959; M.S., 1965

RONALD LOUIS FOREMAN, B.S., M.S., 1960, 1964

HARUN ALI TAKRURI, B.S., American University of Beirut, 1963; M.S., 1966

*In Physiology*

LINDA ELEANORE ATKINSON, B.S., Wheaton College, 1964

CAROLE DIANE DOUGHERTY, B.S., 1962

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

**Degree of Master of Science***In Anatomy*

HOLLISTON LEE BROWN, A.B., Augustana College, 1966  
CHALINE BARBARA COLLINS, A.B., Nasson College, 1966  
PER FREITAG, B.S., 1966  
WILLIAM RICHARD GREENFIELD, A.B., 1965  
DENNIS KIYOSHI INOUE, A.B., Carleton College, 1966  
THOMAS CHRISTIAN LAKARS, B.S., D.D.S., 1965, 1967  
NORMAN PAUL MEYN, A.B., Albion College, 1965

*In Biological Chemistry*

CARL EUGENE EYBEL, B.S., 1965

*In Histology (Dental)*

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

*In Microbiology*

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

*In Oral Pathology*

ABDEL MOTTALEB HASSANIN MOHAMED, B.Ch.D., D.O.S., Cairo University, 1961, 1965

*In Oral Surgery*

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

*In Orthodontics*

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

*In Pathology*

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

*In Pedodontics*

RICHARD FOSTER MCBRIDE, B.S., D.D.S., 1965, 1967  
DALE CHARLES NICKELSEN, B.S., D.D.S., 1960, 1962  
HOWARD WILLIAM REDMANN, A.B., DePauw University, 1943; B.S., D.D.S., 1948, 1950

*In Pharmacology*

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

*In Pharmacy*

ABDOLREZA KASRA AMIRJAHED, B.S., American University of Beirut, 1965  
DELPHINE LUPINSKI KNOP, B.S., 1963  
MARSHA BEDFORD MRTEK, B.S., 1966  
GEORGE CORWIN WOOD, B.S., 1965

*In Physiology*

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

*In Psychology (Medical)*

DANIEL LOUIS LEVIN, A.B., 1965

*In Surgery*

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

**Degree of Master of Science in Nursing**

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

**COLLEGE OF DENTISTRY****Degree of Doctor of Dental Surgery**

ROBERT ALAN ABELSON, B.S., 1967  
 THOMAS CARL ABRAHAMSEN, B.S., 1967  
 ROGER EARL ALLEN, B.S., 1967  
 MARC WILLIAM ANDERSON, A.B., Augustana College, 1965; B.S., 1967  
 WILLIAM FREDERICK BECK, B.S., 1967  
 PAUL MICHAEL BLIDY, B.S., 1967  
 FERREYDOON BOLURCHIAN, D.D.S., The University of Tehran, 1954  
 ROGER LEE BUMGARNER  
 JOSEPH EUGENE CANZONA, B.S., 1965, 1967  
 CURTIS EUGENE CARLSON, A.B., Augustana College, 1965; B.S., 1967  
 DONALD BRUCE CHINLUND, B.S., 1967  
 MICHAEL PAUL COLLINS, B.S., 1967  
 ROBERT PETER COOPMANS, JR., B.S., Upper Iowa University, 1964  
 RICHARD CLIDE COURSON  
 DANIEL LENZ DOTY  
 ROBERT ROE FARRINGTON  
 WARREN SHERMAN FATLAND  
 FREDERICK MICHAEL FITZPATRICK, B.S., 1967  
 DANIEL WARREN GORSKI, B.S., 1968  
 SHELDON ALLAN GRABINER, B.S., 1967  
 RICHARD FRANCIS GRAHAM, B.S., 1965, 1967  
 DANIEL ARTHUR GREENBERG, B.S., University of Wisconsin, 1965  
 RICHARD ROBIN GREGORY, A.B., University of Hawaii, 1965; B.S., 1967  
 RICHARD ALVIN GUTHRIE  
 ROBERT WILLIAM HARPER  
 THOMAS WALTER HEBDA  
 BRUCE ALAN HILLEMAYER, B.S., 1967; A.B., University of Iowa, 1968  
 BRUCE EVERETT HOCHSTADTER, B.S., 1967  
 WILLIAM EDWARD HOWELL II, B.S., 1967  
 PHILIP LEE IRVING, B.S., Bradley University, 1965  
 STEPHEN ARTHUR KAAD, B.S., 1967  
 HARVEY JUSTIN KAHN, A.B., University of Michigan, 1965; B.S., 1967  
 AUGUST JOSEPH KALETA, B.S., 1967  
 STUART ALAN KLEIN  
 LARRY DEAN KOSTEN, B.S., 1967  
 GARY ALAN LEAGUE, A.B., Miami University, 1965; B.S., 1967  
 JEFFREY BATTON LEBEN, A.B., Illinois Wesleyan University, 1965; B.S., 1967  
 MICHAEL EDWARD LESSIN, B.S., 1967  
 PAUL ERIC LITVIN, B.S., 1967  
 RICHARD ALAN LUNDQUIST, B.S., Northwestern University, 1961  
 THOMAS RICHARD MATTESON, B.S., 1967  
 RICHARD HUGH MCKONE, B.S., 1967  
 RICHARD KARL MERRY, B.S., 1967  
 EDWARD MARK MILLER, B.S., 1967  
 ROBERT JAMES NACIN  
 JOHN THOMAS POLACEK, B.S., 1966  
 MICHAEL JOSEPH PORTER, B.S., 1967  
 STEVEN RICHARD RANDELL, B.S., 1967  
 GARY JOSEPH RIEGEL  
 STUART SOLOMON SANDERS, A.B., Northwestern University, 1964; B.S., 1966  
 GARY KARL SAWYERS, B.S., 1967  
 JOHN KENDRICK SCHMIDT, B.S., 1967  
 FRED WALTER SCHOMBURG, with Honors  
 JERALD MICHAEL SCHWAB, B.S., 1966, 1967  
 STEVEN MICHAEL SHIPKA, B.S., 1967  
 RICHARD STANLEY SMIEJEK, B.S., 1967  
 OLIVER DAVID SMITH, with Honors; A.B., Monmouth College, 1962; B.S., 1967  
 ROBERT THOMAS STANLEY, B.S., 1967  
 WILLIAM RAY THOMPSON, B.S., 1966  
 ANDREW PATRICK TRAPANI

RONALD EDWARD TRAPP, B.S., North  
Central College, 1965  
DANIEL NATHAN UDITSKY  
WILLIAM KARL VANDER WAAL, with  
Honors  
GERALD THOMAS VISCONTI  
JAMES HENRY VOHS, B.S., University  
of Detroit, 1965; B.S., 1967  
LIONEL AUBREY WAISMAN, B.S., Roose-  
velt University, 1964; B.S., 1966

PETER CARL WASILKOFF, B.S., 1967  
JOSEPH RICHARD WELLS, B.S., 1967  
PHILIP VERN WHEELER, B.S., 1967  
RANDY MILES WIDEN, B.S., University  
of Wisconsin, 1965; B.S., 1967  
MICHAEL BARNES WILLENBORG, B.S.,  
1967  
STANLEY JEROME WITKIEWICZ, B.S.,  
1967  
MICHAEL BARRY WOLF, B.S., 1967

## COLLEGE OF MEDICINE

### Degree of Doctor of Medicine

JAMES LEON ADAMS  
ROBERT LEE ALEXANDER, B.S., 1966  
RONALD HARVEY ALPERT, B.S., 1965  
STEPHEN RICHARD ANDRESEN, A.B.,  
Wabash College, 1965  
RICHARD ARAZI, B.S., Illinois Institute  
of Technology, 1966  
ROBERT MASON ARENSMAN, B.S., Trin-  
ity College, 1965  
WILLIAM JOSEPH ARNOLD, with Honors;  
A.B., 1966  
PHILIP HENRY BAER, A.B., Oberlin Col-  
lege, 1962  
JACQUELYN LEE BAMMAN, with Honors;  
B.S., University of Toledo, 1958  
KEENAN FRANK BARBER, A.B., 1966  
DAVID LEONARD BECKER, B.S., 1965  
DONALD EDWARD BEDFORD, B.S., 1963  
JERRY DONALD BENITONE, A.B., Van-  
derbilt University, 1965  
HOWARD GERALD BERGER  
DANIEL SAMUEL BERLINER  
DAVID ALBERT BERNHARDT, A.B., Ohio  
University, 1965  
LAWRENCE ROY BIGONGIARI  
JOSEPH LOUIS BIZEK, with High Hon-  
ors; B.S., 1966  
PHILIP CHARLES BODENSTAB, Jr., B.S.,  
Elmhurst College, 1965  
DAVID WILLIAM BURKLAND, B.S., 1965  
JOEL MICHAEL BUSSE, B.S., Bradley  
University, 1966  
JOHN FREDERIC BUTZER, A.B., 1965  
MITCHEL PAUL BYRNE  
DANIEL MONROE CLARK III, B.S., 1965  
KENNETH HALL CLARK, A.B., Beloit  
College, 1965  
STEPHEN GEORGE COOK, with High Hon-  
ors; B.S., 1964  
GARY HARRY COOPER, with Honors  
STUART MELTON COOPER  
LEWIS RUSSELL COULSON, A.B., Bradley  
University, 1965  
MICHAEL ALAN CREMER, A.B., South-  
ern Illinois University, 1965  
RAOUL JEFFREY DAVION, B.S., 1965  
JOHN KERSEY DAWDY, A.B., Greenville  
College, 1965

RONALD JULIAN DECLOUX, B.S., Mich-  
igan State University, 1964  
STEVEN MARTIN DOSICK, B.S., 1965  
WILLIAM MICHAEL DRALLE, B.S.,  
Roosevelt University, 1965  
HOWARD NILES DUBNER  
MELVIN EUGENE EHRHARDT, B.S., M.S.,  
1964, 1968  
THELMA MATHIS EVANS, B.S., 1967  
CARL EUGENE EYBEL, B.S., 1965  
MICHAEL GENE FEINZIMER  
RAYMOND JOHN FENCL, A.B., 1964  
BOBBY GENE FIELD  
DWIGHT MELVIN FITZGERALD, A.B.,  
Southern Illinois University, 1965  
GEORGE EDWARD FLEMING, Jr.  
TERRY WAYNE FONVILLE, A.B., Colo-  
rado College, 1965  
THEODORE WILLIAM FRANK, B.S., 1965  
ROBERT DAVID FRICKE  
PETER OTTO FRIED  
RICHARD LEE FROEB, B.S., University  
of Wisconsin, 1965  
THOMAS MICHAEL FROST, with High  
Honors; B.S.; 1966  
KATHLEEN NANCY GEORGE  
RONALD JAN GOLBUS, B.S., 1965  
RICHARD MELVIN GOLDBERG, A.B.,  
Washington University, 1964  
JAMES ANDREW GOODWIN, A.B., North-  
western University, 1964  
JAMES DAVID GORDON, B.S., Roosevelt  
University, 1965  
GARY JORDAN GRAD, A.B., 1965  
RONALD JAMES GRASON, B.S., Loyola  
University, 1960; J.D., DePaul  
University, 1967  
WILLIAM RICHARD GREENFIELD, A.B.,  
1965  
JAMES ALFRED GREER, Jr., A.B., De-  
Pauw University, 1965  
HARVEY DAVID GREIDER III, B.S., 1965  
JOHN MAURICE GRZYBOWSKI  
RUTH KARLIN GUTH, B.S., 1965  
JEROME ALEXANDER HANOWSKY, A.B.,  
1965  
JACK DAVID HANSEN, B.S., University  
of Wisconsin, 1965

- ALAN AARON HARRIS, with Honors  
RONALD RICHARD HARRIS, A.B., Northwestern University, 1965  
NATHAN JOSHUA HARRISON  
STEPHEN MARVIN HARRISON, B.S., 1959; M.S., University of California, 1964  
BON BOUTON HARTLINE, B.S., 1966  
ALAN IRWIN HARTSTEIN  
DUANE LeROY HASKELL, A.B., Southern Illinois University, 1965  
THOMAS JAMES HAWKINS, A.B., University of Notre Dame, 1965  
BRUCE PARK HECTOR  
LAWRENCE MARSHALL HIGHMAN  
ALAN DAVID HOFFMAN, A.B., 1966  
RICHARD JOSEPH HOLECEK, B.S., 1965  
LAWRENCE HOLLANDER  
ROBERT LOUIS HOLSTEIN  
HART JACOBSEN, with Honors  
ROGER KERMIT JOHNSON, A.B., Augustana College, 1964  
HERBERT IRA KADISON  
PATRICK WALTER KAMM  
BARBARA ACKER KAMMER, A.B., 1965  
JAMES FRANCIS KAMMER, A.B., Northwestern University, 1965  
CHARLES DEMOSTHENES KANAKIS, Jr.  
JOSEPH PETER KARCAVICH, B.S., 1966  
IRWIN JAY KASH, B.S., 1965  
WILLIAM HARVEY KIDD, B.S., 1965  
BRADFORD WAKEFIELD KINCHELOE  
ROBERT WILLIAM KIRBY, with High Honors; B.S., 1966  
MARY LIDIA KLODNYCKY, A.B., Rosary College, 1965  
STEVEN PAUL KOENIG  
BERTRAM KRAFT, A.B., Coe College, 1965  
STUART BERYL KRAMER  
RONALD FORREST KRASNER  
GERALD DAVID KRUGLIK, A.B., Columbia University, 1965  
DAVID JOEL KURTI, A.B., 1966  
ROBERT MATTHEW LARSON, A.B., Hanover College, 1965  
NOEL ARTHUR LEE, B.S., Loras College, 1965  
NORMAN IRWIN LEVENSON  
DANIEL LOUIS LEVIN, A.B., 1965  
ROBERT HERMAN LIBMAN  
WILLIAM HARRY LOWELL, B.S., College of St. Thomas, 1965  
LINDA LUSTER, B.S., Roosevelt University, 1965  
CARLYN JUNE MALIK, B.S., 1965  
EDWARD PHILIP MANN, A.B., DePauw University, 1965  
JOEL URI MANN, B.S., 1964  
FRANCES JOAN MASSER, B.S., A.M., 1962, 1963  
MARY HOYT MAY, B.S., Purdue University, 1966  
LAWRENCE MALCOLM MAYER, B.S., North Park College, 1963; M.S., University of Miami, 1965  
BARRY ALAN MELLOW, A.B., 1965  
JEFFREY DAVID MICHAELSON  
ROBERT LEE MILLER, B.S., Drake University, 1965  
HECTOR JAVIER MIRANDE, B.S., 1965  
DANIEL SHEAHAN MITCHELL  
JEANNE HARRIS MITCHELL, A.B., Northwestern University, 1965  
DAVID MITTELMAN  
GERALD CHESTER MOCZYNSKI, B.S., 1965  
ROBERT MICHAEL MORSE  
HAROLD WILLIAM MOSS, B.S., 1964  
DAVID DREW NEER, B.S., 1964  
DAVID DELBERT NEWTON  
ROBERT JAMES NUDERA, B.S., D.D.S., 1963, 1965  
JAMES KIRK PEDERSEN, Jr., B.S., 1964  
VINCENT JAMES PELLETIERE, A.B., University of Chicago, 1965  
JON JAY PETERSON, A.B., St. Ambrose College, 1965  
JAY WESLEY PETTEGREW  
WILLIAM FRANCIS PETTIT, Jr., A.B., Creighton University, 1965  
EDWARD JOSEPH PIENKOS  
THEODORE MICHAEL PINKERT  
CHARLES GLEN POGUE, A.B., Monmouth College, 1961; M.S., University of Missouri, 1963  
RANDY ARMAND PONCHER, A.B., 1965  
DWIGHT ALDEN POWELL, B.S., 1966  
ROBERT EDWIN RAFFEL  
THOMAS JAMES RATH, B.S., St. Thomas College, 1965  
TIMOTHY JOHN REICHERT, B.S., St. John's University, 1966; B.S., University of North Dakota, 1967  
SHELDON REISS  
STEPHEN ARTHUR REITER, B.S., 1965  
STEPHEN LEE REITMAN, B.S., 1966  
DOUGLAS PIERCE RHONE, B.S., St. Procopius College, 1965  
JEFFREY PHILLIP ROGERS, A.B., 1965  
WILLIAM ROBERT ROGGENKAMP, B.S., 1965  
TIMOTHY OWEN ROWE, B.S., University of Miami, 1966  
BARRY RICHARD RUDIN, A.B., Cornell University, 1965  
RAYMOND PAUL SAKOVER  
DONALD JAY SALBERG, B.S., 1966  
RICHARD JON SANDELL, A.B., North Central College, 1965  
JOEL RODNEY SAPER, B.S., University of Wisconsin, 1965  
JAMES GORDON SCHROEDER, B.S., 1965



DALE NORMAN SCHUMACHER, B.S., University of Arizona, 1964  
 GEORGE ARTHUR SCHUSTER  
 ROBERT JOSEPH SCHUSTER, JR.  
 PETER MCINTOSH SCHWAB, A.B., Miami University, 1965  
 ROBERT MICHAEL SEPTON, B.S., 1966  
 MARTIN CHARLES SHAFFER, A.B., Augustana College, 1963  
 PHILIP SHAPIRO, A.B., University of Michigan, 1965  
 ROBERT ARTHUR SHIVELY, B.S., 1965  
 GAIL SORKIN SHORR  
 RICHARD ALLEN SIEGEL  
 ROBERT JOEL SIEGEL  
 GEOFFREY STUART SIMMONS, B.S., 1965  
 NICHOLAS MICHAEL SLIMACK, B.S., Lewis College, 1965  
 BARRY SLOTKY, A.B., University of Michigan, 1963  
 ROBERT IRWIN SLOTT  
 ALLEN ORLIN SMITH, B.S., 1965  
 EDWARD ANTHONY SMITH, B.S., 1966  
 STEPHEN HIRSCH SOBOROFF, B.S., University of Michigan, 1965  
 RICHARD ALAN SODETZ, A.B., Knox College, 1965

BRUCE ERIC STEVENSON, A.B., Augustana College, 1965  
 GARY ROY STROKOSCH, A.B., Westmont College, 1965  
 JEFFREY MITCHELL TILKIN  
 RONALD ROSS TURNER, A.B., Syracuse University, 1964  
 KATHLEEN BELL UNGER  
 RICHARD MICHAEL VAZQUEZ  
 BARRY HUGH WEBER, B.S., University of Michigan, 1965  
 WILLIAM JERROLD WEINER, B.S., 1966  
 COREY WILLIAM WEINSTEIN  
 FRANKLIN TOD WELCH, B.S., 1965  
 JAMES WILLIAM WENGERT, B.S., 1965  
 GERALD BRUCE WHITMAN  
 DONALD ROGER WILLERS, JR.  
 CHARLES STOTT WILSON  
 MARGARET McELWAIN WILSON, A.B., Park College, 1965  
 JERRY SAUL WOLINSKY  
 KEITH LEE WRIGHT, B.S., 1965  
 HILARY ZARNOW  
 ROBERT HARRY ZWICK, A.B., 1964

#### SCHOOL OF ASSOCIATED MEDICAL SCIENCES

##### Degree of Bachelor of Science in Medical Art

NANCY SUE BLATTI  
 GAIL SUSAN CHESSECK

CAROL WALSH PETERSON

##### Degree of Bachelor of Science in Medical Record Administration

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

CHERYL BREWSTER KRATSCH  
 ELENA SIGUTA PEDELA  
 LYNN FRANCES RITCHIE  
 LYNNE KAY SHAFFER  
 ANITA LOUISE STOFFERS, with Honors  
 PATRICIA ANN USTIAN  
 SHIRLEY SARFF ZAMBON

##### Degree of Bachelor of Science in Medical Technology

MARILYN JOYCE ANDERMANN  
 NIJOLE MARY BERNATAVICIUS  
 RUTH ANNE CHALUPNY  
 LYNNE ELIZABETH EVANS  
 MARY GERTRUDE FLANIGAN  
 JULIA THOMPSON HAN  
 ELIZABETH ANN HOFFMAN, with Honors  
 SHARON LEE HULTEN  
 CHARLOTTE HIROKO KANESHIRO

JANICE MARTHA NETEMEYER  
 DONNA KAY REED  
 LINDA NELSON SANDQUIST  
 BESS DIANE SCHOENEMAN  
 EUGENIA MAGDELENA SCOR  
 MARY PATRICIA WALGRAVE  
 BARBARA SUE WEINSTEIN  
 ANNETTE KAY WILLIAMS

##### Degree of Bachelor of Science in Occupational Therapy

SUE KATHERINE ALLEN, with High Honors  
 DONALDA MILDRED ELLEK  
 MICHELLE CANIFF EVANS  
 KAREN NIELSEN GABLESON  
 CORINNE MARION GHERRA

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

MARY ELIZABETH LOWTHER  
JENNIFER LYNN MEYER  
JANET WONG MOY  
SONJA LINDBERG PARR

SUSAN STELTER PARTHEN  
MICHAL WYNN CUNNINGHAM RAGEL  
DONNA GOLDSTEIN RAPPIN  
GARY ARTHUR WADE

### COLLEGE OF NURSING

#### Degree of Bachelor of Science in Nursing

LINDA JEAN BAKER  
MARY ANN JOHNS BARTELS  
BEVERLY JANE BERNSTEIN  
MARGO JOYCE BLIDNER  
FRANCES SUSAN BOWEN  
LOIS LYNN BUSE  
PATRICIA ANN CALLEIA  
SHERRY DEE CLANNEY  
PAULA COOPER  
VIRGINIA GARSIDE DAVIS  
ELLEN MARGARET PETERS DREYER  
ARDYS McNAUGHTON DUNN, with Honors  
DAWN LOUISE EARLL  
JANICE RUTH BOSTROM FERRELL  
LINDA LOUISE GEHRT  
VIVIAN LOUISE GREENWALD  
RENAME ANYSAS GUDAT  
JILL MARY HAMMOND  
ARLYNN MARIE HEM  
MEREDITH JO JACKOBS  
HALINA CHRISTINE JANUS  
ALICE ELEANOR JOHNSON  
KATHLEEN LOUISE JURACO  
ANNAMARY NELSON JUREZIZ, A.B., University of Kansas, 1965  
PATRICIA ANN JUSTICE  
JOYCE ELAINE KAAP  
JOYCE KAY KEITHLEY  
MARY ELIZABETH KUSKA  
MARY ELIZABETH RAY LEBBIN  
FAITH LYNN PRICE LEVIN

MARGARET AMALIE GOERS LUNDE  
ANDREA MERLE MITTELMAN  
SUSAN LEE NEIDENBACH  
ROSALYN LINDA NETZKY  
CONNIE JO OSBOURNE  
PETER JAN PAGE, A.B., Carleton College, 1953  
VADA ANN PETERSON  
CAROLYN ALICE PIATEK  
EDITH MAE NAKAMURA PIGNOTTI  
CHRISTINE MARY POTACZEK  
RUTH LYNN RICHARDSON  
LOUISE MARGARET RYSSMANN  
JAYDENE SCHINDLER  
PATRICIA ANN SCHUPBACH  
CHARLYN IRIS SHACHTMAN  
MARGARET JUDY SIMMONS  
ELIZABETH JEAN SNODGRASS  
PHYLLIS KAY SCHOETTLE SPENCER  
CYNTHIA MARIE STANKE  
KATHRYN ANN STOLTENBERG  
VALINDA LU STURGIS  
NANCEYLON FAITH SWANQUIST  
EDITH TANKSON  
BARBARA ANN TEREBA, with Honors  
GAIL MARGARET MOLNAR TORRES  
JANET LEE TUINENGA  
LYNDA KAYE WALTON, with Honors  
THERESA JOAN WATSON  
NANCY WOODY  
CYNTHIA DOROTHY WRIGHT  
JANIS LYNN ZOLTAN

### COLLEGE OF PHARMACY

#### Degree of Bachelor of Science in Pharmacy

ROBERT GEORGE ANDERSON  
JOHN EARL ARCHER  
DONALD ROBERT BAUER  
TERRIL BRUCE BEALMER  
RICHARD JOHN BERNES  
BERNARD ALEX BONKALSKI  
STEPHEN RICHARD BONOMO  
JOHN FRANKLIN BURCHAM, Jr.  
RICHARD PAUL CAMPBELL  
DAVID CHUMING CHUN  
NORMAN HOWARD CRASKO  
JAMES AUGUST DANCZYK  
GEORGE GUST DEMOS  
JAMES MICHAEL DENEEN  
BARRY DALE DERMAN  
SIH-MING DJOU  
WILLIAM NORMAN DRAWER  
NAE JIUUN DUN  
PATRICIA SUE CROSS EAGAN

ROGER EDWARD EAGAN  
SCHARON ALBERT EDWARDS  
ROBERT JOHN EGGERS  
JAMES ALAN ELSNER  
WILLIAM GARD EVANS  
SCOTT FANCIULLO  
THEODORE REED FINEFIELD  
LARRY MONROE FITZGERALD  
LOUIS CARL FONTANA  
SUSAN JEANNE FOXWORTHY  
ELLIOTT AREN FREEMAN  
THOMAS JOSEPH GEORGE  
CAROL ANN GIANCOLA  
THEODORE RICHARD GOLDSBERRY  
HENRY LOUIS GREIFENSTEIN  
CHESTER ARTHUR GRIFFITH  
NINA SUE GRUBAUGH  
BRUCE JEROME HAMBURGER  
LINDA SUE HEAD

MICHAEL DAVID HEGER  
 ARLENE THERESA HENOWICH  
 GARRY JAMES HINKLE  
 MURRAY STEPHEN JACOBSON  
 ROBERT LEWIS JEWELL  
 GAIL ELLEN JOHNSON, with Honors  
 RICHARD IVER JOHNSON  
 BIRUTE EVE JUOZENAS  
 ROBERT JOHN KIZIOR  
 GEORGE WALTER KLOSOWSKI  
 EUGENE CLARENCE KOELLER  
 MARTIN FELIX KOPACH  
 JEROME RICHARD KUFFEL  
 KWITOSLAWA ANNA KULCZYCKY  
 FRANK SIU NIN KWONG  
 REINHOLD PETER LANG  
 GERALD ALBERT LAVENGOOD  
 BRUCE MALCOLM LENSKE, with Honors  
 ALAN STANLEY LEONASKAS  
 HOWARD PHILLIP LEVY  
 JAMES ROBERT LUBINSKI  
 PATRICK JOSEPH LUCHSINGER  
 GREGORY ARTHUR MAGGINI  
 KENNETH ANTHONY MAKRIS  
 SARA EMMA MCCORMACK  
 STEVEN WALTER MENDELEWSKI  
 DALE ROBERT METCALFE  
 DEAN EDMUND METCALFE  
 NANCY JEAN MIZGATA, with Honors  
 RICHARD DEAN MORRISON  
 WILLIAM JOSEPH MUHR  
 JAMES RICHARD MUNGER  
 CAROL ANN MUREN, with Honors  
 LEWIS JOEL MYLES  
 MICHAEL GARY NELSON  
 PHILLIP LARRY NELSON  
 JAMES THOMAS O'DONNELL

JAMES LEE ORTMAN  
 JAMES VINCENT PAVLACIC  
 JON WAYNE PEARION  
 KENNETH JOHN PETRUCCI  
 ROBERT FRANK PIZEK  
 SAMUEL GEORGE PLESHAR  
 ALBERT DENNIS POMYKALA  
 WILLIAM CARL PORTER  
 WILLIAM ALLAN POSKA  
 ABDUL QAIYUM  
 ANTHONY JOHN RACKI  
 RONALD JOSEPH REITER  
 NICHOLAS BENJAMIN RIZZO  
 JOSEPH ROGOWIN  
 TERENCE FRANCIS ROGUS  
 MICHAEL ALAN RONGE  
 MELVIN KARL ROSEMAN  
 JAMES MARSHALL ROSENZWEIG  
 EDWARD SAKSENHAUS  
 KENNETH LEE SALBERG  
 MICHAEL IRVING SCHAFER  
 WADE EDWARD SCHUTZE  
 STEVEN LESLIE SCHWARTZ  
 CYNTHIA ANN REILLY SHAPIRO, with Honors  
 RONALD LESTER SHEAR  
 MELVIN B. SIEGEL  
 LEONARD JACK SODERGREN  
 AARON STAL  
 LAWRENCE MICHAEL TRIPPEDI  
 TERRY WAYNE TRUDEAU  
 CHESTER MITCHELL TYLKOWSKI, with Honors  
 CLARENCE DENNIS WALSH  
 JAMES CHARLES WICKLUND  
 WILLIAM WELLS WOOD  
 BURTON JOEL ZIS

#### URBANA-CHAMPAIGN

*Degrees Conferred June 14, 1969*

#### HONORARY DEGREES

##### Degree of Doctor of Laws

JAMES TOBIN

##### Degree of Doctor of Science

WILLIAM LITTELL EVERITT  
 FRANCIS WHEELER LOOMIS

JAY LAURENCE LUSH

#### GRADUATE COLLEGE

##### Degree of Doctor of Philosophy

###### *In Accountancy*

PAUL MICHAEL DAVIS, B.B.A., University of Cincinnati, 1962; A.M., University of Florida, 1964

JOSEPH DAVID DERMER, B.Eng., McGill University, 1964; M.B.A., University of Toronto, 1967

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

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

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

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

*In Agricultural Economics*

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

*In Agronomy*

CARROL GENE CHAMBLISS, B.S.A., M.S., University of Arkansas, 1964, 1966  
GARY WINSTON COLLIVER, B.S., M.S., University of Missouri, 1964, 1966  
SHARADCHANDRA BALWANT DESHPANDE, B.S., Nagpur University (India), 1956;  
Assoc., Indian Agricultural Research Institute (New Delhi), 1958  
ALAN GERALD DEXTER, B.S.Agr., M.S., University of Nebraska, 1963, 1966  
DENNIS BRUCE EGLI, B.S., Pennsylvania State University, 1965; M.S., 1967  
KUAN MENG GOH, B.Agr.Sc., M.Agr.Sc., University of New Zealand, 1961, 1962  
DONALD CHARLES REICOSKY, B.Sc., M.Sc., Ohio State University, 1963, 1965  
LAXMAN SINGH, B.Sc., M.Sc., Agra University (India), 1954, 1956; M.S., 1959

*In Animal Science*

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

*In Anthropology*

DOUGLAS STANLEY BUTTERWORTH, B.A., M.A., Mexico City College, 1960, 1962  
WILLIAM MILTON GARDNER, A.B., University of Florida, 1960  
PATRICIA JOAN O'BRIEN, A.B., 1962  
JAMES BUSHNELL RICHARDSON III, A.B., St. Lawrence University, 1960; M.A.,  
Syracuse University, 1963

*In Astronomy*

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

*In Biology*

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

*In Biophysics*

MICHAEL THOMAS HOGINS, B.A., University of California (Los Angeles), 1965;  
M.S., 1967  
MARY ELIZABETH JACOBS MCCREA, A.B., Trinity College (District of Columbia),  
1964; M.S., 1966

*In Botany*

MAHMOUD EL TAYEB ABDEL HALIM AHMED, B.Sc., Cairo University, 1959; M.S.,  
1967  
JAMES LYNN SEAGO, A.B., Knox College, 1963; M.A., Miami University, 1966

*In Business*

GABER ABD EL SAMEIA ABOU EL ENEIN, B.Com., Cairo University, 1961; M.S.,  
1965  
JAMES PAUL TUSHAUS, B.S., M.B.A., 1952, 1954

*In Ceramic Engineering*

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

*In Chemical Engineering*

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

*In Chemistry*

PAUL ELLIOT BENDER, B.S., State University of New York (Stony Brook), 1963;  
M.S., 1967  
WILLIAM RONALD CARES, B.S.Ch.E., Case Institute of Technology, 1963; M.S., 1965

LINDA JOYCE CLINE, B.S., A.M., University of Missouri, 1962, 1965  
 DENIS FREDRICK DE CRAENE, A.B., St. Ambrose College, 1964  
 ROBERT LESTER DIEBNER, B.S., Louisiana State University and Agricultural and Mechanical College, 1964; M.S., 1966  
 MICHAEL DAVID GORDON, B.S., University of Michigan, 1964; M.S., 1965  
 Ieva OGRINS HARTWELL, B.Chem., University of Minnesota, 1963; M.S., 1965  
 GARY MARTIN HIEFTJE, A.B., Hope College, 1964  
 ROBERT KALISH, B.S., Polytechnic Institute of Brooklyn, 1965  
 JON ALFRED KAPECKI, B.S., College of St. Thomas, 1964  
 JACK EUGENE RICHMAN, B.S.Chem., Purdue University, 1965  
 JOHN ARTHUR SPENCER, B.S., Worcester Polytechnic Institute, 1964; M.S., 1966  
 ANTHONY RAYBURN TORKELSON, B.S., M.S., University of Wyoming, 1958, 1960  
 CHANG-AN YU, B.S.Ag., M.S.Ag., National Taiwan University, 1961, 1964

*In Civil Engineering*

ARUNACHALAM KULATHU AIYER, B.S., University of Travancore, 1956; M.S., 1960  
 TERRY OLNEY BLACKBURN, B.S.C.E., M.S.C.E., Bucknell University, 1964, 1965  
 GARRY JOEL PATTERSON, B.S.E., Brown University, 1964; M.S., 1965  
 JOHN DAVID SMART, B.S., University of Missouri at Rolla, 1965; M.S., 1966  
 THIRUVALAM RADHAKRISHNAN THIRUVENGADAM, B.E., University of Madras, 1961; M.E., Indian Institute of Science (Bangalore), 1963  
 OWEN ORR THOMPSON, Dipl., Royal Melbourne Institute of Technology, 1963; M.S., 1966

*In Classical Philology*

STANFORD EDWARD CASHDOLLAR, JR., B.A., University of Tennessee, 1962; A.M., 1964  
 GAIL WORSNOFF PIEPER, B.A., University of Connecticut, 1965; A.M., 1966

*In Communications*

DONALD HARRY VALENTINE ERICKSON, B.S., M.S., 1951, 1954  
 ALAN DONALD FLETCHER, A.B.J., University of Georgia, 1962; M.S., 1964  
 RALPH STEAD IZARD, B.S.J., M.S.J., West Virginia University, 1961, 1962  
 WENDELL CHANDLER SHACKELFORD, B.A., Southern Methodist University, 1961; A.M., 1963

*In Comparative Literature*

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

*In Economics*

JOHN MICHAEL BOIE, B.S., M.S., 1962, 1963  
 DENNIS CARL DUELL, B.S., M.S., Kansas State University of Agriculture and Applied Science, 1961, 1963  
 WAYNE ALBERT JESSWEIN, A.B., Southern Illinois University, 1963; A.M., 1965  
 VIRGINIA LEE OWEN, B.S., Illinois State University, 1962; M.S., 1963  
 YOON KEUN SONG, B.A., Kyung Hee University, 1960; M.B.A., University of Miami, 1964

*In Education*

WALTER BERNARD BOLDT, B.A., B.Ed., M.A., University of British Columbia, 1952, 1955, 1963  
 MARC WILLIAM GOLD, B.A., Los Angeles State College, 1962; M.A., California State College at Los Angeles, 1964  
 ROBERT WAYNE HEINY, B.A., La Verne College, 1960; M.A., California State College at Los Angeles, 1964  
 FRANK DANIEL MAGLIONE, JR., A.B., University of Akron, 1951; M.S.Ed., Indiana University, 1962  
 ROBERT PETER PRECIANS, B.A., M.A., University of Sydney, 1958, 1967  
 MARIANNE CLAIRE RODERICK, B.A., Ohio Wesleyan University, 1963; A.M., 1967  
 ROBERT EUGENE RUMERY, B.A., University of Omaha, 1950; M.A., George Peabody College for Teachers, 1962  
 SISTER MAUREEN KORTAS, B.Mus., Cardinal Stritch College, 1956; M.Ed., Wayne State University, 1960  
 STEVEN SZABO, B.Ed., University of Toledo, 1951; M.Ed., Wayne State University, 1960  
 JAMES ALLEN TESKA, B.A., M.A., University of Oklahoma, 1955, 1959

*In Electrical Engineering*

- JOHN ROBERT ADAM, B.S., M.S., 1966, 1967  
 GERALD FRANCIS BRIESKE, B.S., Northwestern University, 1960  
 JOHN HENRY BRUNING, B.S., Pennsylvania State University, 1964; M.S., 1967  
 DAVID PAUL CASASANT, B.S., M.S., 1964, 1965  
 JOHN WILLIAM ESCH, B.S.E.E., University of Wisconsin, 1965; M.S., 1967  
 TERRY GENE GADDESS, B.S., University of Colorado, 1965; M.S., 1967  
 SAMUEL ISAAC GREEN, B.S.E.E., Northwestern University, 1964; M.S., 1966  
 JAMES ERNEST HELLER, B.S., Newark College of Engineering, 1965; M.S., 1967  
 WILLIAM ANTHONY IMBRIALE, B.S., Rutgers, The State University, 1964; M.S., University of California (Los Angeles), 1966  
 TATSUO ITOH, B.S.E., M.S., Yokohama National University, 1964, 1966  
 CARL JAMES JOHNSON, B.S.E.E., Purdue University, 1964; S.M., Massachusetts Institute of Technology, 1965  
 RICHARD JOHN KOSTELNICEK, B.S., M.S., 1964, 1965  
 MITSUAKI NISHIJIMA, B.S.E., M.S.E., Osaka University, 1962, 1964  
 ANDREW JOHN POGGIO, B.E.E., Cooper Union, 1963; M.S., 1964  
 THEO JAY POWELL, B.E.S., Brigham Young University, 1965; M.S., 1967  
 PRESTON LEE RANSOM, B.S., M.S., 1962, 1965  
 DONALD RALPH SCHERTZ, B.S.E.E., Bradley University, 1960; S.M.E.E., E.E., Massachusetts Institute of Technology, 1961, 1963  
 PATRICK DAVID SHEA, B.S., M.S., 1964, 1966  
 STUART HOWARD STARR, B.S., Queens College, 1963; B.S., Columbia University, 1963; M.S., 1965  
 DANIEL JOHN STIGLIANI, JR., B.Engr., Stevens Institute of Technology, 1964; M.S., 1965  
 RUSSELL DALTON STINAFF, B.S.E.E., University of Akron, 1962; M.S.E.E., Purdue University, 1963  
 DONALD STEPHEN SWATIK, B.S., M.S., 1965, 1967  
 SHUNICHI TODA, B.S., University of Tokyo, 1959; M.S., 1966  
 THOMAS JIING-CHYUAN WEY, B.Sc., Taiwan Provincial Cheng Kung University, 1959; M.S., 1965  
 DUSAN ZRNIC, Dipl.Grad.Eng., University of Belgrade, 1965; M.S., 1966

*In English*

- WARREN FRANCIS DWYER, A.B., Harvard College, 1944; A.M., University of Michigan, 1948  
 JAMES DAVID JOHNSON, B.A., M.A., Washington State University, 1960, 1966  
 DANIEL POWELL POTEET II, A.B., Harvard University, 1963; A.M., 1965  
 WILLIAM JOSEPH SCHEICK, B.A., Montclair State College, 1963; A.M., 1965  
 FREDERICK ALVIN SMITH, A.B., Muhlenberg College, 1959; M.A., University of Wyoming, 1960  
 MARCIA PERRY SUMMERS, B.A., Geneva College, 1961; A.M., 1962

*In Entomology*

- EDDIE WAYNE CUPP, B.A., Murray State College, 1964  
 HARLAND WADE FOWLER, JR., B.S., University of Florida, 1953; M.S., 1960  
 GEORGE ROBERT WILSON, B.A., Johns Hopkins University, 1960

*In Finance*

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

*In Food Science*

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

*In French*

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

*In Geology*

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

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

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

*In German*

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

*In History*

ROY ALLEN AUSTENSEN, B.S., Concordia Teachers College, 1963; A.M., 1964

DIONYSIOS DON ANDREW KOUNAS, A.B., State University of South Dakota, 1963; A.M., 1964

DALE ELLWOOD LANDON, B.A., M.A., Pennsylvania State University, 1959, 1961

FREDERICK EDWARD LAURENZO, B.A., Houghton College, 1961; A.M., 1963

*In Horticulture*

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

*In Library Science*

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

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

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

*In Linguistics*

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

*In Marketing*

WARREN ARTHUR DEBORD, B.S.B.A., M.B.A., University of Florida, 1962, 1963

ROBERT DALE GIESELMAN, B.S., M.A., Indiana State Teachers College, 1954, 1959

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

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

*In Mathematics*

DAVID MARION ARNOLD, B.A., Wichita State University, 1962; M.A., Western Washington State College, 1965

DAVID WAYNE BALLEW, B.A., M.A., University of Oklahoma, 1962, 1964

JOHN WILLIAM CASE, B.S., Iowa State University of Science and Technology, 1964; M.S., 1966

MARK PENDLETON HALE, JR., A.B., Harvard College, 1964; A.M., 1965

LOWELL JOHN HANSEN, B.A., Bemidji State College, 1965; A.M., 1966

HAROLD JACOBS, B.S., City College of New York, 1964; M.S., 1966

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*In Spanish*

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VIJENDRA NATH ASOPA, B.Sc.Agr., M.Sc.Agr., University of Udaipur, 1963, 1965  
 WAYNE ALLEN HAYENGA, B.S., 1964  
 GEORGES LOUIS JULIEN HONHON, Ing.Agr., University of Louvain, 1963  
 CAROLINA JYH-JYE KING, B.S., National Taiwan University, 1966  
 KENNETH GORDON MCMILLAN, B.S., 1967  
 ALFRED LEON PARKS, B.S., Agricultural, Mechanical and Normal College (Arkansas), 1967  
 CHAISUNG ROH, LL.B., Seoul National University, 1963  
 JOYCE MAHN TSAI, B.S., National Taiwan University, 1967  
 HIROSHI TSUJII, B.Ag., Kyoto University, 1964

*In Agricultural Engineering*

PETER DALE BLOOME, B.S., 1965  
 THOMAS LEE HANNA, B.S.Ag.E., Purdue University, 1967  
 GIRISH BAHADUR JOHRI, B.Tech.(Hons.), Indian Institute of Technology (Kharagpur), 1964

*In Agronomy*

THOMAS MICHAEL BALLAGH, B.S., Cornell University, 1967  
 LARRY LEE CASEY, B.S., 1959  
 WILLIAM ANTHONY FEIST, B.S., 1967  
 ELMER EUGENE RANKIN, B.S., Southern Illinois University, 1963  
 LARRY LYNN WACHTEL, B.S., 1967

*In Animal Science*

EVERETT GRAY ALDRIDGE, B.S., Kansas State University, 1966  
 WILLIAM KEN BAUMGARTNER, B.S., 1967  
 MAX LESLIE HERSHBARGER, B.S., 1968  
 LARRY LEE KRUSEMARK, B.S., 1968  
 ALLEN DUANE LEMAN, B.S., B.S., D.V.M., 1966, 1967, 1968

*In Architectural Engineering*

PRABIR KUMAR ACHARYYA, B.Arch., Dipl., University of Calcutta, 1961, 1962  
 JOSEPH LOUIS FARRUGGIA, B.Arch., 1969  
 STEPHEN HAROLD HAGEN, B.Arch., 1968  
 RONALD HASON, B.Arch., 1968  
 KENT MITCHELL KEEGAN, B.Arch., Rhode Island School of Design, 1968  
 DAVID JEROME WICKERSHEIMER, B.Arch., 1967

*In Astronomy*

JOHN HERMAN BIERITZ, B.S., 1967  
 MARSHALL BARRY FAINTICH, B.S., University of Missouri, 1968  
 HORATIO PETER LAVENDER, B.S., Boston University, 1966; S.M., Massachusetts Institute of Technology, 1967  
 CAROLYN LOWREY MATTHEWS, A.B., Radcliffe College, 1962  
 THOMAS LESLIE MAY, B.A., M.A., Texas Christian University, 1962, 1963  
 GENE EDWARD SMRZ, B.S., Roosevelt University, 1965  
 EDWARD WAYLAND WEIS, B.S., 1962

*In Botany*

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

*In Ceramic Engineering*

LEONARD BART SIS, B.S., 1967

*In Chemical Engineering*

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

*In Chemistry*

- PATRICIA ANNE BALLWAY, B.S., Marquette University, 1967  
JOHN MATTHEW BURNS, B.S., Canisius College, 1967  
ELMA ZAGUIRRE CABALLES, B.S., University of the Philippines, 1967  
LARRY FRANCIS CHARBONNEAU, B.A., Mankato State College, 1964  
STEPHEN NORMAN CHESLER, B.S., University of California (Los Angeles), 1966  
KATHERINE FUSAE CRAMER, B.A., University of Hawaii, 1966  
BARBARA JUNE GRUNER, B.S., 1961  
GARY LEWIS HEDDEN, B.A., University of Oregon, 1967  
RALPH ONEY JOHNSTON, JR., B.S., University of Wisconsin, 1967  
WILLIAM LANE LANCASTER, B.S., University of Arizona, 1967  
ATHMANATHAN MANI, B.Sc., M.Sc., University of Bombay, 1964, 1967  
LYDIA ELIZABETH MOISSIDES, B.S., Aurora College, 1967  
KATHARINE ANN MYERS, B.S., University of Wisconsin, 1967  
MARY ELLEN PHELAN, A.B., Smith College, 1967  
BRANKO NESTOROV POPOV, Dipl., University of Skopje, 1964  
JOAN MARIE RYAN, A.B., College of New Rochelle, 1967  
ELIZABETH JEAN SWANSON, B.S., Pennsylvania State University, 1966  
NOEL HARVEY WATKINS, B.A., University of South Florida, 1967

*In Civil Engineering*

- JAMES EDWIN AHLBERG, B.S., 1968  
BASIL LAWSON ANDERSON, B.S., Technion, Israel Institute of Technology, 1968  
THEERAPONG ATTAJARUSIT, B.E., Chulalongkorn University, 1966  
EDWARD RAYMOND BRADLEY III, B.S.C.E., Drexel Institute of Technology, 1967  
LARRY DENNIS BROOKS, B.S., 1968  
ROY BERNARD BUCKNER, B.S., 1962  
ALAN BERNARD BUTLER, B.S.C.E., Northeastern University, 1967  
LEONARD THADDEUS CARB, B.S.C.E., Purdue University, 1967  
WILLIAM DONALD COUCH, B.C.E., Georgia Institute of Technology, 1967  
CHARLES ELGIN DOMINY, B.S., United States Military Academy, 1962  
BRUCE RUSSELL ELLINGWOOD, B.S., 1968  
PAUL DOUGLAS ENGELING, B.E.S., University of Texas, 1967  
STANLEY ERLAND FREDRICKSON, B.S., University of Wisconsin, 1965  
ANTHONY GEORGE GIROLAMI, B.S., 1968  
FOREST LEE GREENAWALT, A.B., Berea College, 1962  
JORGE ENRIQUE HACELAS MARINO, Ing.Civ., Pontificia Universidad Javeriana, 1967  
JACK KENNETH HAMM, B.S., 1941  
VICTOR LUIS HERNANDEZ, B.E., City University (New York), 1964  
PETER ROBERT HOMAN, B.S., 1968  
GARY EUGENE JAHRAUS, B.S., 1967  
RAUL SANTIAGO LOPEZ, Geologo, National University of Cordoba, 1964  
KENNETH MUN SUNG MARK, B.S., University of Hawaii, 1968  
VAROJAN MOSSIOSSIAN, Dipl., Technische Hochschule Stuttgart, 1965  
PREM NARAINDAS PANJWANI, B.E., Sardar Patel University, 1967  
WILLIAM CHARLES POLACEK, B.S., 1968  
KARL LAWRENCE REICHELT, B.S., United States Coast Guard Academy, 1963; B.S., 1968  
GEORGE BERNARD REYNOLDS, B.S., United States Naval Academy, 1965  
WESLEY RAYMOND SHOOKS, JR., B.S., Michigan State University, 1968  
DAVID EDWIN WEATHERBY, B.S.C.E., University of Maryland, 1968  
JON RICHARD WHITTAKER, B.S., 1968  
TIMOTHY WAYNE ZEIGLER, B.S., 1968

*In Computer Science*

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



YUTAKA MATSUSHITA, B.Sc., Keio University, 1963  
 THOMAS EDMUND MCCARTHY, S.B., Massachusetts Institute of Technology, 1967  
 LARRY JAMES PETERSON, B.S.E., University of Michigan, 1965  
 JOHN MARTIN RETTIG, B.S.E.E., University of Cincinnati, 1968  
 BETH CARSON RICHARDSON, B.S., 1966  
 RAJ KUMAR VOHRA, B.A., M.A., Panjab University, 1957, 1960  
 RICHARD ALVIN WELLS, B.A., University of Texas, 1964  
 SALLY FOOTE WILKINS, B.A., University of Kansas, 1964

*In Dairy Science*

DAVID EDWIN DEKAY, B.S., University of Idaho, 1966  
 ROGER ALLEN MUSSELMAN, B.S., 1967  
 ELAINE NYUHA, B.S., University of Hawaii, 1965

*In Economics*

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

*In Education*

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

*In Electrical Engineering*

JOHN MICHAEL BARRETT, B.S., Christian Brothers College, 1961  
 LOUIS JOHN BUKAUSKAS, JR., B.S., Colorado State University, 1965  
 AUGUSTO CABANA, B.S.E.E., University of North Dakota, 1967  
 JOHN EDWARD ERICKSON, B.S., 1968  
 JAMES GEORGE EDWARD FARNUM, B.S.E.E., University of Wisconsin, 1962  
 STANLEY EDWIN GROOTHUIS, B.Sc., University of Nebraska, 1953  
 ELTON ANTHONY HOPPER, B.E.E., Auburn University, 1967  
 MOHAMMAD JAMSHIDI, B.S., Oregon State University, 1967  
 DANIEL JOSEPH LOMBARDI, B.S., 1968  
 MICHAEL REID PAIGE, B.S., Worcester Polytechnic Institute, 1968  
 LARRY M. PETERSON, B.S., 1965  
 THOMAS WILLIAM SCHULTZ, B.S.E., University of Connecticut, 1967  
 ROBERT MICHAEL STARNES, B.S., Texas A & M University, 1967  
 CRAIG ROLAND TALBOTT, B.S., 1968  
 JAY ROBERT TYNE, B.S., 1967  
 WILLIAM ARTHUR VIERTTEL, B.S., Cornell University, 1967  
 HARRY RICHARD ZWICKER, B.S.E.E., Purdue University, 1967

*In Entomology*

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

*In Finance*

STEVEN JAY COLBERT, B.S., Roosevelt University, 1968  
 JAMES WILLIAM MELTON, B.S.B.A., University of Missouri, 1967  
 MACAULAY UMUNA NWABARA, B.S., 1968  
 MARK ELLIS SILBER, B.B.A., University of Wisconsin, 1966  
 ANTHONY CHARLES STEPPER, B.S., 1968

*In Food Science*

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

*In Forestry*

DONALD FRANCIS HOLECEK, B.S., 1964  
 STANLEY KENNETH SIPP, B.S., 1967  
 ROBERT LOUIS TORTORELLI, B.S., 1967

*In Geography*

JAMES GOODMAN DOBBINS, A.B., 1967

JOHNNY RAY HUBBARD, B.S., United States Military Academy, 1960

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

*In Geology*

RICHARD WOODMAN ELY, A.B., Cornell University, 1962

CHARLES HENRY SIMONDS, B.S., Stanford University, 1967

*In Health Education*

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

*In Home Economics*

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

BARBARA JEAN GOETZE FISHER, B.S., 1966

JUDITH ANN HOPPIN, B.S., 1967

ADLON DOHME JORGENSEN, A.B., 1959

NANCY JO LEACH, B.S., 1967

JOYCE NIES RICHARDSON, B.S., 1966

DIPALI ROY, B.Sc., M.Sc., University of Jabalpur, 1962, 1966

NORMA LURTZ ZIEGLER, B.S., 1954

*In Horticulture*

WELLINGTON FOSTER ANTHONY, B.S., Rutgers, The State University, 1965

JAMES QUENTIN AYLSWORTH, B.S., Ohio State University, 1964

ANNE HUANG CHENG, B.S.Ag., National Taiwan University, 1965

*In Industrial Engineering*

DON LEROY ANDERSON, B.S., 1967

MICHAEL HANS JAHN, Dipl.Ing., Technische Hochschule, 1966

ROBERT DAVID JONES, B.S., 1968

MIGUEL POSADA, B.S., University of Florida, 1967

*In Journalism*

JUNE ELIZABETH DAVIS, A.B., 1967

CHARLES SCOTT THOMAS, A.B., 1960

SALLIE ANN WHELAN, B.S., Bradley University, 1953

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

*In Library Science*

LINDA CLARK ALLARDYCE, B.A., Miami University, 1968

JARY ALINE ALLEN, A.B., 1968

JANET LEE ALLGAIER, A.B., 1967

ROSEMARY ANTHONY, B.S., Memphis State University, 1968

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

PHILIP MARINO CALCAGNO, B.A., Southern Illinois University, 1968

ELIZABETH ROSS COWART, B.A., Birmingham Southern College, 1967

ROBIN DENISE CRICKMAN, B.A., Harpur College, 1968

LOUISE EISENHauer CROOK, A.B., 1966

ADELE SCHULER DOUGLASS, B.A., University of Wisconsin, 1961

MARY ELVIN ECKERT, B.A., Manhattanville College of the Sacred Heart, 1963

ANN SILVER GOTTLIEB, B.A., Pennsylvania State University, 1967

DIANTHA SCOTT HAWK, B.A., University of Denver, 1963

JANE LOUISE HOPKINS, B.A., Greenville College, 1968

RITA JOYCE JENNINGS, B.A., Greenville College, 1968

NANCY JOHANNA KELLER, B.A., Juniata College, 1968

DOROTHY MARIE KESTEL, B.A., Briar Cliff College, 1958

SARA ELLEN LONG, B.S., Illinois Wesleyan University, 1964

GEORGINE MARES, A.B., Hunter College, 1968

MARGOT BLANCHE MCBURNEY, B.A., Principia College, 1953

STANLEY DAVID MOREO, B.A., Wabash College, 1968

LINDA BUTTS MURPHY, B.A., Old Dominion College, 1965; A.M., 1968  
 SANDRA MORGAN OTT, B.S. Northern Illinois University, 1966  
 RICHARD NEIL PECK, B.A., Eureka College, 1965  
 JANE MELANIE PHILLIPS, B.A., Muskingum College, 1963  
 GAIL ANN PORTER, B.A., Denison University, 1968  
 VIRGINIA MCCARTHY SHIELDS, B.A., Georgia State College, 1967  
 JANICE THOMPSON SHULL, B.A., Ball State University, 1968  
 SISTER MARION SCHRADER, B.A., Loyola University, 1955; A.M., St. Louis University, 1964  
 LEIGH ANN SMITH, A.B., Lindenwood College, 1968  
 MARY BETH SMITH, A.B., University of South Dakota, 1965  
 ROBERT SOKAN, B.A., St. Procopius College, 1954; A.M., 1955  
 SUE MCKIBBIN STEINHOUR, A.B., 1968  
 SHIRLEY ANN TEWES, B.S., 1965  
 MARILYN JEAN WEISSMAN, A.B., Western Michigan University, 1964; A.M., 1965

#### *In Management*

EUGENE LOUIS BERGERON, B.S., 1964  
 AHMED FADEL ABAS AHMED MEKKY, B.Com., Cairo University, 1962

#### *In Marketing*

CHARLES EDWARD DYKO, B.B.A., Western Michigan University, 1965  
 EDWIN CONNER HACKLEMAN, JR., B.S., 1967  
 STEVEN HENRY ISENBERG, B.S., 1965  
 FRANCIS DONALD SCHLIEF, B.S., Loyola University (Illinois), 1952  
 JOHN ROLAND SHOWALTER, B.A., Maryville College, 1964

#### *In Mathematics*

ROGER LEE ANGEVINE, B.S., Western Kentucky State College, 1968  
 ANNE LOIS BERNSTEIN, B.S., University of Maryland, 1968  
 ALVIN LYLE BOYD, B.S., 1963  
 LEO PAUL COMERFORD, JR., B.S., Villanova University, 1968  
 ANNABELLE POWELL CORBOY, B.S., University of Texas, 1968  
 DAVID WALTER DEAN, B.S., Illinois State University, 1967  
 PAMELA ARLINE EDWARDS, B.A., Fisk University, 1967  
 MICHAEL ALAN FARMER, B.A., Georgia State University, 1964  
 AARON LOUIS FELDER, B.S., California Institute of Technology, 1968  
 STANLEY JOHN FLOWERDEW, B.S., University College (London), 1966  
 ALEXANDER HILL, B.Sc., University of Glasgow, 1962  
 RICHARD DANIEL HURWITZ, B.A., Macalester College, 1968  
 JUDITH ELAINE KALDENBERG, B.A., University of Northern Iowa, 1968  
 THOMAS EDWARD KOMAN, B.A., Hiram College, 1967  
 EDWARD YOSHIO KUNITA, B.A., Northwestern University, 1965  
 CAROL SUE LEHMANN, B.S., University of Michigan, 1968  
 CATHLEEN BODE MANGAN, B.S., 1966  
 MARGARET ANN MASLAK, B.S., University of Maryland, 1968  
 NANCY ANN MCMANUS, B.S., St. Louis University, 1966  
 DALE LEWIS NEADERHOUSER, A.B., Cornell University, 1967  
 LINDSAY WALLACE JOHN REED, JR., B.A., College of Santa Fe, 1965  
 JAMES ASHTON SCHAEFER, B.S., Marietta College, 1965  
 JEFFREY ALAN SCHULTZ, B.S., 1968  
 PHYLLIS ELLEN SHAPIRO, B.A., State University of New York (Buffalo), 1968  
 TSAO-WEN SHU, B.S.E., Taiwan Provincial Cheng Kung University, 1961; M.S., Cornell University, 1966  
 EDYTHE FAY SWID, B.A., State University of New York (Binghamton), 1968  
 JOHN DAVID THOMAS, B.S., 1966  
 KAI-WEN TU, B.S., University of Wisconsin, 1966  
 SUBRAMANIAN VENKATESWARAN, B.A., M.Sc., University of Madras, 1958, 1960  
 WILLIAM CHARLES WESTER, B.S., St. Louis University, 1968  
 SAI-KIE WONG, B.S., Oklahoma State University, 1967

#### *In Mechanical Engineering*

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

JOHN PHILIP DECHOW, B.S., 1966  
PHILIP MARK GERHART, B.S., Rose Polytechnic Institute, 1968  
ERICK ARDIN JOHNSON, B.S., 1968  
JAMES WILLIAM LEWIS, B.S., 1968  
BRIAN HENRY NAGAMATSU, B.S., Union College, 1967  
ERIC LEE STORM, B.S., 1968  
WILLIAM CHARLES TROMMER, B.S., University of Iowa, 1968  
STEPHEN KIN-KEUNG TUNG, B.S., 1967  
JAMES ANTHONY TUREK, B.S., 1968  
ROBERT CHARLES WINN, B.S., 1968  
MICHAEL KEITH WYFFELS, B.S., 1967

*In Metallurgical Engineering*

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

*In Microbiology*

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

*In Mining Engineering*

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

*In Music Education*

JACK DALE ANDERSON, B.M.E., Millikin University, 1966  
GARY PHILLIP BANGSTAD, B.M.E., Gustavus Adolphus College, 1965  
MARILYN DVORAK BLATTER, B.S., 1966  
BARBARA ELIZABETH MEYERS GEIS, B.S., 1962  
KAREN LAURA HAFENRICHTER, B.S., 1967  
KARRELL JOHN JOHNSON, B.Mus., University of Texas, 1960  
MERVIN ALLEN JONES, B.S., Florida Agricultural and Mechanical University, 1962  
ANNE ELAINE LEHMANN, B.S., Illinois State University, 1966  
BARBARA HILL MOORE, B.Mus.Ed., Lincoln University, 1965  
PATRICIA LEE NOLAND, B.Mus.Ed., Indiana University, 1965  
DEONNE BETH ORVIS, B.Mus., Michigan State University, 1964  
MARY HENDERSON PALMER, B.S., 1966  
THOMAS LAWRENCE PITUK, A.B., Rutgers, The State University, 1968  
PATRICIA ANN ROBERT, B.S., Northern Illinois University, 1965  
RONALD HERBERT SELLE, B.S., 1968  
CATHERINE LOIS SHERWIN, A.B., 1967  
JOYCE ELAINE TEDROW, B.S., Indiana State University, 1968  
DORA CHOW TSANG, B.M., Oklahoma Baptist University, 1966  
ROBERT ALAN WESSLER, B.M.E., Bradley University, 1961

*In Nuclear Engineering*

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

*In Nutritional Science*

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

*In Physical Education*

LINDA KAY BUNKER, B.S., 1968

FRETHMAN ANIBAL HERVAS, Lic.Ciencias., Central University of Ecuador, 1969

CLAIRE MARIE-PAULINE MARCIL, C.A.P.E.P.S., Ecole Normale Supérieure d'Éducation Physique, 1965

RICHARD RANDAL POWELL, B.S., Oregon State University, 1968

JOHN EMIL SCHLOSSER, B.S., Springfield College, 1965

*In Physics*

ROBERT DALE ANDERSON, B.S., University of Michigan, 1968

RONALD GRAY BUCHER, B.S., Virginia Polytechnic Institute, 1968

ROBERT FRANCIS CAHALAN, A.B., Villa Madonna College, 1968

SCOTT ODELL EDWARDS, B.A., Pomona College, 1968

DAVID MICHAEL JONCICH, B.A., DePaul University, 1967

RICHARD CARL MAYER, B.A., Quincy College, 1962

ALBERT MIGLIORI, B.S., Carnegie Institute of Technology, 1968

GAIL PERSHING NORSTROM, JR., B.S., University of Tulsa, 1968

BIJAN PARHAMI, B.S., 1968

ROBERT GREGORY PETERSON, B.A., Saint Olaf College, 1967

TERRY LINN PITCHFORD, B.A., Southern Illinois University, 1968

JOHN EDWARD POPE, B.S., Northern Illinois University, 1962

LYNN EDWARD REHN, B.A., Albion College, 1967

DONALD RICHARD ROSENBAUM, B.S., Cornell University, 1967

LARRY ALLEN SCHWALBE, B.S., 1968

BOBBY RANDOLPH SCOTT, B.S., Southern University and Agricultural and Mechanical College, 1966

STEPHEN HEI-YUEN SUNG, B.S., University of California, 1967

CARLTON ANTHONY TAFT, Lic., University of Panama, 1967

JOHN SHI SUN WEI, B.S., 1968

DOUGLAS MICHAEL WHITMORE, B.S., 1969

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

*In Physiology*

JAMES MERRITT DOWNEY, B.S., Manchester College, 1967

SUZANNE FINK EVANS, B.A., Miami University, 1967

KAREN MINCKLER HART, B.S., Utica College, 1967

CHARLES THOMAS MEYER, B.A., Ohio Wesleyan University, 1967

PETER JAMES SCHMITZ, B.S., St. Procopius College, 1966

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

*In Plant Pathology*

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

*In Radio and Television*

ELVIN WESLEY MILLER, B.A., Oklahoma Baptist University, 1949

NICHOLAS PETER PELLEGRINO, A.B., 1967

GARY AUSTIN WITT, B.S., 1968

*In Recreation*

SUE ANN SPYTEK, B.A., Southern Illinois University, 1967

SALLY BYRNE TENNIS, B.S., Eastern Illinois University, 1967

*In Sanitary Engineering*

JOEL IVES BARKMAN, B.S., University of Vermont, 1964

ALI RASOOL JAVAHERI, B.Sc., Abadan Institute of Technology, 1966

MICHAEL EDWARD LEIFER, B.S., 1968

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

*In Speech Correction*

JANE DAGUE BARRY, B.S., Western Illinois University, 1966

ELAINE GRIFFIN DAVIS, B.S., Jackson State College, 1966

*In Statistics*

MARSHALL HILARY MEDOFF, B.S., Illinois Institute of Technology, 1967

STEWART ARNOLD SCHUSTER, B.S.A.Math., Washington University, 1967

*In the Teaching of Biological Sciences and General Science*

HELEN JANET DAHMAN, B.S., 1965  
BARBARA WORNER GERRIETTS, B.S., 1967  
MARY LOUISE GOBEL, B.A., Kansas State University, 1967  
LA VERNE LOIS PAIFOLAS, A.B., 1968

*In the Teaching of Chemistry*

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

*In the Teaching of Geography*

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

*In the Teaching of Mathematics*

DEAN JOHN BAILEY, B.S., Winona State College, 1965  
CELIA LO BOSCO, B.S., 1968  
MARGARET FREMAN MAMOUN, B.S., South Dakota State University, 1965  
PETER J. RASMUSSEN, A.B., Temple University, 1963  
MARIAN ROBINSON, B.A., Marian College, 1957  
SISTER MARY ADELE KRZMARZICK, B.S., Notre Dame College, 1962  
SISTER MARGUERITE MARIE STAPLETON, A.B., Immaculata College (Pennsylvania), 1965  
EVA MARY SMITH, B.S., University of Dubuque, 1963  
MARY SNOUFFER, A.B., Lawrence College, 1968  
WILLIAM CHARLES THUMM, JR., B.S., Saint Joseph's College, 1965  
JOSEPH DINH CHAU TRAN, B.S., University of Santo Tomas, 1963  
JUDITH PAULINE VYSKOCIL, B.S., 1968

*In Theoretical and Applied Mechanics*

VICTOR NILES BENSON, B.S.M.E., Illinois Institute of Technology, 1965  
GARY WILLIAM FRIEND, B.S.M.E., State University of Iowa, 1964  
DAVID CLAUDE HOLLOWAY, B.S., 1966  
JAMES LOUIS PARRISH, JR., B.S., Johns Hopkins University, 1964  
DAVID NORMAN POLASKI, B.S., 1964  
JOHN PAUL TURCOTTE, B.E., McGill University, 1959  
LESLIE LARRY WICKLUND, B.S.M.E., Bradley University, 1966

*In Veterinary Medical Science*

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

*In Zoology*

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

*Degree of Master of Music*

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

JAMES AUGUST CUOMO, B.A., North Texas State University, 1966  
 JON CHARLES DEAK, B.M., Juilliard School of Music, 1965  
 LYNN ANN DOEPEKE, B.M.E., Wichita State University, 1968  
 MARY ELIZABETH GILLILAND, B.Mus., 1944  
 THOMAS RICHARD HEWES, B.M., Heidelberg College, 1965  
 JULIA ELLEN HUBBARD, B.S., Illinois State University, 1959; B.Mus., 1967  
 JOAN MARIE KEISER, B.M., Illinois Wesleyan University, 1967  
 RICHARD THOMAS KVISTAD, Mus.B., Oberlin College, 1967  
 DAVID HAMMAN MAXWELL, B.Mus., 1968  
 RICHARD DONALD MCKEE II, B.A., Yale University, 1964  
 KAREN GRAFLAGE MCNEIL, B.Mus., Indiana University, 1965  
 ROBIN MCNEIL, B.Mus., Indiana University, 1964  
 TERRIE ANNE MOUNTZ, B.Mus., University of Kentucky, 1967  
 LINDA FOLSOM OTTSEN, B.Mus., Birmingham Southern College, 1967  
 LILLIAN BUSS PEARSON, B.M., Florida State University, 1967  
 BETTY RUTH PURSLEY, B.M., University of Texas, 1967  
 ROBERT ALLEN QUADE, B.M., B.M., University of Wisconsin, 1965, 1967  
 ALBERTO PEDRO RAFOLS, B.Mus., 1967  
 JAMES EDWARD ROSS, B.A., Clark University, 1966  
 LINDA DOROTHY RUSSELL, B.M., Muskingum College, 1967  
 ROGER LEEROY SHIELDS, B.Mus., 1965  
 DOROTHY HUBBARD SKIDMORE, B.Mus., 1962  
 JEANNE ELIZABETH STEYTLER, B.M., Murray State College, 1967  
 DARLENE CUTLER WILEY, B.M.Ed., College of Wooster, 1967  
 WILLIAM RONALD YADEAU, B.Mus., Baldwin-Wallace College, 1968

#### Degree of Master of Education

ELLEN ANN ABRAHAMSON, A.B., Augustana College (Illinois), 1960  
 LYNNE FARRINGTON ALLEN, B.S., Skidmore College, 1965  
 JUDITH RACKOW ANDERSON, B.S., 1968  
 AUDREY MARIE ARMISTEAD, B.S., Southern Illinois University, 1966  
 GARY MARTIN ARSHAM, A.B., Harvard College, 1963; M.D., Western Reserve University, 1967  
 SYLVIA ANNE ASHLEY, B.S., Baylor University, 1964  
 TRENNIA WEIDNER AUKERMAN, B.A., Pennsylvania State University, 1964  
 EARLADEEN THOMAS BADGER, B.S., University of Wisconsin, 1953  
 MELVIN SANFORD BAGAASEN, B.S., 1964  
 NANCY DIANE BARE, B.S.Ed., Eastern Illinois University, 1966  
 JASON ROGERS BARR III, B.S., Murray State University, 1964  
 SANDRA BURNS BEAK, B.S., Miami University, 1957  
 NORMAN VICTOR BENSON, B.A., Augsburg College, 1959  
 MYRNA LYNN BENTKOVER, B.S., 1968  
 SHARON REINHARDT BLANKENSHIP, B.S., Illinois State University, 1965  
 CLARA STURIES BOSSHART, A.B., 1963  
 RONALD IRVIN BOSTER, A.B., North Central College, 1961  
 PATRICIA HARRELL BRACEY, B.A., Bennett College, 1953  
 KAREN SMITH BRADD, B.S., Eastern Illinois University, 1966  
 SHEILA KAY BRADLEY, B.S., Millikin University, 1965  
 MARGERY WALTERS BROWNING, B.A., Greenville College, 1966  
 CYNTHIA SUZANNE BUCHWALTER, B.S., Millersville State College, 1965  
 ELEANOR BERNTSEN BUEHRIG, B.S., 1940  
 KATHERINE HAMEDER BURKEL, B.S., 1960  
 BARBARA BORING BURNSIDE, B.S., Southern Methodist University, 1954  
 GAYLE DIANE BYERS, B.S., Indiana University, 1968  
 GWEN GUILLET CALHOUN, B.A., Midwestern University, 1964  
 LOUISE MARGARET CAMPANELLA, B.S., Southern Illinois University, 1962  
 JIMMY WAYNE CASEY, B.S., Lane College, 1960  
 MING-CHUNG CHEN, B.A., Taiwan Provincial Cheng Kung University, 1963  
 JOHN DENNIS CLARK, B.S., Illinois State University, 1965  
 ROBERT GENE CLARKE, B.A., State College of Washington, 1960  
 BARBARA JEAN DEE, A.B., Oberlin College, 1966  
 JOHN LAWSON DICKINSON, B.F.A., 1967  
 SALLY MILES DICKINSON, B.S., Bowling Green State University, 1968

- SUSANNE GRETCHEN DORAN, B.A., Rockford College, 1963  
JEAN MCCARTHY DUNN, A.B., College of St. Francis, 1944  
THOMAS BERNARD DUNNING, B.A., Arizona State University, 1962  
ALLAN DOUGLAS ECKEL, B.S., 1968  
WILMA ELIZABETH EDMISTON, B.A., Centre College, 1965  
DAN DALE EHLER, B.S., Wisconsin State University (LaCrosse), 1968  
RICHARD CHARLES ELLIOTT, B.S., Rhode Island College, 1967  
LOUIS MARTIN ENGELBRECHT, B.S., B.S., 1951, 1951  
DONALD LEROY ERICKSON, B.S., 1960; M.P.H., University of North Carolina, 1965  
LINDA OHLSEN FERREIRA, A.B., 1967  
MARGIE MUTSCHER FOELBER, B.S., Butler University, 1961  
JOHN ROBERT FOGLEMAN, A.B., Augustana College (Illinois), 1965  
BARBARA DALE DEUEL FORSTER, B.S., State University of New York (Cortland), 1962  
WILMA JEAN FOSS, B.S., University of Wisconsin, 1939  
KAREN PARSONS FRITSCHER, B.S., University of Delaware, 1967  
LINDA COLLINS FULLERTON, B.A., Wells College, 1968  
BARBARA ANN GERLOFF, B.S., Illinois State University, 1962  
JANET GLEASON, B.A., Edgewood College, 1959  
EARL LEAMAN GOODEN, B.S., Jackson State College, 1957  
CLAUDIA COLE GROSS, B.S., 1966  
GLEN KEN HAMILTON, B.A., George Williams College, 1968  
HENRY EDWARD HANKERSON, B.S., Florida Agricultural and Mechanical University, 1963  
ROGER WILLIAM HANLEY, B.S., Loras College, 1966  
CAROLINE HALL HANNA, B.S., Wayne State University, 1966  
RAYKO MANO HASHIMOTO, B.A., University of California, 1958  
GLEN ELTON HASTINGS, B.S., Kansas State College of Pittsburg, 1959; M.D., University of Kansas, 1962  
ETHELBYN BROYLES HATFIELD, B.S.H.E., University of Arkansas, 1954  
SHIRLEY JACKSON HELBER, B.S., 1957  
ALICE ELAINE HEMPHILL, B.S., Northern Montana College, 1962  
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SYLVIA TSURUKO HIGA, B.M., University of the Pacific, 1967  
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SUSAN IRIS HOROWITZ, B.A., Brooklyn College, 1968  
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SUSAN BESS JACOBS, B.A., Queens College, 1968  
STUART ERNEST JENKINS, B.A., DePauw University, 1964  
KATHLEEN MARGARET JOHNSON, B.S., 1963  
SIDNEY MEREDITH JONES, B.S., Illinois State University, 1964  
AVIS KNUDSEN JORGENSEN, B.S., University of Colorado, 1966  
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TAKUO KINOSHITA, B.A., Aoyama Gakuin University, 1966  
ROBERT OLIVER KNIGHTON, B.S., Madison College (Virginia), 1964  
RUTHANN KOHLMAN, A.B., Hope College, 1965  
ANN KAZUKO KOIKE, Ed.B., University of Hawaii, 1968  
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CAROL ROSE LEVY, B.A., University of Denver, 1968  
RANDY BOB LEWIS, B.A., University of California (Santa Barbara), 1968  
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CHARLES SILAS LLEWELLYN, JR., B.A., Roberts Wesleyan College, 1953; B.D., Asbury Theological Seminary, 1956  
MARGARET ANN MACNEIL, A.B., 1966  
ANNETTE MAFFIA, B.A., Lawrence University, 1966  
FRANCES ELLEN MCCAULEY, B.S., University of Oregon, 1967  
LOLA CONSTANCE MCCLINTON, B.S., Southern Illinois University, 1966  
ROSEMARY HELEN BOEHLE MCCREARY, A.B., A.M., 1965, 1968  
CECIL EUGENE MCGREW, B.S., 1962



ROSETTA JORDAN MCINTOSH, B.S., Black Hills State College, 1941  
MARGO MELNICOVE, B.S., Northwestern University, 1968  
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JOAN DOROTHY MIKYSKA, B.A., College of St. Francis, 1966  
JULIA RUDYNE MILLER, B.S.H.E., Hampton Institute, 1963  
JEANETTE ANN MILLES, B.S., Illinois State University, 1965  
MARILYN SPITLER MISNER, B.A., Albion College, 1968  
WILLIAM JAMES MITCHELL, B.S., 1968  
GERALD EDWARD MONIGOLD, B.S., Oklahoma State University of Agriculture and Applied Science, 1959  
RONALD JAY NYENHUIS, A.B.Ed., Calvin College, 1965  
ELAINE SHIRLEY OLSON, A.B., St. Olaf College, 1938; M.R.E., New York Theological Seminary, 1956  
DONALDA HARRISON PENNELL, B.S., Eastern Michigan University, 1953  
JESSE WILLIAM PERKINS, B.S., Southern Illinois University, 1949  
LYDA SUSAN PETERS, A.B., Regis College, 1965  
LORRAINE ANNE PIERSKI, B.A., College of Great Falls, 1956  
NORMA MOSIER PITTMAN, B.S., 1951  
JANICE LEE PORTER, B.S., Illinois State University, 1962  
CAROL JANE PULVER, B.S., Indiana State University, 1961  
FREDERICK JEFFRESS RAMSAY, B.S., Washington and Lee University, 1958; M.S., Ph.D., 1960, 1962  
ROBERT WHITLEY REYNOLDS, B.A., Suffolk University, 1967  
VINSON BEE REYNOLDS, B.S., 1968  
MERRY GERTRUDE RING, B.S., Indiana University, 1965  
RONALD LOUIS ROAKS, A.B., 1966  
THALIA PAVIS ROBERTS, B.S., Northwestern University, 1963  
RICHARD WALKER ROTH, A.B., 1967  
ALICE RICE SADLER, A.B., 1936  
ELLEN PRISCILLA SAUDER, B.S., 1965  
JUDITH ANN SCHEU, B.A., Elmhurst College, 1961  
ALEXIS JOY SCHMIDT, B.S., Western Illinois University, 1968  
BONNIE ANN SEDLER, B.S., Missouri Valley College, 1967  
LUCILLE FRISBIE SERNEL, B.A., University of New Mexico, 1966  
PATRICIA LOUISE SHANKS, B.A., Fort Wright College, 1952  
EVELINDA HINTZE SHARP, A.B., 1967  
JOHN HOWARD SHERMAN, B.S., Eastern Illinois University, 1960  
SISTER MARY PIUS GUTOSKI, B.S., Northern State College, 1963  
SISTER NEOMI HAYES, B.A., Incarnate Word College, 1962  
SISTER LEOLA LANGE, A.B., St. Ambrose College, 1955  
SISTER MARY CANISIA MAZIARCZYK, B.S., St. Xavier College, 1952  
SISTER MARY LOUISE SCHENDEL, A.B., Mount Mercy College, 1959  
MARGARET ANN SNOWDEN, A.B., 1968  
LYNN J. SNYDER, B.S., 1964  
JOHN GREY SPARKES, A.B., Olivet Nazarene College, 1960  
BRUCE ELDON SPIVEY, B.A., Coe College, 1956; M.D., M.S., University of Iowa, 1959, 1964  
JOHN EDWARD SULLIVAN III, A.B., 1965  
ARTHUR FRANKLIN THOMAS, B.S., Eastern Illinois University, 1966  
EDITH WHITE TIBBETTS, B.A., Tufts University, 1965  
GLORIA STOREY USHER, B.A., Illinois Wesleyan University, 1964  
GAIL YVONNE SNOW VANDERZANDEN, B.S., University of Oregon, 1964  
SARA JEAN HYDE VIAR, B.S., Illinois State University, 1968  
KAROL MARIE VOIGHT, B.A., College of St. Catherine, 1964  
MERRILL ROBERT WADE, B.S., Bob Jones University, 1953  
ROSELLA OSBORNE WAMSER, B.S., Southeast Missouri State College, 1963  
JANIE LEE WENDELKEN, B.A., DePauw University, 1968  
AVERILL ALLEN WEST, B.A., Northwest Missouri State College, 1966  
JUDI KOMAKI WHALLEY, B.A., University of Southern California, 1967  
JOAN LANDSMAN WHITMAN, B.S., 1967  
RONNIE FRANK WILLIAMSON, B.S., Illinois State University, 1966  
TERRY MILLER WILMOT, A.B., San Francisco State College, 1961

CYNTHIA CURTISS WISE, A.B., 1965

LYNNE CLARE WOLFF, B.S., Loyola University (Illinois), 1968

PEN-HUA LEE YANG, B.S., M.S., National Taiwan University, 1961, 1964

CHERRY Y. YIN, B.A., Taiwan Normal University, 1966

BERNADINE ALBRECHT YODER, A.B., Goshen College, 1963

ALAN HERSHEL YOUNG, B.P.E., McMaster University, 1968

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

### Degree of Master of Social Work

GLADSTONE FREDERICK ALLEN, B.A., M.A., Inter American University of Puerto Rico, 1966, 1968

GARY AUSLANDER, B.A., Roosevelt University, 1964

CHARLES BURGER, A.B., 1967

SUSAN GEORGIA BURKE, A.B., 1964

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

MARSCHA JEAN CHENOWETH, B.S., 1966

MARILYN KAY CLARKE, A.B., Knox College, 1964

DIANE IRMSCHER COMING, B.S., University of Wisconsin, 1965

GLEN STEPHEN COMING, B.A., Divine Word Seminary, 1964; M.S., Colorado State University, 1965

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

DELLA LOU CORIROSSI, B.A., Creighton University, 1966

CARL EDWARD CUTSINGER, B.A., North Park College and Theological Seminary, 1963

FRANCIS LUCAS DANIELE, B.A., Quincy College, 1966

GILA ELLEN DEKAY, A.B., 1967

JOHN ALFRED DEL GENIO, A.B., 1967

SARAH GLIDDEN DEMINK, A.B., 1966

BARBARA P. DEUTSCH, B.A., Denison University, 1948

JURDIS MARY DIERAUER, B.S., University of Wisconsin (Milwaukee), 1965

ALTON CLARK DUBOIS, B.A., Ohio Wesleyan University, 1967

JAMES GORDON EDWARDS, B.A., Concordia Teachers College, 1967

GERALD VICTOR EPP, B.A., Bethel College, 1965

JOSEPH EUGENE GARDNER, B.S., Loyola University (Illinois), 1967

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

PHYLLIS NATHANSON GILSON, B.S., 1946

ADELE KRAUS GOODKIND, A.B., University of Michigan, 1944

SHIRLEY GOLDMAN GOULD, A.B., 1967

MARILYN ELOISE GREEN, B.A., Fisk University, 1963

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

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

ALAN LEE HOLLIS, B.A., Manchester College, 1967

JANET JACKSON, B.S., Brigham Young University, 1967

VIRGINIA ANN JACKSON, A.B., Central State College, 1962

MICHAEL WILLIAM JACOBS, B.A., Roosevelt University, 1963

SANDRA ANN SORENSEN JENSEN, A.B., Wheaton College, 1968

LOIS MARY JOHNSON, A.B., San Francisco State College, 1949

JACK PAUL KARDULES, B.S., Wisconsin State College (Stevens Point), 1965

PATRICIA EMILIE KELTIE, A.B., Hillsdale College, 1964

LAWRENCE DOMENIC KOKKELENBERG, B.A., St. Procopius College, 1966

GORDON CLYDE LANGE, B.S., Wisconsin State University (Platteville), 1963

PETER PUI-TAK LEUNG, A.B., Olivet Nazarene College, 1965

ROY LONG, JR., B.A., Tougaloo College, 1962

ANITA MARIE LUTKUS, B.A., DePauw University, 1967

JOHN WILLIAM McDUGALL, A.B., Taylor University, 1967

AMY BARRETT MINER, B.A., University of Denver, 1967

SHARON MAE MINKS, B.S., Taylor University, 1964

FRANCES PAULINE MORSE, B.A., Knox College, 1965

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

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

BETTY GOODMAN NUDELMAN, B.Mus.Ed., Roosevelt University, 1954  
 JAMES MICHAEL OSTA, B.A., Niagara University, 1964  
 DOROTHY ESTELLE PEVEN, B.A., Roosevelt University, 1967  
 THEA ADAMS PIPES, A.B., University of California, 1957  
 MORTON S. PROPPER, B.A., Roosevelt University, 1967  
 RONALD ARTHUR RAGLAND, B.S., Lincoln University, 1956  
 CAROLYN JANE RMEL, B.A., University of Colorado, 1961; M.Ed., University of Minnesota, 1963  
 MARIE LOIS ROBINSON, B.S., Emmanuel Missionary College, 1958  
 STEPHEN BRUCE SCHAEFER, B.A., University of Denver, 1967  
 JOHN JOSEPH SCHMITT, B.A., Marquette University, 1966  
 DEE ELLEN SCHUCKER, B.S., University of Oregon, 1962  
 ELSIE BAIER SHIM, B.A., Marquette University, 1967  
 THOMAS GLEN SIMPSON, B.A., Southern Illinois University, 1967  
 SISTER MARY MARTHA CHAPMAN, B.S.N.E., Gonzaga University, 1961  
 KATHERINE MULLIKEN SMITH, A.B., 1967  
 STEPHANIE BRENDA SMITH, B.A., Syracuse University, 1960  
 SANDRA KAYE SPENCER, B.A., Kalamazoo College, 1963  
 SUSAN SELINGER SPITZ, B.A., Roosevelt University, 1965  
 WAYMON THURMAN STARKS, B.S., Agricultural, Mechanical and Normal College, 1961  
 RONALD ERNESTO STEINER, B.A., Roosevelt University, 1965  
 CHARLES JEROME STOVALL, B.S., Agricultural, Mechanical and Normal College, 1961  
 GEORGINE HECKO THOMPSON, B.A., Michigan State University, 1964  
 DANIEL PETER TOOMEY, B.A., Loras College, 1967  
 KATHLEEN THERESA VANDEHEY, B.A., College of St. Catherine, 1963  
 DOROTHY MAE VANDERPOL, A.B., 1966  
 BERNICE GREENE WILLIAMS, B.A., Roosevelt University, 1965  
 DARLENE HELEN WILLIAMS, B.A., Mundelein College, 1965  
 MARCIA JANE WILLSON, B.A., University of Wisconsin, 1966  
 LORETTA DAVIS WINEBERG, B.S., 1946  
 RICKA WOLFF YOUNG, A.B., University of Michigan, 1945

#### Degree of Master of Fine Arts

##### *In Design*

JOHN DAVID COLLEY, B.S., Murray State College, 1963; M.A., Columbia University, 1964  
 JOHN HENRY HANNA, JR., B.P.A., Art Center College of Design, 1962  
 YASUHIRO MATSUI, B.F.A., Carnegie Institute of Technology, 1967  
 JOSEPH SAMUEL SCORSONE, B.F.A., State University of New York (Buffalo), 1966

##### *In Painting and Printmaking*

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

##### *In Sculpture*

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

#### Degree of Master of Television

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

#### Degree of Master of Architecture

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

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

#### **Degree of Master of Accounting Science**

MARTIN HOWARD BIRNBAUM, B.S., 1968  
WILLIAM JOHN BURZYNSKI, B.S., 1968  
DAVID CAMPBELL FISHER, B.S., 1968  
ROY ALAN FLEGENHEIMER, B.S., University of Arizona, 1968  
ROBERT NOEL FREEMAN, B.S.B.A., University of Tennessee, 1968  
PHILIP MAX HANLEY, B.S., 1968  
THOMAS PATRICK KEARNEY, B.S., 1968  
CARL F. MAPLES, JR., B.S., University of Tennessee, 1968  
FRANK MITCHELL RACIBOZYNSKI, B.S., 1968  
JUAN MANUEL RIVERA FERNANDEZ, Contador Publico, Instituto Tecnologico y de Estudios Superiores de Monterrey, 1966  
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#### **Degree of Master of Business Administration**

KENNETH FREDERICK AFT, B.S.E.E., Bradley University, 1963  
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WALTER PAUL DIECKMANN, B.S., 1967  
VIKRAM DUTT, B.S., 1967  
DOUGLAS ALAN FRIEDRICH, B.S., 1967  
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RICHARD MAX GOTTLIEB, B.S., Pennsylvania State University, 1967  
PETER LOVELACE HEUMANN, B.S., Washington and Lee University, 1967  
RICHARD FRANKLIN HUNTER, B.S., North Carolina State University, 1963  
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PAUL JOSEPH MONCZYNSKI, B.S., 1967  
CRAIG EDWARD PLASSMEYER, B.S., 1967  
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CADAMBI ANANTHACHAR SRINIVASAN, B.E., University of Madras, 1949  
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#### **Degree of Master of Commerce**

RONALD KEITH BRADAC, B.S.B.A., University of Dubuque, 1967  
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#### **Degree of Master of Extension Education**

THOMAS LYNN DOUBET, B.S., 1968  
HUBERT HOMER FULKERSON, B.S., 1943  
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#### **Degree of Master of Landscape Architecture**

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

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WILLIAM FRANKLIN BROWN, A.B., 1967  
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 ROLAND LOCH, Dipl.Ing., Technische Hochschule Minchen, 1966  
 MILTON JAMES NICHOLAS, B.A., San Francisco State College, 1967  
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 JOHN GRAHAM PICKARD, B.Arch., University of Liverpool, 1967  
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 JAMES EDWARD STEELE, B.S., Hampton Institute, 1965  
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### Advanced Certificate

#### *In Education*

DALE RAINFORD BALDRIDGE, A.B., Millikin University, 1960; M.S., Southern Illinois University, 1968  
 ORLEN DARRELL BROWN, B.S., Eastern Illinois University, 1958; Ed.M., 1964  
 GENELLE LLEWELLYN CHRISTENSEN, B.S., Illinois State University, 1945; Ed.M., 1964  
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 DEANNA PALMER KAPLAN, B.S., M.Ed., Cornell University, 1961, 1962  
 DELILAH ALBERTA NEWELL, B.S., M.S., 1949, 1952  
 LYNTON MELVIN PIATT, B.S., Purdue University, 1951; M.S., Syracuse University, 1959  
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 WILLIAM EDWARD RIDER, B.S., Indiana Central College, 1947; M.S., 1951  
 WALTER JOHN ROWE, B.S., Stout State University, 1950; M.A., Northwestern University, 1956  
 SISTER BERNADETTE ZAYONC, B.S., Incarnate Word College, 1960; M.T.El.Ed., Central State College (Oklahoma), 1967  
 MARY VARNADO WALDEN, A.B., A.M., 1942, 1948  
 ALICE PHIPPS WHIREN, B.S., Michigan State University, 1963; M.S., Montana State University, 1964

#### *In Music Education*

WARREN AUSTIN FELTS, B.S., M.Mus., 1940, 1962  
 NEAL MYRON HARRIS, B.Mus.Educ., Wisconsin State University (Stevens Point), 1963; M.S., 1964  
 CAROLYN KAY HERTZ, B.S., M.S., 1962, 1965

### Certificate of Advanced Study in Librarianship

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 MARGARET PANNELL FLEMING, B.A., University of Colorado, 1946; M.A., University of Denver, 1950  
 LESSIE LOUISE HARPER GRAVES, A.B., West Virginia State College, 1930; B.S., M.S., 1934, 1953  
 ELEANOR J. HOEHN, B.A., Valparaiso University, 1948; M.S., Western Reserve University, 1950  
 LEOTA MAE JANES, B.A., Indiana State University, 1941; M.S., 1953  
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 URBAN JAMES STEINER, A.B., St. John's University, 1955; M.S., 1961

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 KENNETH RAY HODEL, Honors  
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WINN FINLEY WIKOFF

FRED WILLIAM WOLF

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IRWIN WESLEY IMMEL

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LINDA LEE BALE

CAROL ANN BECKER

MARGARET ELGIN BISS

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JANE ANN BUFORD

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ELLEN ANN DALY

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CRISTINA GUADALUPE ESCAT

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JANICE KAY JULIAN

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 DEBORAH ANNE McNEILL, High  
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*In Restaurant Management*

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**COLLEGE OF ENGINEERING**

**Degree of Bachelor of Science**

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 PAUL JOSEPH SULLIVAN  
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RICHARD DUANE BEYERS  
 JOHN LESLIE JESCHKE

RICHARD LEE JONES  
 WAYNE ANDREW KNEPP, Honors



JESS RALPH LIONBERGER  
NICHOLAS JOSEPH MARINICH  
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LARRY DALE SANDS  
ROBERT ALAN SUTTON, High Honors  
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DAVID VERLIN CUNNINGHAM  
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ROBERT EUGENE DAWSON  
JAMES LAWRENCE DRUMMOND  
OLIVER KEITH FRANCIS  
WAYNE ALAN JOHNSON  
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DENNIS ALBERT ROTT, Highest Honors  
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GERALD CLYDE ANTROBUS  
KENJI RICHARD AOKI  
JOHN ANGELO BANDERA  
ROBERT GEORGE BOIN  
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HARRY EDWARD CHOATE BUDD, JR.  
MOHAMED AKHTAR CHAUDRY  
ROBERT THOMAS DAILEY, High Honors  
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TOBY HAUT DUCKETT  
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 MAX WARREN KELLEY  
 JOHN MEREDITH MCKINNEY  
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*In the Teaching of Engineering Technology*

BRUCE LEONARD BUCHHOLZ

# Certificate in the Teaching of Engineering Technology

## *In Electronics Technology*

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OVERTON CHARLES CAMPBELL  
TIEN-REN RICHARD CHENG  
WILLIAM ROBERT DAVIS  
DAVID ROY DeVRIES  
DONALD FRANCIS FAMA

MARION RONALD FUCHS  
ROBERT ALLEN LEHMANN  
JOHN EDWARD LONG  
HOMER GUY MCLEAN  
WINTON LEROY SMITH  
RANDALL LYLE THOMPSON  
BENNIE WAYNE TSCHOERNER

## COLLEGE OF LIBERAL ARTS AND SCIENCES

### Degree of Bachelor of Arts

#### *In Home Economics*

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CHARLYN DEE BUTTERFIELD

#### *In Liberal Arts and Sciences*

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in Liberal Arts and Sciences

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THOMAS ALBERT ADLER

JESSE TERRY AIRAUDI, High Honors in  
Liberal Arts and Sciences

LYNN ROBIN AKERS, High Honors in  
Liberal Arts and Sciences with Dis-  
tinction in Mathematics

MARY RACHEL ALEXANDER

WILLIAM FRED AMIDEO

DAVID BALDWIN ANDERSEN

GEORGE PAUL ANDERSON

ROBERT RICHARD ARCHER, High Honors  
in Liberal Arts and Sciences

JANICE MARIE ARDAUGH

ROGER ARIEW, High Honors in Liberal  
Arts and Sciences with Distinction  
in Philosophy

ARMANDO DE JESÚS ARMENGOL

PETER JOHN ARMIN

KEITH SCOTT ARMOUR

PETER DAVID ARMSTRONG

MICHAEL PETERS ASCHMAN, with  
Highest Distinction in Political  
Science

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in Liberal Arts and Sciences

DAVID BUFORD ATKINS, Jr.

RICHARD LEE AUGUST, High Honors in  
Liberal Arts and Sciences with Dis-  
tinction in Sociology

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ROBERT LEROY BACHMAN

ANTHONY JOSEPH BADAME

ROBERT STEVEN BAIZER

CANDACE GALE BAKER

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JONATHAN ARTHUR BAKKER

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Distinction in Sociology

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COLLEEN MARIE BARROW

MARGARET DOROTHY BARTH

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Highest Distinction in Mathematics

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BARRY DANIEL BENSON

JOHN PHILLIP BENTLEY

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ors in Liberal Arts and Sciences  
with High Distinction in Anthro-  
pology

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ALAN BARNETT BERS

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ROZAMUND LINDA GAYNOR BEYNON

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Liberal Arts and Sciences with  
High Distinction in French

DALE LESTER BLANK, Honors in Liberal  
Arts and Sciences

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EDWARD ASHER BLUMEN

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eral Arts and Sciences with Distinc-  
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ors in Liberal Arts and Sciences  
with Highest Distinction in French  
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in Liberal Arts and Sciences  
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 IDA ELIZABETH COOK, High Honors in  
Liberal Arts and Sciences with Dis-  
tinction in English  
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 ELLIOTT RONALD DELMAN  
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 GILLIAN FRANCES DENSON  
 NEAL STEVEN DICKLER  
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in Liberal Arts and Sciences with  
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 JOSEPH DAVID FERRERO  
 PHILIP DAVID FIELD  
 ROBERT MUNRO FINCH  
 JOAN LEE FINE  
 WILLIAM HERBERT FIRCH (Post-  
 humously)  
 FAROLE ANN FISHER, Honors in Lib-  
 eral Arts and Sciences  
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 EDWARD WILLIAM FITZSIMMONS  
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 in Liberal Arts and Sciences  
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 Honors in Liberal Arts and Sci-  
 ences with Distinction in Anthro-  
 pology  
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 ences  
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 eral Arts and Sciences  
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 High Distinction in Political  
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 ors in Liberal Arts and Sciences  
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 MARY MELIKA GUIBOR  
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 SEYMOUR SAMUEL HANFLING  
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 ences  
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 Distinction in Political Science  
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 ences  
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 STEVEN HARLAN HERSH  
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 ANNE ELAINE HILDEBRAND, High  
 Honors in Liberal Arts and Sci-  
 ences with High Distinction in  
 English  
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 KATHLEEN ANNE HOAG, High Honors  
 in Liberal Arts and Sciences with  
 High Distinction in History  
 DANIEL ROBERT HOFFMAN  
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 DENNIS HOWARD HOLLOWAY  
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 BARBARA ALICE HOLTON, Honors in  
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 CHARLES EDWARD HUFF  
 JAMES EDWARD HUGHES  
 RUTH ANN HUGHES, High Honors in  
 Liberal Arts and Sciences with  
 Distinction in Anthropology  
 MILDRED JOSEPHINE HUSTON  
 JAMES WILLIAM HYNES  
 KELLY THOMAS HYNES, with Distinc-  
 tion in Economics  
 LYNN ADELE INTREPIDI  
 ROBERT CLEMENS JACOBINI, Honors in  
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 BOYD JARRELL, JR.  
 CATHY KUEBLER JENKINS  
 HUGH SCOTT JENNINGS  
 JOHN ROBERT JILEK  
 CHRISTINE GRACE JOHNSON, Honors in  
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 JANE ANN JOHNSON  
 JEFFREY MICHAEL JOHNSON, High  
 Honors in Liberal Arts and Sci-  
 ences  
 NELS PETER JOHNSON  
 PATRICIA ANN MARY JOHNSON  
 SAMUEL BROOKS JOHNSON  
 TIMOTHY VINCENT JOHNSON, High  
 Honors in Liberal Arts and Sci-  
 ences  
 PAUL LESTER JOHNSTON  
 CAROLYN LORRAINE JONAS, High Hon-  
 ors in Liberal Arts and Sciences

with High Distinction in Political  
 Science  
 CLINTON DOUGLAS JONES  
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 STEPHEN WITSELL JONES, High Honors  
 in Liberal Arts and Sciences  
 THOMAS MAURICE JONES, High Honors  
 in Liberal Arts and Sciences with  
 High Distinction in Economics  
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 MALCOLM LYLE KARLINSKY, Honors in  
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 CAROL ANN KARPS  
 LESTER GENE KATSURA  
 GARY LYNN KAUFMAN  
 ROY CURTIS KAUFMAN  
 LEE EIGE KAUFMANN, with High Dis-  
 tinction in History  
 BRIAN DUDLEY KAYSER  
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 RANDALL CLEL KELLER, High Honors in  
 Liberal Arts and Sciences  
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 BERT DON KIDD, with Distinction in  
 Political Science  
 ULRICH GOTTFRIED KIESOW  
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 in Liberal Arts and Sciences  
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 CAROLYN JEAN KIRBY, High Honors in  
 Liberal Arts and Sciences  
 CAROL OLANDER KLECKA, High Honors  
 in Liberal Arts and Sciences with  
 High Distinction in Political Sci-  
 ence  
 CARTER H. KLEIN, High Honors in Lib-  
 eral Arts and Sciences with High-  
 est Distinction in Political Science  
 LAUREN HARRIET KLEIN, High Honors  
 in Liberal Arts and Sciences with  
 Distinction in Sociology  
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 Liberal Arts and Sciences with  
 High Distinction in History  
 NANCY CAROL KLOETZLI  
 MARK JAY KNEEDY, High Honors in  
 Liberal Arts and Sciences

- NATALIE JAN KNOWLES, High Honors  
in Liberal Arts and Sciences with  
Distinction in Sociology  
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Liberal Arts and Sciences with  
Highest Distinction in Mathematics  
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in Liberal Arts and Sciences  
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Honors in Liberal Arts and Sci-  
ences  
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eral Arts and Sciences  
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and Sciences  
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tinction in Finance  
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eral Arts and Sciences  
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Distinction in History  
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ors in Liberal Arts and Sciences  
with High Distinction in German  
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eral Arts and Sciences  
 ELIZABETH LOUISE MARZEC, with Dis-  
tinction in English  
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Honors in Liberal Arts and Sci-  
ences with High Distinction in  
History  
 ROBERT WHITE MCCLINTOCK, High  
Honors in Liberal Arts and Sci-  
ences  
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Distinction in Political Science  
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with High Distinction in History  
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 GARY RAYMOND MICHAEL, with High  
     Distinction in English  
 JOSEPH ANDREW MICHALAK  
 BARBARA RYAN MILLER  
 CATHERINE LONG MILLER, Honors in  
     Liberal Arts and Sciences  
 MARLA GISELDA MILLER, Honors in  
     Liberal Arts and Sciences  
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     in Liberal Arts and Sciences with  
     Distinction in Finance  
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 ROGER LEE NAVIK  
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     Arts and Sciences  
 THEODORE HENRY NEUMANN  
 JACK ANTHONY NIES  
 PAUL RONALD NITZ, with Distinction  
     in Russian Language and Area  
     Studies  
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 SALLY JO NORTHCRAFT  
 CAROLE LYNN NORTON  
 HILLARY NAN NUSINOW  
 WILLIAM ARTHUR NYBERG  
 SUSAN BURKS OAKLEY  
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 SHEILA EVANICH O'CONNOR  
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     in Liberal Arts and Sciences with  
     Highest Distinction in German  
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 ROBERT WILLIAM OLDANI, Jr., High  
     Honors in Liberal Arts and Sci-  
     ences with Highest Distinction in  
     Mathematics  
 BARBARA NANCY ORI, High Honors in  
     Liberal Arts and Sciences  
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     in Liberal Arts and Sciences with  
     Distinction in English  
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 NANCY JEAN PATT  
 THOMAS DUNSTAN PATTON  
 ILZE PAULINS  
 DAVID ALAN PAULSON, Honors in Lib-  
     eral Arts and Sciences  
 JOHN LYNN PEABODY, High Honors in  
     Liberal Arts and Sciences  
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 MICHAEL JAMES PEMBROKE  
 SANDRA RAE PETAK  
 BARBARA BROWN PETERSEN  
 GERALD LEE PETERSON, High Honors in  
     Liberal Arts and Sciences with  
     Distinction in English  
 LINDA COOK PETERSON  
 WILLIAM SCOTT PETERSON  
 ROBERT THOMAS PETRINE  
 JOHN ROBERT PHILLIPS  
 BARBARA ELIZABETH PIAZZA  
 DAVID LEE PICKETT  
 THOMAS FRANK PIETRASEK  
 STEPHEN JOSEPH PIPPENGER  
 SONIA PISOCKYJ, with Distinction in  
     Russian  
 SHIRLEY LEE POE  
 PAMELA RAE POHLMAN  
 MYLES ELLIOT POMEROY  
 KIP RANDOLPH POPE, with Distinction  
     in Finance  
 CHARLES LADDY POTUZNICK, High Hon-  
     ors in Liberal Arts and Sciences  
     with Highest Distinction in History  
 GEORGE MICHAEL PRALL  
 JAMES RAMON PRESCOTT  
 NED LAROY PRICE  
 MICHAEL PROUSIS  
 PAUL ORVILLE PRYOR  
 MARC HOWARD PULLMAN  
 HANS PETER QUITSCHAU  
 GAIL ETTA RABINKOFF  
 TOM MICHAEL RANDALL  
 MARY LOU RAPTIS  
 RAMINTA VICTORIA RASLAVICIUS, High  
     Honors in Liberal Arts and Sci-  
     ences with Highest Distinction in  
     French  
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 KENNETH RAYMOND REDDING  
 GAIL ANN REED, High Honors in Lib-  
     eral Arts and Sciences with Dis-  
     tinction in Russian Language and  
     Area Studies  
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     Liberal Arts and Sciences  
 NANCY ANN REINERT

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 JOHN DAVID THOMAS  
 JOHN CHARLES THOMPSON  
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 JOHNSON CHIA-SHUN VAN  
 ROY THOMAS VAN ARSDALL  
 JODY KATHLEEN VAN DRESER  
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 CHARLES MILTON WOOD

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 SOPHIA JANE HALL  
 MARY ANNE HIGHTOWER  
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 SANDRA LYNN SCOTT, Honors in Liberal Arts and Sciences

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 GAIL TERRY SHAPIRO  
 GRETCHEN LOUISE SHAW, Honors in  
 Liberal Arts and Sciences  
 DEBORAH ELLEN SILVER  
 BARBARA JEAN STEPHAN  
 GAIL ANN SULLIVAN  
 BARBARA JEAN TARABORI, High Honors  
 in Liberal Arts and Sciences  
 ANITA JEAN TAYLOR, Honors in Lib-  
 eral Arts and Sciences

LYNN MARY THOMAS  
 JANET LEE USAS  
 WILLIAM F. VOBORNIK  
 CHERYL WAYLAND  
 REBECCA MARY WILLIS  
 REGINA LOU WRIGHT  
 SHARON REED ZARA, High Honors in  
 Liberal Arts and Sciences

*In the Teaching of French*

JANE SHARON BARBER  
 JEAN ANN BECKMAN  
 CHARLOTTE ANN BOVA, Honors in Lib-  
 eral Arts and Sciences  
 HILDEGARD KARIN SITTIG COCHRAN  
 PENNY LOU DOCKERY  
 SHARON ANN DOLLARD  
 PENELOPE ANN FREDING  
 MILDRED LOUISE FULL  
 EDMAY MARIE GREGORCY  
 CHERYL LYNN GUTTORMSEN  
 ARETHA HARROLD, High Honors in  
 Liberal Arts and Sciences with  
 Distinction in the Curriculum  
 ELAYNE ALLISON KALTMAN  
 DIANE WYNNE LARSEN, High Honors  
 in Liberal Arts and Sciences with  
 Distinction in the Curriculum  
 MARY Jo LIVENGOD  
 BARBARA ANN MOORE, High Honors in  
 Liberal Arts and Sciences with  
 Distinction in the Curriculum  
 ANITA GAYLE NORRIS, High Honors in  
 Liberal Arts and Sciences with  
 High Distinction in the Curriculum

GAIL LOUISE POFFENBERGER, High Hon-  
 ors in Liberal Arts and Sciences  
 with Distinction in the Curriculum  
 THERESA ANN SHINNERS  
 ARLENE SKRABALA, High Honors in  
 Liberal Arts and Sciences with  
 High Distinction in the Curriculum  
 ILENE CECILIA SMILER, Honors in Lib-  
 eral Arts and Sciences  
 MARY LYNETTE LOHR SMITH, High  
 Honors in Liberal Arts and Sci-  
 ences with Distinction in the Cur-  
 riculum  
 SANDRA SUE SMITH  
 DIANA STEPHANIE TOSCHAK  
 CLAUDIA ELISABETH TRAUTMANN  
 DONNA LEE UGOLINI  
 PATRICIA LYNN WALTERS  
 JANET LYNN WAXMAN  
 MARY NAUYALIS WINKLER, High Hon-  
 ors in Liberal Arts and Sciences  
 with High Distinction in the Cur-  
 riculum

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SONJA CHRISTINA BOTZEK  
 KATHERINE EILEEN CLARK, High Hon-  
 ors in Liberal Arts and Sciences  
 with High Distinction in the Cur-  
 riculum  
 MAUD THEA GRAU  
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 LEGRAND ARTHUR VAN SLYKE, with  
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JOAN DIANE STAMAS

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 in the Curriculum

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 eral Arts and Sciences  
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 LINDA MARIA CINCINELLI  
 GENOVAITE VERONIKA DUBICKAS, with Distinction in the Curriculum  
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 CYNDA SUE HIGGASON

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 SHEILA DIANE PARISH  
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 DENNIS EDWARD ROSE  
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 LINDA KAY WEST, High Honors in Liberal Arts and Sciences with High Distinction in the Curriculum  
 LINDA LOUISE ZIMONT

*In the Teaching of Speech*

BETTY GANO BAUMAN  
 SUSAN WOLFE BIDWILL  
 JANET VANDEVENDER FERREIRA  
 CAROLYN FAITH GRUNE  
 CAROL SUE HELLMAN  
 PAMELA JANE HORSLEY  
 EILEEN MAE KLEINBERG  
 INGRID MARIE LARSON

SANDRA FAYE NORRIS  
 JULIA ELLEN PAYNE  
 EILEEN TERRY POWELL  
 JESSICA SUE HARPER SCHWALBE, High Honors in Liberal Arts and Sciences  
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 DEBORAH JEAN WEIDER

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 SUSAN PATRICIA ARL  
 NAVVAB MUNIRIH FISCHER

JANICE JULIA HEISS  
 LESLIE LEE REITZ  
 CATHERINE LOUISE WAGNER

**Degree of Bachelor of Science**

*In Chemical Engineering*

RICHARD ALAN ARTHUR, with Distinction in the Curriculum  
 PAUL LEE ESCHMANN, High Honors in Liberal Arts and Sciences with Highest Distinction in the Curriculum  
 JAMES WILLIAM HAVLIN

ANDREW WILLIAM KRAMER III  
 VICTOR JOSEPH KREMESEC, JR.  
 JAMES ALAN LABANOSKY  
 THOMAS MICHAEL SHERIDAN  
 JOHN LEE SWOPE  
 WILLIAM CATHER WALKER  
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 GLENN JOHN BASTIAANS, High Honors in Liberal Arts and Sciences with Highest Distinction in the Curriculum  
 LARRY STEPHEN BRODSKY, High Honors in Liberal Arts and Sciences with Distinction in the Curriculum  
 JAMES ARTHUR BULL, High Honors in Liberal Arts and Sciences with Highest Distinction in the Curriculum  
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 DELBERT LEE COON  
 NEAL WARNER ELDRED  
 ROGER MERLIN FREIDINGER, High Honors in Liberal Arts and Sciences with Highest Distinction in the Curriculum  
 ROBERT FREDERICK FRICKE  
 MICHAEL ELWOOD GARST, with Distinction in the Curriculum

JOHN WALTER GOERS, with Distinction in the Curriculum  
 SCOTT ROY GOODE  
 CAREN MARIE GUNDBERG  
 ROGER HOWARD HELLEBUYCK, High Honors in Liberal Arts and Sciences with Highest Distinction in the Curriculum  
 GARY ALLEN HOUGEN  
 JOHN DAVID IMMELE, High Honors in Liberal Arts and Sciences with Highest Distinction in the Curriculum  
 EDGAR TADASU IWAMOTO, High Honors in Liberal Arts and Sciences  
 ALAN THOMAS JYLKKA  
 LEROY WAYNE KEISER, High Honors in Liberal Arts and Sciences  
 JAMES ROGER LAKE, with Distinction in the Curriculum  
 PAUL STEVEN LANGERMAN  
 LAWRENCE SHERMAN MELVIN, JR., with Distinction in the Curriculum

TERENCE STEPHEN MURTAUGH, High Honors in Liberal Arts and Sciences

ROGER LEE PANIZZI

GEORGE STEVEN PATTERSON, High Honors in Liberal Arts and Sciences with Highest Distinction in the Curriculum

PENELOPE MARIE POLAK

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JAMES KENTON WITSCHY, High Honors in Liberal Arts and Sciences with Highest Distinction in the Curriculum

*In Home Economics*

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MARTHA ANN DOLLENMAIER

*In Liberal Arts and Sciences*

RICHARD BRUCE ABEL, Honors in Liberal Arts and Sciences

KAREN WALENGA ABRAMOWSKI

JACQUELINE RAE ALLEN

PAMELA JILL ALLSPACH

CONSTANCE JOY ALVEY

DOUGLAS ARTHUR ANDERSON

BRUCE ROLF ANDREWS

DAVID MAX ANGLIN

EDWARD FRANCIS ARNETT, JR.

TERRY GENE ARNOLD

THOMAS NORMAN ARR

DENNIS ROYCE ARTER

ALICE ANNE ARTHUR

JOHN FREDERICK ASH, High Honors in Liberal Arts and Sciences with Highest Distinction in Psychology

RICHARD LEE AUGUST, Honors in Liberal Arts and Sciences

BARRY MELVIN BAKALOR

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DOROTHY ESTHER BALDWIN

MICHAEL ALLEN BARON

MARY ANN BASKERVILLE

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GEORGIA TRUDY BELLER

MICHAEL HERBERT BENDER

DAVID ALLEN BEREITER

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JOHN LESLIE BOBBITT

ALFONS AXEL BONDE III

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WALTER LEE BOYCE

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 tion in Mathematics  
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 LEWIS LEE LANDSMAN  
 LINDA LANGER  
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 Liberal Arts and Sciences with Dis-  
 tinction in Geology  
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 ors in Liberal Arts and Sciences  
 with Distinction in Actuarial Sci-  
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 SCOTT HILMAR MAYER, with High Dis-  
 tinction in Mathematics and Com-  
 puter Science  
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MARILYN SUE COHLMAYER

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DINA ZVENKO

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## COLLEGE OF LAW

## Degree of Juris Doctor

- JAMES NICHOLAS ALEXANDER, A.B., 1966  
 PAUL STEPHEN ALTMAN, A.B., 1966  
 ALGIS KASIMIR AUGUSTINE, B.A., University of Notre Dame, 1966  
 ATMORE L. BAGGOT, A.B., Princeton University, 1963  
 RICHARD JAY BARNETT, B.A., Beloit College, 1966  
 FREDERICK NEWCOMB BATES, A.B., 1963  
 DENNIS FREDERIC BATT, B.A., Parsons College, 1966  
 DENNIS LEE BEKEMEYER, A.B., Dartmouth College, 1965; Honors  
 GARY GENE BELKIN, B.S., 1966  
 ALAN HOWARD BENDER, B.A., Brooklyn College, 1966  
 JAMES BRADFORD BENZIGER, A.B., Harvard College, 1966  
 ALEX JOHN BERESOFF, B.A., Lake Forest College, 1967  
 ROBERT BRUCE BISHOP, B.A., Miami University, 1966  
 JOHN HENRY BOIES, A.B., Dartmouth College, 1966  
 ALFRED RONALD BONALDI, B.S., 1966  
 JAMES DENNIS BOUGHEY, A.B., University of Michigan, 1966  
 JAMES EDGAR BOWLES, A.B., Bradley University, 1966  
 PAUL MARSHALL BRAYMAN, A.B., Stanford University, 1962  
 DOUGLAS WILLIAM BRISTOL, B.S., University of Wisconsin, 1966  
 RONALD JAY BROIDA, A.B., 1966  
 GORDON RALPH BROOM, A.B., 1966  
 KENNETH RICHARD BROWNSTEIN, A.B., Duke University, 1966  
 TERRY LEE BRUCE, A.B., 1966  
 EDWARD JOHN BRUNET, B.A., Northwestern University, 1966  
 RAYMOND PETER BUSCHMANN, B.S., Loyola University (Illinois), 1966  
 DAVID ANDERSON CAMPBELL, B.A., Westminster College (Missouri), 1966  
 DARLENE MARY CATHCART, A.B., 1966  
 MICHAEL SCOTT CISNEY, A.B., Oberlin College, 1966  
 MICHAEL PAUL COHEN, B.S.B.A., Roosevelt University, 1965  
 PATRICK MICHAEL CONBOY, B.A., Northern Illinois University, 1966  
 STEPHEN LESLIE CORN, B.S., 1966  
 WILLIAM CHARLES CREGAR, A.B., University of Chicago, 1966  
 MAER IRWIN DAVIS, B.S., 1966  
 WILLIAM STEPHEN DAVIS, A.B., Augustana College (Illinois), 1963  
 OWEN EUGENE DEMPSEY, A.B., 1966  
 GREGORY LAWRENCE DEPORTER, B.B.A., University of Notre Dame, 1966  
 NICHOLAS GEORGE DOZORYST II, B.A., Northwestern University, 1966  
 JOSEPH JAMES DROLET, B.S., 1966  
 RONALD LEE DRUMHELLER, B.S.E.E., Massachusetts Institute of Technology, 1965  
 JAMES EDWARD DUMERER, A.B., Washington University, 1966  
 BRADLEY WARREN DUNHAM, A.B., 1966  
 JAMES ALVIN ECKERT, B.S., 1965  
 ROBERT RUSSELL EKROTH, B.S.B.A., Bucknell University, 1964  
 ROBERT JOHN ELLIOTT, B.B.A., University of Wisconsin, 1966  
 RAY LEE FEHRENBACHER, B.S.Ed., Eastern Illinois University, 1966  
 CHARLES EDWARD FISHER, B.S., 1966  
 RICHARD ALAN FRANDSEN, A.B., 1966  
 ALAN HOWARD FREEDMAN, A.B., 1966  
 BLAIR PHILLIPS FRIEDERICH, B.A., Marietta College, 1966  
 ROSS STUART FRIEDMAN, B.S.B.A., Washington University, 1966  
 RICHARD DAVID GAINES, B.A., DePauw University, 1966  
 DONALD GARY GARTMAN, B.S., 1966  
 RICHARD NEIL GENTRY, A.B., University of Michigan, 1966  
 GERALD LEE GHERARDINI, B.S., 1966  
 CHARLES MARTIN GIVEN, A.B., 1966  
 MICHAEL DAVID GOLDEN, B.A., Michigan State University, 1966  
 CHARLES MICHAEL GOLDSMITH, B.A., Brooklyn College, 1966  
 WILLIAM M. GOLDSTEIN, B.S., 1966  
 TENNYSON WILLIAM GREBENAR, B.S., 1966  
 LEWIS BARRY GREENBLATT, B.A., Miami University, 1966  
 DAVID ROY GRIMES, A.B., 1965

- THOMAS BRADLEY GUMBEL, A.B., 1966  
 STEPHEN HOBART GUNNING, A.B., University of Michigan, 1966  
 RICHARD YOUNG GUTHRIE, A.B., Duke University, 1966  
 DONALD MARTIN HARTSHORN, A.B., 1966  
 JOHN OSCAR HAYES, B.S., Iowa State University, 1966  
 STEPHEN WALKER HAYES, B.A., DePauw University, 1966  
 CHARLES ANDREW HAYTON, A.B., 1966  
 LOUIS ALAN HECHT, B.S., 1966  
 HERBERT VILHELM HEDEEN, JR., A.B., Knox College, 1966  
 DOUGLAS AMIEL INGOLD, B.A., Southern Illinois University, 1964  
 ARNOLD MILFORD JOCHUMS, B.A., Illinois State University, 1966  
 JAMES WINFIELD JOHNSON, A.B., Knox College, 1966  
 JERALD BONARD JOHNSON, B.S., Illinois State University, 1966  
 RICHARD MARKS JOY, A.B., University of Michigan, 1966  
 JOHN MICHAEL JOYCE, B.S., Bradley University, 1965  
 ROBERT JOSEPH KENNEDY, B.A., University of Notre Dame, 1966  
 RICHARD MERLE KETTLEY, B.S., Brigham Young University, 1966  
 PETER JURG KILCHENMANN, A.B., University of Michigan, 1966  
 ROBERT AUGUST KNUTI, B.S., Denison University, 1964  
 DAVID DON KOSKI, B.A., Purdue University, 1966  
 RUSSELL STANLEY KOSS, B.S., 1962  
 JOHN PHILLIP KRAJEWSKI, A.B., 1966  
 JAMES MICHAEL LANGAN, B.A., Quincy College, 1966  
 HERBERT JAMES LANTZ, JR., B.S., United States Naval Academy, 1961  
 RICHARD DUNCAN LARSON, A.B., 1966  
 ROBERT DUANE LARSON, A.B., 1966  
 RONALD ARTHUR LEHMANN, A.B., Knox College, 1966  
 THOMAS EUGENE LEITER, B.S., Northwestern University, 1966  
 WILLIAM FREDERICK LEMKE III, B.A., Denison University, 1966  
 DONALD ALAN LEVY, B.S., 1966  
 HERBERT JAY LINN, A.B., University of Michigan, 1966  
 MARY EDITH LUCKETT, A.B., 1966  
 JOHN RICHARD LUND, B.A., Greenville College, 1966  
 GEORGE ALBERT LUSCOMBE II, B.S., 1966  
 WILLIAM EDWARD MALTRY, B.S., University of Wisconsin, 1967  
 ANTHONY ROBERT MARTIN-TRIGONA, B.S., 1966  
 LYNNE ELLEN MCNOWN, A.B., 1966; High Honors  
 WILLIAM GODFREY MIGELY, A.B., Dartmouth College, 1966  
 EDWARD HARRIS MOCUL, A.B., Yale University, 1966  
 RONALD ALFRED MROZEK, A.B., 1966  
 MICHAEL KANNALLY MURTAUGH, B.A., College of the Holy Cross, 1966  
 ROBERT JEROME NEFF, B.S., Southern Illinois University, 1961  
 DENNIS ARTHUR NORDEN, A.B., 1966  
 EMMETT LEO O'DONNELL, A.B., 1966  
 SEYMOUR ABRAHAM OLIFF, B.S., DePaul University, 1966  
 BERNHARD OLSON II, B.S., Miami University, 1966  
 WILLIAM TERRY PANICHI, A.B., 1966  
 ANDREW ALLAN PATERSON, JR., B.S., University of Michigan, 1966  
 DAVID DRAKE PATTON, A.B., Duke University, 1966  
 WILLIAM LYLE PERLMAN, B.A., Miami University, 1966  
 BARRY MICHAEL PERMUT, A.B., 1966  
 BRUCE WARNER PETERS, B.A., William Penn College, 1966  
 KENNETH CRAIG PETERSON, A.B., 1966  
 KEITH MARTIN POCKROSS, B.S., 1964; A.M., 1965  
 JAMES FRANCIS PRICE  
 JERRY WALTER QUICK, A.B., 1966  
 JOSEPH LYNN RACINE, B.A., Graceland College, 1966  
 STEPHEN BOLAND RINGWOOD, B.S., University of Wisconsin, 1966  
 JOSEPH MURPHY ROBINSON, B.A., University of Notre Dame, 1966  
 RONALD FREDERIC ROBINSON, B.S., 1966  
 ROBERT MICHAEL ROGERS, B.A., Southern Illinois University, 1966  
 HARVEY ADOLPH ROTH, B.S., Brooklyn College, 1966  
 MARTIN ROBERT ROTHENBERG, B.S., 1965  
 LAWRENCE ELLIOTT ROTHSTEIN, B.A., Carleton College, 1966  
 DANIEL KASBEER RUSSELL, B.A., Western Illinois University, 1966  
 GILBERT MARK SACKHEIM, A.B., Hunter College, 1966  
 RICHARD JAMES SALAS, A.B., 1966  
 BARRETT SANDERS, A.B., Amherst College, 1959  
 H. MICHAEL SARTON, B.A., University of Notre Dame, 1966  
 KENNETH PAUL SCHUCK, B.A., Ball State University, 1966  
 CHARLES JOSEPH SCHUFREIDER, B.A., Northwestern University, 1966  
 ROBERT PAUL SCHULHOF, B.A., Southern Illinois University, 1960



- DAVID VICTOR SCHULTZ, B.S., 1966  
GLENN KENNETH SEIDENFELD, JR., B.A., Northwestern University, 1966  
MICHAEL MAURICE SHERAS, A.B., University of Michigan, 1966  
JAMES ARLO SHIRK, B.A., Southern Methodist University, 1966  
RICHARD BLAIR SILVERMAN, A.B., 1965  
JOSEPH PAUL SKOWRONSKI, JR., A.B., 1966  
JOHN ASHBY SLOVER, JR., A.B., 1966  
JOHN RICHARD STABLES, A.B., 1966  
GREGORY ALAN STAYART, B.S.B.A., Northwestern University, 1966  
PAUL EDMUND STEINHOOR, B.S., 1966  
HAROLD LLOYD STOLLER, JR., A.B., 1966  
JAMES RICHARD STREICKER, B.A., Miami University, 1966  
GARY ERNEST SUOJA, A.B., 1966  
KENNETH EDWARD SUSKIN, B.S., 1966  
BEVERLY ANN SUSLER, A.B., 1966  
ARTHUR RAGNAR SWANSON, B.S., Northern Illinois University, 1966  
RONALD WALTER SZWAJKOWSKI, B.S., 1965; High Honors  
WILLIAM GAVIN TAFFE, B.A., St. Mary's College (Minnesota), 1963  
RICHARD ARTHUR TANNER, A.B., 1966  
JOHN RICHARD TEISING, A.B., Grinnell College, 1966  
GERALD MARTIN TENNER, B.S., 1966  
DALE HENRY THAYER, B.S., 1966  
WILLIAM BENNETT TREITLER, B.S., Florida State University, 1965  
STANLEY LEWIS TUCKER, B.S., 1965  
RICHARD LEE TYREE, B.S., 1966  
DENNIS JAMES VENA, B.A., DePaul University, 1966  
ADALBERT LEONARD VLAZNY III, B.S., 1966  
STEPHEN FRANCIS VON TILL, B.A., Michigan State University, 1966  
ROBERT EUGENE WANGARD, B.S., University of Wisconsin, 1966  
WILSON CHARLES WASHKUH, B.S., Millikin University, 1965  
DENIS JOSEPH WEBER, A.B., 1966  
FRANK JERALD WEBER, B.S.Ed., Eastern Illinois University, 1966  
ROBERT ALAN WEINBERGER, A.B., Oberlin College, 1966  
EDWARD BERRY WEISEL, A.B., 1966  
REINALD WERRENATH III, B.A., DePaul University, 1966  
ROBERT IRA WERTHEIMER, A.B., 1966  
RICHARD TED WEST, B.S., 1966  
MICHAEL IRWIN WEXLER, A.B., George Washington University, 1966  
JAMES ARTHUR WILDEROTTER, A.B., Georgetown University, 1966; Honors  
BENNETT WILLIAMS, A.B., 1966  
RICHARD ARTHUR WILSON, A.B., 1966  
GARY KIM WINCUP, B.A., DePaul University, 1966  
THOMAS ARTHUR WINGADER, A.B., Knox College, 1966  
DAVID BRUCE YAVITZ, B.A., Drake University, 1966; Honors

### COLLEGE OF EDUCATION

#### Degree of Bachelor of Science

##### *In the Education of the Deaf*

- |                            |                                   |
|----------------------------|-----------------------------------|
| CHRISTINE ANN BREYER       | CARY KRONENBERG, High Honors      |
| LINDA JO CRANDALL          | TRUDY KAY PERLMAN                 |
| GAIL JANET EDENSON, Honors | GALE NINA ROSEN, Honors           |
| BETH MARSHA KATZ, Honors   | SUSAN GEORGIA UMSTOT, High Honors |

##### *In the Education of Mentally Handicapped Children*

- |                                       |                                  |
|---------------------------------------|----------------------------------|
| BENITA ANN BLACHMAN, Honors           | SUSAN FERN GROSS                 |
| DEBORAH LOU BOXDORFER, Honors         | KATHRYN ANN HOLLAND              |
| JOANNE CLAIRE BREGMAN, Highest Honors | ALICE IRWIN                      |
| CHERYLE LYNN DAVIS                    | JUDITH KIRKPATRICK               |
| SUSAN MARIE FISHER, Honors            | MICHELE KAE ORTON                |
| CINDA LOU FULTON                      | JUDITH CODD PLEVIAK              |
| ELYSE GOLDSTEIN                       | IRENE RADZEVICIUS, Honors        |
|                                       | MARY ANN WESTRAY, Highest Honors |

##### *In Elementary Education*

- |                                 |                                 |
|---------------------------------|---------------------------------|
| LINDA GAIL ADELMAN, High Honors | MICHELE ANN BARON               |
| JUDITH JEAN ANDALMAN, Honors    | LINDA KATHLEEN BASTERT          |
| JANET CAROL ANDERSON            | DONNA LOUISE BATDORF            |
| SUSAN JEANNE ATKENSON           | REBECCA LYNN BAUDINO            |
| BARBARA KAY BALLEW              | ROSELLA SCHUPBACH BAUER         |
| CHARLOTTE DIANE BARGREN         | NANCY ELLEN BECKER, High Honors |

- RITA LYNN BECKER  
 DORIS CHAPMAN BECKERMAN  
 PEGGY JOY BEGUN  
 MARLA JEAN BENDRICK  
 PAMELA JEAN BERGSTROM  
 JO ANN BERMAN  
 MARCIA ANN BERRY  
 BEVERLY LOU BJORKLUND  
 MARY STEVENS BLACK, Honors  
 JANET HELEN BLUM  
 SHERI JOYCE BLUM  
 EVE GAIL BOCHNER  
 JANE BAER BOLES  
 JOANNA NORMAN BRECKENFELD  
 NANCY LORENE BRETSCHER  
 LOIS JEAN BROCKMAN  
 MARGARET LEE BROWN  
 MARGARET ANN LAMPO BULL, Honors  
 LINDA JEANNE CARLSON, Honors  
 MARKIE LOUISE CARLSON  
 LOLITA ADA CARRIERE, Honors  
 CAROL LUCILLE CLEVELAND  
 RHONDA LUCIENNE COLLINS  
 MARGARET JEAN CRAWFORD  
 EVELYN DAVIS DANNEBERGER  
 DANUTA URSULA DASZKIEWICZ  
 BARBARA ANN BUSH DAVID  
 RITA RAKAUSKY DELANOIS  
 MARY WATTS DOUGLAS  
 LOIS JEAN DRAGER, Highest Honors  
 KAREN JOYCE DRAZAN  
 JUDY W. EBY, Honors  
 JANET ELIZABETH EDMISON, High Honors  
 LINDA RAE EGGERT  
 ROBIN MAE ELLISON  
 MARY PHELPS ERICKSON  
 TONI MARTIN FEELEY  
 ANITA RAE FEINGOLD  
 PRISCILLA AILEEN FEINSTEIN  
 BONNIE LEE FELDMAN  
 SUSAN DALE FELTMAN, Honors  
 DIANE LYNN FETHERLING  
 LINDA JO FINFROCK  
 SHARON ANN FLEMING, High Honors  
 KAREN RUTH FORD  
 SANDRA JOY FRIEND  
 MARLENE RUTH FRISHMAN  
 NANCY LEE GARDNER, High Honors  
 CAROL JEAN GILE  
 SUSAN ELIZABETH GLENN  
 VIRGINIA RUTH GOBLE  
 BARBARA BEAR GOLDEN  
 LINDA BESS GOTTFRIED  
 RANDEE H. GREENBERG  
 CONNIE KAY HALEY  
 GARY LEE HEGENBART  
 DALE BETH HELFAND, High Honors  
 LILA DANNER HEWKIN  
 BARBARA JILL HIRANO  
 JANICE LOUISE HOER, Honors  
 BETTY JEAN HURSEY  
 KATHERINE MARIE HUSTEDT  
 SUSAN JANE INGALLS  
 JUDITH DARLINE JACOB  
 JORJA KAY JACOBS  
 ELIZABETH CARTER JOHNSON  
 PAULA ANN KAMMAN  
 BONNIE SALZMAN KAUFMAN  
 PHYLLIS ANNE KELM  
 LINDA ANNE KENDALL  
 JUDITH ELLEN KERNIS, High Honors  
 RENEE FERN KESSEL  
 CAROLINE JO KETCHUM  
 MICHAEL LEWIS KINGSTON, High Honors  
 MURIEL ANN KNOBLAUGH  
 MARY JULIE MARGARET KOWALSKI  
 CAROL ANN KREIDER  
 SHARON LYNN KUBINSKI  
 CONSTANCE KURLANSKY  
 LOIS LYNN LANDSMAN  
 CAROL MARIE LARSEN  
 DELORES ELAINE LEIMBACH  
 NADYNE MERLE LEVIN  
 LINDA ALICE LEWIS  
 MARY ELIZABETH LIMBACHER  
 NANCY MARIE LINDENMIER  
 DEBORAH JEAN LINDSTROM  
 LINDA MARGARET LOVENDAHLL  
 HELEN LOUISE LOW  
 JUDITH FLORENCE MAAS  
 PAULA DIANE MALMGREN  
 LILA SUE MARKERT, Highest Honors  
 SUSAN PIERCY MCCARTHY  
 MOLLIE MARION McDONOUGH  
 KATHLEEN MARIE McLARNEY  
 ROSEMARY MEDE  
 CATHERINE MARIE MEYER, Honors  
 PATRICIA ANN MEYERS, Honors  
 SYLVIA ANN MILLER  
 MAVIS ANN MUSSULMAN  
 MARY JANE NELSON  
 SUSANNE GAY NETZKY  
 LINDA O'HALLERAN NITZ  
 NANCY HAYS OCKEN, Honors  
 LOIS MAE O'CONNOR  
 JANIS DEE OLSEN  
 LINDA ADELE OLSON, Honors  
 NANCY ELIZABETH PAYNE  
 BARBARA JENSEN PHILLIPS  
 SANDRA LYNN PIERCE, High Honors  
 SYDNEY PIZER  
 MARY MORRISON REDMAN, Honors  
 SALLY ANN REYNOLDS, Honors  
 EVA RING  
 LINDA HAMP ROBERTS  
 EILEEN JUDITH ROBINSON, High Honors  
 ELAINE ROCHELLE ROSEN  
 REBECCA ROUDERUSH  
 BONNIE ELLEN RUBIN  
 BARBARA GALE RUBLEY  
 JEAN KATHRYN RUEHRDANZ

LINDA ELIZABETH RUPP  
MARLENE KAREN SABIN, Honors  
CARLA RENEE SCHAFFRAN  
MARGUERITE ANNE SCHECK  
JOLINE HATHAWAY SCHOLZ  
ELINOR CAROL SCHUMOW, High Honors  
SUZANNE MARIE SEAVEY  
BONNIE SUE SHANOFF  
BARI LEE SHAPIRO  
NANCY JEAN SIDELL, Honors  
DOROTHEA FREDRICKSON SMITH, High Honors  
GALE LYNN SODIKOFF  
CHERYL GUNCHIN SOERENSEN  
RONA H. STARKSTON  
SHARON LOUISE SWANLUND  
LOIS MARTHA TEITELMAN  
ANN MARIE THACKERAY, Honors  
LINDA ANN TISCHER  
DEBORAH LYNN TRIMBLE

BONNIE CAROL VANDERHYE  
JANETTE BERRY VAN HOESSEN, Honors  
EMMLEE LOUISE VEZZOLI  
ELIZABETH BRUCE WARD  
DONNA LEE WARHOL  
MARGARET KATHRYN WATT  
BEVERLY ANN WEATHERWAX, Honors  
PAULETTE WEINER WEIL  
JACQUELINE DIANE WEISMAN  
MARILYN CLARK WHITE  
LINDA ANN WILLIGER  
JOANN WLODARCZYK, Honors  
JUDITH ZINDARS WOOD  
GRETCHEN WOOLLEY  
LINDA LOUISE YONTZ  
CATHERINE ANNE ZALECKI  
MARY JOSEPHINE ZEENER  
MARTHA CRIMI ZIMMERMAN  
FERN BERGMAN ZIPKIN  
MARY ANN MILLER ZUPKUS

*In Industrial Education*

ANTHONY DeCOSTA ASH  
PETER OTTO BOLINE  
ROBERT LAWRENCE CABEEN  
FREDERICK DEAN GAMMON  
JOHN CHRISTIAN JACOBS  
CHARLES ROBERT KAY  
DONALD ROY McLEOD, JR.

RICHARD ALLEN PATTERSON  
PAUL RICHARD SEARLS  
PHILLIP ANTHONY SMITH  
ROBERT EDWARD SWIETEK  
PETER DUANE VANDERKLOOT, JR.  
KENNETH BERNARD WEYAND  
JOHN ROBERT WONSOWICZ

*In Secondary Education*

CAROL HELEN ANDERSEN  
HARVEY ALLEN BANNER  
MYRA BETH BARKAN  
MARTHA SUSAN BELL  
LINDA JEAN BENEDICK  
DORIS MAE BUCKMAN, Honors  
JOHN GILBERT COLSON  
JAMES GARY DALE  
ELIZABETH MAYER EERTMOED  
ROBERTA LYNN GREEN  
JULIA LYNN GREGORY  
JANIS LEE HAMILTON  
PAUL QUINN HELFORD  
SUSAN DIANE HYND, High Honors  
EDWARD LeROY KETTLEY  
DOROTHY ANN KOZUSZEK, Honors  
JACQUELINE RAE LEWIS, Highest Honors  
DIANE MARIE MACH  
PAMELA RUTH NELSON

JOHN RICHARD NIEDERBRACH  
CATHLEEN JANE O'CONNOR  
DIANE MARIE OLSON, Honors  
JAN PATRICK PADEN  
DIANE MARIE PALMQUIST, Honors  
KAREN SUE REARDON  
MARY ELLEN SCHAEFFER  
GORDON DAVID SCHULZE  
NANCY LOUISE SIERACKI  
CHRISTINA ROTH SMITH  
WAYNE DOUGLAS SPORTSMAN  
JUDITH CARLENE STALEY, High Honors  
REBECCA ROWE WALKER  
LYNNE GRONER WEISS  
MARILYN SUE WEISS  
DEBRA NAOMI WEISSMAN  
FRANK PROUT WOOD  
RICHARD C. YORK  
ARNOLD MICHAEL YOUNG

**COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION**

**Degree of Bachelor of Science**

*In Accountancy*

WILLIAM FLOYD ANDERSON  
EDWARD ANTHONY BAYER, JR.  
BRUCE ALAN BEHRSTOCK  
TERRY MICHAEL BLANCHARD  
WILLIAM LEWIS BROOM III  
COLIN KELLY BRUMMET, Honors

CAROLYN TRIPPET CARTER  
LOUIS FRANCIS CERVERA  
LAWRENCE MICHAEL COHEN  
DONALD JAY CRUM  
JEANE KAY DANHAUS  
EMMETT BUNCH DAY, Honors

TIMOTHY LEE FASS  
 PATRICIA LOUISE FRIEDMAN  
 GORDON NEAL FUCHS  
 MARK STEVEN GESSE  
 LOWELL WALTER GIFFHORN  
 JOHN MICHAEL GRAHAM, Honors  
 JOHN HOBART GRAVES  
 GENE DOUGLAS GRIMES  
 FRED DAMON HARRIS  
 LEE HARRIS  
 RONALD HINDIN, Honors  
 BARRY OWEN HINES  
 BRUCE JAMES HOFF  
 DOUGLAS PAUL HOFFMEYER  
 JOHN LEE HOPKINS  
 JOHN ROBERT HOPTON  
 LAWRENCE IAN IGLOW  
 LAWRENCE BURTON IRWIN  
 ROBERT PAUL ISAACSON, High Honors  
 DAVID RAYMOND JONTES  
 ERIC BERTHEL JORGENSEN  
 BARRY EVAN KATZ  
 MARK STEVEN KIPNIS  
 JAMES EDWARD KOENIG, Honors  
 LESLIE BRUCE KROMER  
 THERON RAHN KUF AHL, Honors  
 NATHAN NED LEIKEN  
 THOMAS EDWIN LEMNA  
 ROBERT ALAN LEWIS  
 MICHAEL BRUCE LINDSAY  
 PHILIP EUGENE LOVELL  
 WILLIAM SCOTT LYMAN  
 CHARLES JAMES LYNCH  
 DIANE DOLORES MARCHETTA  
 WILLIAM E. MASON, Honors  
 GEORGE STEADMAN MCCLURE, High Honors  
 JAMES DELOS McDONALD, JR.

JAMES THOMAS MCGUIRE  
 JOHN WILLIAM MEARA  
 SHERYL LUHR METZGER  
 EUGENE HAROLD MILLER  
 RONALD WILLIS MILLS  
 GARRY MICHAEL MOEBS  
 GARY FRANCIS MUELLER  
 ELIZABETH ANN MULGREW, Honors  
 HAROLD BERNARD RAKERS  
 DANIEL STEPHEN RUDMAN  
 JAMES FRANCIS SCHMIDT  
 DONALD HAROLD SEAMAN  
 CLARK WILLIAM SEEFELDT, Honors  
 BARRY MICHAEL SLAVIN  
 JOSEPH ANTHONY STOJAK  
 STEPHEN DALE TAYLOR  
 RONALD EVERETT TEAGUE  
 LEE HARRIS TOCKMAN  
 ROBERT BRUCE TOWNER  
 JAMES DANIEL VALERINE  
 THOMAS JOHN VAN HAZEBROECK  
 RAYMOND SIDNEY VENUS  
 JEAN CAROL VERCIMAK  
 TERRY PAUL VIAR  
 LEONARD DEAN VINES, Honors  
 GARY JAY WALDBUSSER, Honors  
 TERRY WAYNE WALKER, High Honors  
 RONALD LYNN WEINDRUCH  
 GLORIA JEAN WELCH  
 JEFFREY MESIROW WESTON, Honors  
 WILLIAM THOMAS WILTON  
 JOHN ALAN WINKLER  
 DONALD ANDERSON WOOD  
 KENT MARTIN YAUCH  
 GARY MICHAEL YEAGLE  
 KATHERINE JUDITH YESLIN, Honors  
 LAWRENCE FRANK ZABINSKI  
 DANIEL JOSEPH ZIMMERMAN

*In Commercial Teaching*

JO ANN TROJANIAK, Honors

*In Economics*

ALEX MICHAEL ABATE  
 DAVID JEFFREY DORNE, Honors  
 ALBERT LOUIS GREENBERG  
 CHARLES RAYMOND HAIN, Honors  
 LESLIE LAWRENCE LARSON, High Honors

THOMAS HENRY STURROCK  
 STANLEY ARTHUR THOREN, JR.  
 LESTER WALL  
 MICHAEL THOMAS WOLFE

*In Finance*

BARRY BRIAN ANDERSON, High Honors  
 ROBERT JOSEPH BEYERS  
 HOWARD LESLIE BRADLEY, JR.  
 GARY ALLAN BROOKS, Honors  
 TERRY EDWARD BRUMMER  
 PATRICK MAURICE BURNS  
 DANIEL ELMER CAVANAUGH  
 JOHN EDWARD CLINE  
 ROCCO EUGENE CROWLEY  
 RICHARD OREN ERDMANN, High Honors  
 GEORGE WILLIAM GAU, High Honors  
 DENNIS ROMAIN GAY

KURT ALAN GENTEMAN  
 THOMAS PATRICK GULLEY, Honors  
 GARY CHARLES HEISE  
 STEVEN JAMES HENKE  
 PAUL HARVEY HENSEL, High Honors  
 CHARLES HARVEY JACKSON  
 FRANK STANLEY KOZIOL, Honors  
 KENNETH STEVEN LIBKIN, High Honors  
 JON ALAN LINDHEM  
 JAMES WILLIAM McMACKIN  
 RONALD CHARLES MOONIN  
 KENNETH JOHN MUSIL, Honors

RONALD GENE PETERS  
EDMUND RICHARD POWELL, Jr.  
DONALD HENRY RATNER, High Honors  
WILLARD LLOYD ROSS  
GERALD EUGENE SCHUH

THOMAS HOWARD SCOVILLE  
WILLIAM LEE SUMMER, Honors  
ALLEN JAY SYLVAN  
JOHN D. ZEGGIS, Honors

*In Industrial Administration*

KENNETH JAMES BABIKAN  
TIMOTHY CHARLES DADANT  
KENNETH DEE  
TERRY LYN EVANS  
PAUL EDWARD GREVE  
MARY JANICE GROW  
DONNA LYNN GUZLAS  
BRUCE FREDERICK JAMESON  
ROY EDWARD JOHNSON, Jr., High Honors  
JOHN JOSEPH LANE  
DAVID RALPH LLOYD  
ERIC WILLIAM LUDWIG  
GLEN ANTHONY MADUZIA

RONALD CHASE MCCARTNEY  
JOHN EDWARD MOYER  
DON CHARLES PERRIN II  
RUSSELL ALAN RINGL  
JEROME JOSEPH SCHLICHTER, Honors  
RICHARD IRVIN SHRODE  
TOM GEORGE STANFORD, High Honors  
BILL ALLEN SWENSON  
WILLIAM KENT TUCKER  
WILLIAM JUDSON ULRICH  
KERMITH WERREMEYER  
NEAL THOMAS WILER  
BRUCE ELLIOTT WILSON  
SANDRA PHYLLIS ZEMM

*In Management*

JAMES PATRICK KEHOE

ROBERT LEE SHYMANSKY

*In Marketing*

VICTORIA AGHETTA  
PETER STUART BLACKWOOD  
JILL BOUGHNER  
RAYMOND GERALD BURTON  
HIRAM CLIFFORD CAMMON II  
RICHARD ALLEN CARLSON  
STEPHEN CONSTANTINE COSMAS  
RICHARD LLOYD CRUSIUS  
JACK MARTIN FREDRICKSON  
JULIE LOUISE GENTES  
JONATHAN PRIESTLEY GIBBS  
JOHN RALPH GOEPPINGER  
JAMES JOSEPH HAGEL  
JAMES ALLEN KACH  
KENT PARKER KASSERMAN  
RICHARD JOHN LUTZ, High Honors  
JAMES ROBERT MCGREEVY  
EUGENE HERBERT MEYER

THOMAS JOSEPH PALLEVA  
MARTIN JOHN PLUTH  
SUSAN GALE POCHYL  
DAVID FRANCIS PRINDABLE  
THOMAS ARTHUR REED  
JAMES ARTHUR RENNICK  
YVONNE CHARLOTTE REUBEN  
THOMAS LEONARD SAUER  
ALLEN JAY SCHAEFFER  
HOWARD STEVEN SCHNEIDER  
WARREN RAY SCHREIER  
STUART SENESCU  
JOSEPH WILLIAM STEFAN  
CHARLES SIDNEY SURITZ  
FRANK GEORGE TABOR  
IRENE MARIE THOMPSON  
CLIFFORD JAMES WENZ  
WILLIAM CRAIG WINTER, Honors

COLLEGE OF COMMUNICATIONS

Degree of Bachelor of Science

*In Communications*

JAMES MICHAEL AARON  
JANE ELLEN ADAIR, Honors  
RICHARD CLARK ALLEN  
KATHLEEN JUNE ARNEY  
CRYSTAL CAMILLE BELL, Honors  
BARBARA JEAN BERZINSKI  
LINDA ANNE BLACK  
CATHERINE JOHNSON BLAN  
JANET MARIE BLANDA  
JUDY ELLEN BLASDELL  
MICHAEL BROWNIE BOLIN  
BRIAN ALAN BRAUN  
THOMAS HARL BROCK, Honors  
JAMES CLARK BRUBAKER

MARSHA JILL BURNS  
WILLIAM JOSEPH BUSH  
MILDRED ARLENE BUSSE  
DARRELL JOSEPH CORCORAN, Honors  
LEE FORREST CRUMBAUGH  
CYNTHIA JOY DAMES  
PATRICIA ANN DAVIS  
NANCY LOU DAY, Honors  
ROSALIND LAMONTAGNE DEETER  
SUSAN MARGERIE DE LISLE  
RITA RAE DICKIRSON  
TERRY WAYNE DILLMAN  
DENNIS JAMES DIMOND  
JAMES JOSEPH EVERSOLE

JAMES PAUL FAY  
 LEE MYRON FINKEL  
 KATHLEEN ANN FLENTGE  
 GISELA CHRISTINE FLORCZAK  
 LEROY VINCENT FOLEY, JR.  
 KARL BYRON FRETZ  
 ROBERT ROY FRUMP  
 ROBERT WALTER GESKE  
 MARK ALAN GLASS  
 DONALD RAY GLOVER  
 ELLEN PAULA GOLDEN, High Honors  
 STEPHEN DOUGLAS GOLDEN, Jr.  
 KATHLEEN TERISA GRAGLIA  
 MARGARET YVONNE GREEN  
 MICHAEL PHILLIP GUERIN  
 CHARLES LEE HABICH  
 SANDRA KAYE HAIDER  
 CAROL JEANNE HANSON, Honors  
 DONALD JAMES HEIMBURGER  
 JOHN ALAN HELFRICH  
 KENNETH DAVID HOPKINS  
 LINDA ANN JAVA  
 WILLIAM GUY JEGE, Honors  
 JOHNSON KANADY III  
 ANN JEANINE KERR  
 DAVID LEON KLEHR, Honors  
 CHRISTINE ANNE KOEBRICH  
 LETITIA LYNN KRASINSKI  
 VALERIE KUSSLER  
 KATHLEEN MARIE LARSON, High Honors  
 WILLIAM ANTHONY LEDGER  
 MARY TAYLOR LEGG  
 LINDA HOFFEE LOBBELL  
 ROBERT CRANDALL LORD  
 SHARON LYNN MAKI  
 ALICE ELAINE MARTIN  
 DENNIS DEAN MAURIZI  
 CAROL JOYCE MCGOVERN  
 JEFFREY COLE MERRICK  
 JOSEPH MICHAEL MEYER  
 TERRY PIGG MICHAEL  
 LESLIE FAIR MONYPENNY  
 MAUREEN ELAINE MOORE

SUSAN WETHERILL MORRIS  
 ELAINE MARIE MUNSON  
 ROSETTA MURRAY  
 ROBERT ALAN NATHAN  
 BARBARA MUENCH OATES  
 GREGORY JAMES OBRZUT, Honors  
 JUDITH ELLEN OSTERBACH, High Honors  
 NANCY JO PETERSON  
 LAWRENCE GERARD PETRI  
 ROANNA ANNE PETRIE  
 MARSHALL EVERETTE POOLE, Honors  
 LEONARD CHARLES PRAZAK  
 SUSAN MARIE QUILL, Honors  
 DIANNE ELLEN RAHN  
 JOSEPH STEPHEN RANK  
 THOMAS PAUL ROSSI  
 GARY NEIL ROWE  
 SANDRA JEAN ROWE  
 GERALDINE MARIE RUDNICK  
 GAY LEE SCHLACHTER, Honors  
 SONDRAL CAROL SCHLADE  
 GARY LEE SECOR  
 JUDITH BARBARA SHAPIRO  
 DAVID JAMES SHAVER  
 GERALD EDWARD SMITH  
 MARY LORETTO SMITH  
 DENNIS GEORGE SODOMKA  
 JUDITH TANNER SPANBAUER, Honors  
 LINDA SUE SPENCE  
 VICTOR CHARLES STONE  
 JULIE KAY STROM, Honors  
 EDWIN JOHN THOMPSON  
 EVELYN NANCY VIDA  
 KAY JANICE VOGT  
 STEVEN RAY WHITE  
 JOHN LOUIS WIELT, Jr.  
 MARGARET BURKE WIETecha  
 MARY OLSON WILSON  
 ROBERT HARRY WILSON  
 JOYCE CAROL WINER  
 HOWARD NEIL WOLINSKY, Honors  
 KENNETH ELMER YEDNOCK, Honors  
 MAUREEN CAROLE YOUNG

#### COLLEGE OF FINE AND APPLIED ARTS

##### Degree of Bachelor of Architecture

RICHARD CONRAD ANDERSON  
 BARRY BERG  
 MELVYN CHARLES BERNSTEIN, Honors  
 LYNN HARLAN BOEKE  
 JOHN HELMUT BOGNER  
 DAVID ERNEST BROSSART, Honors  
 YONG-CHOL CHYUN, Honors  
 THOMAS STEWART DIEHL  
 DAVID GEORGE DOOB  
 FREDERICK JOSEPH EBELING  
 THOMAS PAUL FENOGGIO  
 BRIAN KENT FERGUSON  
 ROBERT CHARLES FINK  
 WALTER JACOB FRICK  
 PAUL LOUIS GALLIS

CARL JAMES GLASER  
 FRANK LOUIS GORMAN  
 CHARLES ROGER GUEST  
 DAVID BRUCE HAYES  
 JOHN HAROLD HEIDMANN  
 LAWRENCE JOSEPH HUMPERT  
 LLOYD ALVIN JUKKOLA, Honors  
 DENNIS WALTER KRAUSE, Highest Honors  
 JOHN PETER LAMPROS  
 MARK K. LUCAS  
 ALAN GREGORY MARN, Highest Honors  
 REGINALD JOHN MARZEC  
 JAMES MICHAEL MATARELLI  
 GARRY WALTER McMURTRY

WILLIAM LEONARD MCQUEEN  
 DWIGHT ALLEN MEY  
 JAMES ROBERT MORGAN, Highest  
 Honors  
 JOHN CHARLES MURPHY  
 WILLIAM RALPH MYERS  
 JOHN JOSEPH NEILS, Jr., Honors  
 CHARLES JOSEPH NELSON  
 BRIAN JOHN PAPE  
 ANDREW HOWARD PAULAN  
 KENNETH LEE POOLE  
 RICHARD DAVID ROSE  
 MICHAEL LEE SAGETT

PETER JAMES SCHUYLER, Honors  
 THOMAS HASER STRUHS, High Honors  
 MICHAEL HARRIS THOMPSON  
 KARL SEYMOUR THORNE  
 JOHN GARRETT THORPE  
 WILLIAM BOWER MITCHELL TRACY III  
 JOHN RICHARD VALKO  
 GRETCHEN BOHM WESENBERG  
 RICHARD LYLE WESENBERG  
 GORDON ALLEN WILKINS  
 THOMAS EDWARD WILSON  
 THOMAS FREDERICK ZIMMERMAN,  
 Highest Honors

### Degree of Bachelor of Arts

#### *In Dance*

LINDA JO METHENY, High Honors

### Degree of Bachelor of Fine Arts

#### *In Art Education*

WENDY ILLENE ABRAMS  
 PATRICIA CHRISTINE BROWN, Honors  
 GLADYS SORENSEN CARSON  
 DEBORAH DEEGAN, High Honors  
 SUSAN JO HANSON  
 BETTY GOODWIN INGOLD, Honors  
 BARBARA CLARE LOUIS, Honors  
 PATRICIA SUE NEAL  
 SHARON RENEE PETERSEN

RAE LYNN SCHNEIDER  
 JOAN RHONWYN SCHROEDER, Honors  
 SUSAN KAY SINGLEY, Honors  
 JEAN ANN SVOBODA, Honors  
 CHERYL LYNN VENET, High Honors  
 BARBARA JO WALDORF, Honors  
 KAREN LOUISE WALLIN  
 DENNIS ALLEN WESTHOUSE

#### *In Crafts*

THOMAS RUSSELL BENNETT III, Honors  
 LINDA ANN BURGIN, Honors  
 LANE COULTER  
 SANDRA DUNCAN KLYNSTRA, High  
 Honors

LORE PIECK LEES, Honors  
 WENDY OSTRANDER  
 SUZAN MILDRED PAULASKY, High  
 Honors

#### *In Graphic Design*

SUSAN TROMBLEY ALMON, Honors  
 BRIAN EDMUND BOURKE, Honors  
 MARTHA ANNE CERDA  
 JUDY ANNE CONDON  
 JACK WARREN DAVIS  
 JUDITH SUSAN DIAMOND  
 CHRISTINA LYNN DRACHMAN, High  
 Honors  
 GARY MICHAEL DUTRO  
 JANICE BONITA GERDING, Honors  
 JOSEPH JOHN GIACALONE  
 GAIL ELLEN GRIGSBY  
 SUSAN JO HANTMAN  
 SHEILA LYNN HELLER  
 THOMAS WAYNE HUNT  
 DARLENE JOYCE KRAMER, Highest  
 Honors  
 CAROL HASSELBACHER LAMOS, Honors  
 FRANCIS PATRICK LASALLE

MARY JOAN LINK, High Honors  
 MORRIS HUGO MAITLAND  
 LYNDA COLE MILIO  
 JEANNE YVONNE MITA  
 RENAY MORRIS  
 PATRICIA ANN O'CONNOR  
 JUDITH LESLEY PRICE  
 JOHN BRIDGES RANDLE  
 MADELEINE LOUISE ROUSSEY, Honors  
 KAREN SZCZEPKOWSKI SHIPLEY, High  
 Honors  
 NANCY BARGER SILLETTI  
 CHARLOTTE PULLMAN SMITH  
 JANE CARLISLE STAUB  
 CHRISTINE RUTH THOMSON  
 BARBARA MARIAN WASSERMAN, Honors  
 KATHLEEN SUZANNE WOZNIAK  
 CAROL IRIS ZIMMERMAN, High Honors

#### *In the History of Art*

KANDY KAY HARDIN, Honors

*In Industrial Design*

JEFFREY DARRYL BRANSKY  
 JOHN DOUGLAS ESSEX  
 STANLEY LAWRENCE FUKA  
 DENNIS WALTER GANSKI  
 JUDITH MARY KRAWCEWICZ

RICHARD FREDRIC MAUL  
 NICHOLAS ANTHONY PANN  
 ALFRED WILLIAM RICHART  
 WILLIAM LEE WELKER  
 MARK FREDERICK WILSON

*In Painting*

CAROLINE ANN CAMPBELL, Honors  
 LEE ROY CHESNEY III  
 CAROL ARIAN COOPE  
 FRANCIS ALDEN DUNNINGTON II  
 MARY ANN FABBRI, Honors  
 DORCAS MOULTON GRUCZA, High Honors  
 LAWRENCE ANTON HEYDA, High Honors  
 CARLA JEAN HOUSE, High Honors  
 STEPHEN JOHN KASTNER

LINDA FURNISH KOLMAN  
 MICHAEL LEE KRONE, Highest Honors  
 JUDY FINLEY LACOMBE, Honors  
 LESLIE ROBERT LEWIS  
 NANCY WEN-JEN LING  
 JEANNE PATRICE MACHMER  
 IRVING THEODORE PATT  
 NANCY ELEANOR SCHERER  
 JANIS ELAINE SHEARER, Honors  
 SUSAN LYNN SILVIS  
 NORMA FRANCIS VAN SELOW

**Degree of Bachelor of Landscape Architecture**

NATALIE BOYLE ALPERT, High Honors  
 JAMES FLOYD ARNOLD  
 HAROLD FRANCIS BARNHART  
 MARC CAMERON FRAZER, Honors  
 JOHN PHILIP GUTTING, JR.  
 LEIGH COLE HARMESON  
 DANIEL ALFRED CARL LINDBERG, Honors  
 CHARLES EDWARD MANGUM

RAYMOND DEXTER MARSHALL  
 WAYNE DELPHO MUCCI  
 JOHN MICHAEL RYAN  
 STEVEN ESTEBAN SAUCIO  
 DALE EDWARD SISK  
 DONALD WARING STOCKS, JR.  
 RALPH DAVID VORIS  
 NANNIE SUE WOLLMANN

**Degree of Bachelor of Music**

MICHAEL ELKAN BIELSKI, Honors  
 PATRICIA ILIKA BLACK, Honors  
 JACK EDWARD CUNNINGHAM  
 GREGORY RUSSELL DAVIS, Highest Honors  
 ANDREA RUTH EEN, Highest Honors  
 GWEN GOLDSMITH  
 ETTA MARIA GREEN

CHERYL GWEN HAMMA, High Honors  
 ELLEN LOUISE HOFFMAN  
 NINA VACKETTA PINZARRONE, Highest Honors  
 JERRY GEORGE TESSIN  
 ELIZABETH KAY WERNZ, High Honors  
 ELAINE BEATRICE ZEIGER

**Degree of Bachelor of Science***In Music Education*

DOREEN CECILIA BAILLARGEON  
 NEALE KING BARTEE, Highest Honors  
 BARBARA BECKMEYER  
 LINDA KAY BIBB  
 WILLIAM MITCHELL BLACK, Honors  
 JO ANNE BOWEN, High Honors  
 MICHAEL FRANCIS BRICKEY, High Honors  
 BARBARA JEAN BROCK-JONES, Honors  
 FERNANDO RICHARD CAMPOS  
 JACQUELINE SUZANNE CHINELL, Highest Honors  
 LAURA HILLENE CHRISTENSEN, High Honors  
 THOMAS ARTHUR CRANE, Highest Honors  
 ERIC MICHAEL CUNNINGHAM, Honors

PAMELA YOUNGDAHL DOLAN, Highest Honors  
 DOROTHY JEANNE DUPREE, High Honors  
 JANICE ANN EDGAR, High Honors  
 MICHAEL DENNIS FAGAN  
 CLEVE WILLIAM FENLEY, Highest Honors  
 JANICE SAPPENFIELD FISHER  
 KAY LORRAINE FISHER, Honors  
 JANICE GAY FORMAN, High Honors  
 GWYNNE HOOKANSON FRENCH  
 MIRIAM SUSAN GORDON, Honors  
 KAREN LEE HARDY  
 JANE CAMILLE HERMAN, High Honors  
 LINDA KAY JOHNSON, Honors  
 MARY ANN JOHNSON



ROBERT DuBOIS JORGENSEN, Honors  
 MARGENE KIRKWOOD, High Honors  
 GREGORY EUGENE KNUTSON, Honors  
 KENNETH THEODORE KOSCHE, Highest Honors  
 ELIZABETH ANN KUEHN  
 THOMAS JOHN LOIS  
 DAVID FREDERICK MAMMINGA, Honors  
 DIANE ELIZABETH MANN, Highest Honors  
 JAMES KENNETH MARCUM, Honors  
 ROBERT EUGENE MARTIN  
 DENNIS RAY MELHOUSE, Honors  
 CAROLE JEAN MITTS, High Honors  
 MARGARET MAXWELL MORRISON, High Honors  
 CHRISTINE NEUMANN, Honors

JOHN McDOWELL PATTON III, High Honors  
 BONNIE ROGERS RHEA, Highest Honors  
 BARBARA LEE ROLLINS, Highest Honors  
 LINDA JEAN SCHULTZ, High Honors  
 RONALD LEE SIEBENTHAL, High Honors  
 GARY LEE SOERENSEN  
 CAROL LEE STUTSMAN  
 DAVID ROY SWANSON, Honors  
 ELEANOR ELIZABETH THORNLEY, High Honors  
 RONALD WAYNE TUTT  
 LU LORRAINE UNUMB, Highest Honors  
 LINDA KATHERINE VANA  
 KAREN JULIA WHISLER, High Honors  
 JUDITH FULTON WHITE, Honors  
 MICHAEL MAURICE YOUNG

*In the Teaching of Dance*

JOSEPHINE HOFFBERG  
 DEBORAH ANN JOHNSON, Honors  
 KAREN SUE KILBERGER, Honors  
 DAWN MELODEE LAUER, Honors

MELISSA MARIE MEHALL  
 LINDA JEAN MONKEN, Honors  
 JACKIE SUE RADIS  
 KAYE ADELLE RIDGWAY

**Degree of Bachelor of Urban Planning**

JACK E. BOOKWALTER  
 STEPHEN ROBERT DICE, Honors  
 JOSEPH ELLIS HARRIS  
 STEVEN JAY HOLLAND  
 YORK LEE PHILLIPS

JOHN LLOYD RAYNOLDS, JR.  
 ALICE JEANETTE SANDERS, Highest Honors  
 GILBERT ALAN WAGNER

**COLLEGE OF PHYSICAL EDUCATION**

**Degree of Bachelor of Science**

*In Physical Education*

MYRA VEE ADELMAN  
 MARGARET HELEN ATOLS, Honors  
 BETTY MAUREEN AXELSON  
 CAROL ROSANNE BARTH  
 JUDITH LEE BECKMAN  
 SUSAN LEE BURROUGHS, Honors  
 WILLIAM LARRY COLBRESE, Honors  
 SUZANNE LEE CRANE, Honors  
 THOMAS FRANKLIN CRUM  
 CHARLES ALAN DAVIS  
 MARILYN STIMSON DAVIS  
 JEAN ALICE DICKERHOOF  
 CYNTHIA EAGLE  
 PETER ALBERT EBNER  
 WILLIS EUGENE FIELDS, JR.  
 JACQUELINE ANNE FRANCIS, Honors  
 RENEE SUZETTE GOIER  
 NANCY KATHERINE GORE  
 KENTON ALLEN HALL, JR., Highest Honors  
 MARY LOU HAWKINS  
 MARY ELLEN HOLQUIST, Honors  
 NATALIE SHANE INGRUM  
 BILL CHRIS JANECEK  
 HERSCHEL EDWARD JOHNSON, JR.  
 LARRY ELBERT JORDAN  
 RAYMOND EDGAR KITTENDORF  
 DONNA LYNNE KORDA, Honors

TARA KIM KOST, High Honors  
 BARBARA LYN LUCAS, High Honors  
 BRUCE LESLIE MAURER, High Honors  
 MICHAEL PATRICK McDONOUGH  
 EDITH ANNE MOSE, High Honors  
 ROBERT ANDREW NAPONIC  
 WILLIAM STANLEY NOWAK  
 MAYBELLE KAYE OAKWOOD, Honors  
 DENNIS STEPHEN PACE  
 MARY WIERTELAK PHILIPP  
 RANDALL RENE RODGERS, High Honors  
 MICHAEL FRANK RUDNICKE  
 DEBORAH ELIZABETH RUFF, High Honors  
 CAROL JEAN SCHMITT  
 MARILYN JOAN SERENCO  
 MARJORIE ELLEN SHANE  
 MAUREEN EVELYN STANKUS, Honors  
 SANDRA ANN STELMACH, Honors  
 JEFFREY CHARLES TRIGGER  
 RONALD LEE VEENSTRA  
 RICHARD CHARLES WELZIEN  
 EDWARD LEO WERNER III  
 ALEITA HASS WINTER, Honors  
 BARBARA LOUISE WOODUL  
 CAROL LYNN WORK  
 JOHN WILLIAM WRIGHT, Honors

*In Health and Safety Education*

RICHARD ANTHONY ANDERSON

PATRICIA MARIE SKUBISH, High  
Honors*In Recreation*

KAROP TOROS BAVOUGIAN  
MARILYN LAMDEN BAVOUGIAN, High  
Honors  
GEORGE MELVIN HARVEY  
PHYLLIS ELLEN HUSS  
JUDITH KERCH  
JANET DOROTHY KUHLMAN, Honors  
FRANK RICHARD MASKO  
SHERRY LYN MAY

JUDITH LEE MCINTOSH  
JERIN BARBARA MUELLER  
CYNTHIA CHRISTIAN NAFZIGER  
JUDITH ANN PURDES  
TERESE ANN RETONDO  
STEVEN ALBERT RISER  
MARY ANN SAFERSTEIN  
VALERIE PECK SPERLING  
JOHN ROBERT JAMES WEAKLEY

## COLLEGE OF VETERINARY MEDICINE

## Degree of Bachelor of Science

*In Veterinary Medicine*

MICHAEL RAYMOND ADAMS  
GRACE MARY BENINGO  
G. JOHN BENSON  
JAMES ALLEN BOLLMEIER  
SHERRY DEE BRUNNER  
JUDITH JANE BURKE  
GEORGE ROBERT CAMPBELL  
THOMAS HENRY CHAMPLEY  
HARVEY DEAN COBB III  
DANIEL BISSELL DOYLE  
ROGER ALAN DUPUIS, Honors  
WALTER PAUL DZIEN, High Honors  
ROBERT ARTHUR EIERMANN, High  
Honors  
LARRY LEE FETZER  
JOHN BERNARD FINLEY  
JANE ANN FRAZIER  
JONATHAN WAINWRIGHT GREENFIELD,  
Honors  
RICHARD TED HAUSER  
CHARLES JOSEPH HERTICH  
ROSS EDWARD HUGI  
JAMES ROBERT HUME  
WAYNE DAVID HURLIMAN  
EDWARD RICHARDS IRWIN II  
RONALD JERROLD KLEIMAN  
JOANNE RUTH KOPPLIN, Honors  
RONALD PHILIP KOPPLIN, Honors  
ROXWELL JOSEPH LAKOTA II  
EDWARD A. LEONARD  
DONALD LEE LEPP  
HOWARD CHARLES LEVINE

CHARLES EDWARD LOTZ  
ROBERT GENE LUNT  
CHARLES CARTER MATTHEWS  
PHILLIP MARTIN MCKINNEY  
DEAN LEROY MOENTMAN  
THOMAS WILLIAM MYERS  
RONALD STEVEN NORD  
GLENN HOWARD OLSEN  
KEITH MARTIN OLSON  
KENNETH RAYMOND PAGE, Honors  
KENNETH DAVID PHILLIPS  
STEVEN BLAIR PRITKIN  
DONALD NIEL RASMUSSEN  
LEONARD ALAN RAY  
PATRICK HARLAND RODEN  
NEIL ARTHUR ROSEN  
ROBERT EDWIN SCHLEEF  
STEVEN LEE SCHMIDT  
RICHARD HAROLD SCHULTE  
JON PETER SCHWIESOW  
NORMAN LESLIE SHETTEL  
ALAN JOHN SMITHE  
RODGER JOHN SNODGRASS  
JACK EPTON SNOW  
LARRY DALTON STOUT  
TIMOTHY LEE STOUT  
LEWIS POTTER THOMAS, JR.  
LONA JANET WATSON  
LEWIS ALAN WHITT  
LARRY RUSSELL WOODCOCK  
JEROME EDMUND ZIMKA  
JOHN LYLE ZIMMERMANN

## Degree of Doctor of Veterinary Medicine

BRIAN ELMER ALBERS  
HERBERT LEE AMYX  
MARTIN DAVID AVOLT  
LARRY DALE BAKER  
MELVIN WALKER BALK  
DWIGHT LEE BECKER  
WILLIAM PAUL BISCHOFF  
CHARLES RAYMOND BOYCE  
ROBERT VICTOR BOYER

DANIEL PATRICK BOYLE  
PAUL BROMBERG  
WALTER BRUNO, Honors  
DAVID NICHOLAS BUSSAN  
RICHARD EDSON CALHOUN  
ROBERT EARL CARLSON  
LAUREN EDWIN DUNAWAY, Honors  
EDWARD CONSTANTINE FLEISCHLI, JR.  
EDGAR ROBERT FOLKERS, JR.

JOSEPH MICHAEL FROST  
 LEIGH GARY GASS  
 PAUL MICHAEL GOLDMAN  
 RICHARD PAUL GREEN  
 BERNARD HARVEY HABERMAN  
 STEVEN PHILIP HADAWAY  
 WALTER CURT HAGELE  
 LARRY ROSS HEDRICK  
 JAYNE SUMMERS HOAGLAND  
 ROY GORDON HUBERT  
 ROGER LEE HUNTER  
 JAMES LOUIS JOHNSON  
 PAULA STEEN JOHNSON  
 ROGER ALLAN JOHNSON  
 BRIAN WALTON JONES  
 MARC DAVID KANTROWITZ  
 ARTHUR DANIEL KING  
 PHILIP STEPHEN LARUSSA  
 STEVEN JON LEGEL  
 JANE GOIN LEHR  
 FRANCIS EUGENE LYNCH  
 PAUL DAVID MARTIN  
 SUSAN REDMAN McLELLAN  
 RICHARD ALLEN McMULLEN, Jr., High  
 Honors  
 GLENN ELDON McNARY

TERRY DEAN MESSAMORE  
 BERNHARDT ALLEN MEYER  
 STEVEN NUSBAUM  
 RAYMOND GEORGE PRATA  
 ADAM ANTHONY PRYMULA  
 LAURENCE WILCOX REED  
 RICHARD JAY ROSSMAN  
 JIM ALLEN RUPNOW  
 GARY LLOYD SALISBURY  
 JAMES KEMBER SANDERS  
 JOHN PAUL SEPESI  
 LLOYD MARVIN SHAW  
 JAMES LOUIS SPICER  
 DENNIS ANTHONY STACHMUS  
 JAMES MONROE STEVENSON IV  
 STEVEN GABRIEL STOLL  
 GARY LOUIS SWINGER  
 DONALD LEE TURSMAN  
 ROBERT IRWIN VALENTINE, JR.  
 MICHAEL STANLEY NOBLE WALTERS  
 DENNIS MICHAEL WEBSTER  
 WILLARD LEE WILKE  
 WALTER DENNIS WILKEY  
 BRUCE ALEXANDER WILLIAMS  
 CLIFFORD BENJAMIN ZIEGENHORN, JR.  
 MARTIN VICTOR ZIPKIN

#### SECRETARY'S REPORT

The Secretary presented for record appointments to the faculty made by the President; declinations and resignations; leaves of absence; and retirements. A copy of the report is filed with the Secretary.

#### ANNOUNCEMENTS FROM THE PRESIDENT OF THE BOARD

President Hughes called attention to the schedule of the next three meetings of the Board: July 23, 1969, in Urbana (having been changed by the Board from July 16); September 17, 1969, at Allerton House in Monticello; and October 15, 1969, at the Dixon Springs Agricultural Center, Simpson.

#### EXECUTIVE SESSION

The President announced that an executive session had been requested and was being ordered for consideration of reports and recommendations relating to personnel items and pending litigation.

On motion of Mr. Clement, the Board recessed for ten minutes.

When the Board reconvened, the following reports and recommendations from the President of the University were presented and considered.

#### RECOMMENDATIONS OF THE UNIVERSITY PATENT COMMITTEE

(34) The University Patent Committee, with the concurrence of the Chairman of the University Research Board, submits the following reports and recommendations relating to patentable inventions by members of the staff.

1. Sampling probe with isokinetic balancing—L. Cheng, Research Assistant in Mechanical Engineering, Urbana, inventor; developed under the sponsorship of the Detroit Edison Company. A precise isokinetic device for sampling of airborne particulates under the varying conditions of the carrier gas velocity which exists in normal field operations was developed. The probe assembly provides two independent functions: to match the isokinetic condition and to measure the carrier gas velocity. The first function is obtained by combination of two quite similar hollow

chambers each of which is furnished with a velocity indicating device; these are the novel ideas. The second function, obtained by a single hollow chamber, comes from the notion of Shapiro and Dursourd.

The Committee recommends that the rights of the University in this invention be assigned to the University of Illinois Foundation for study and possible patent application.

2. Modulated impedance feeding system for log-periodic antennas—P. G. Ingerson, formerly Research Assistant in Electrical Engineering, Urbana, and P. E. Mayes, Professor of Electrical Engineering, Urbana, inventors; developed under the sponsorship of the Air Force Avionics Laboratory. The purpose of the invention is to produce a simple broadband feed system for log-periodic antennas. The feed is to be free of transpositions of transmission line conductors so that it may be used for monopole arrays, slot arrays and other antenna systems where transpositions are difficult or impossible to achieve in practice. The proposed feed system offers a simple, effective method of feeding broadband radiation structures. Its new feature is the introduction of log-periodically spaced impedance modulation of the feed line.

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

3. Antenna with distributed active elements—P. E. Mayes, Professor of Electrical Engineering, Urbana, and Andrew J. Poggio, Research Assistant in Electrical Engineering, Urbana, inventors; developed under the sponsorship of the Air Force Avionics Laboratory. The invention is an antenna which consists of segments of electrical conductor connected by one-port electrical circuit elements, at least one of which is active. Alternatively, the antenna may take the form of a narrow slot cut in a sheet of conducting material and having one-port electrical circuit elements connected across the slot, at least one of which is active. In the preferred embodiment, one or more active elements have impedance versus frequency characteristics which, over some frequency bandwidth, correspond to the conjugate of the impedance of a passive network. The effect of these elements is to increase the phase velocity of the wave along the conductor or slot and enhance the loss due to radiation from such waves. The resulting antenna has a terminal impedance which remains remarkably stable over a very wide frequency band.

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

4. Vaccine against disease caused by nematodes pathogenic in vertebrates—Paul H. Silverman, Professor of Zoology and of Veterinary Pathology and Hygiene, Urbana, Henry L. Scott, Research Associate in Zoology, Urbana, Manford E. Mansfield, Professor of Veterinary Extension and Veterinary Research and of Veterinary Pathology and Hygiene, Urbana, Nail H. Ozerol, Research Associate in Zoology, Urbana, and Helen S. Levine, formerly Research Associate in Zoology, Urbana, inventors; developed under the sponsorship of the United States Public Health Service; Merck, Sharp and Dohme; Eli Lilly; and Moorman Manufacturing Company. This invention concerns a vaccination procedure for the prevention of disease caused by pathogenic nematodes parasitic in domestic animals and man. The process has special application to those helminth parasites which suck the blood of their hosts, e.g., the stomach worm of sheep and hookworm of man and dogs. The procedure involves the use of non-living antigens prepared from the somatic and metabolic nematode products which are harvested from *in vitro* cultures of the parasites during their antigen-producing (histotropic) stages. These antigens, either in an unaltered state, or after lyophilization, purification and fractionation, may be used, with and without adjuvants, to enhance the stimulation of immunity in host animals. An essential feature of this procedure is the inclusion in the vaccine preparation of injectable iron in either the ferric or ferrous state or the provision of an oral iron supplement to aid in the support of the meopoietic (red blood cell producing) system. It should be pointed out that parasitic organisms against which this method may be potentially effective are widespread pathogens in both temperate and tropical countries and the diseases associated with these helminths are of considerable economic and health importance in both veterinary and human medicine.

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

5. Preparation of new antibiotics employing mutant organisms — Kenneth L. Rinehart, Jr., Professor of Chemistry, Urbana, W. Thomas Shier, formerly Fellow in Chemistry, Urbana, and David Gottlieb, Professor of Plant Pathology, Urbana, inventors; developed under the sponsorship of the United States Public Health Service, National Institute of Allergy and Infectious Diseases. The purpose of this invention has been to produce a mutation in an antibiotic-producing micro-organism which will prevent the organism from producing the antibiotic in the absence of a particular portion of the antibiotic, but which will allow the organism to produce the antibiotic in the presence of that portion of the antibiotic. An effort was then made to substitute other compounds for that portion of the antibiotic now required for antibiotic production, with the goal of producing new, potentially superior, antibiotics. New antibiotics have been produced employing a mutant of *Streptomyces fradiae* which can not synthesize the deoxystreptamine component of neomycin but which can produce neomycin in the presence of added deoxystreptamine and new antibiotics, the hybrymycins, in the presence of added streptamine and epistreptamine.

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

6. Tumoricidal effect of magnesium pemoline — Hoa LeVan, Assistant Professor of Medical Radiology, Medical Center, inventor; developed under the sponsorship of Abbott Laboratories. Magnesium Pemoline (Cylert), a central nervous system stimulant was discovered to possess a highly significant tumoricidal effect against Ehrlich type tumor with or without the additional effect of irradiation. The radioprotective effect of this agent was previously reported (patent pending). The tumoricidal effect of Magnesium Pemoline was found most optimal when administered alone to the tumor size at an acceptable pharmacotherapeutic dose of 14mg/kg. Viability tests showed that the tumor cells treated with this drug at the above dose for a period from one to three weeks are significantly less viable and reveal no evidence of malignancy when compared to the control untreated tumor cells.

The Committee recommends that the rights of the University in this invention be assigned to the University of Illinois Foundation for study and possible patent application.

7. Electronic resolver using switched-polarity integration with applications to frequency modulation — Duane H. Cooper, Associate Professor of Electrical Engineering and of Physics and Research Associate Professor in the Coordinated Science Laboratory, Urbana, inventor; developed under the sponsorship of the United States Army (Joint Services Electronic Program). The invention is of an electronic resolver in which a phase-rate signal is subjected to polarity switching in such a manner that a pair of waveforms exhibiting a sawtooth-function dependence upon phase are generated by electronic integration. The polarity switching is governed by the polarity of the waveforms so generated, which waveforms are then readily transformed to conform to sinusoidal and cosinusoidal shapes. Applications are the functioning as a frequency-controlled oscillator and the frequency modulation of separate stable-frequency oscillators.

The Committee recommends that the rights of the University be released to the inventor, subject to the rights of the sponsoring agency.

8. Heat flux tube — S. L. Soo, Professor of Mechanical Engineering, Urbana, inventor. For effective removal of heat from a long body such as an underground conduit for electrical power cables which might have a cross-section of 3 x 3 but hundreds or thousands of feet long, a heat flux tube was invented. The heat flux tube is for cooling in this case, although other applications might call for heating. A heat flux tube consists of two concentric tubes, flexible or rigid, with liquid or gas as working fluid.

The Committee recommends that the rights of the University in this invention be released to the inventor.

9. Method to prepare, sterilize, store, and use cream testing more than 50 per cent fat — Harold K. Wilson, Associate Professor of Dairy Technology in Food

Science, Urbana, and Divaker B. Kenkare, formerly Research Associate in Food Science, Urbana, inventors; developed under the sponsorship of the American Dairy Association. The discovery is the combination of procedural steps and conditions to prepare and sterilize high fat content cream so that it can be stored in a way to preserve its fine qualities for a variety of uses.

The Committee recommends that the rights of the University in this invention be released to the inventors.

10. Instrument for the cryosurgery of warts and other minor growths — L. M. Hursh, Professor of Health Science and Director of the Health Service, Urbana, inventor. This is a solid brass rod cooled to equilibrium with liquid nitrogen. Brass was used because it is a good conductor, is easy to turn on the lathe, and was available in the plumbing shop. The rods were made so they had different size and shaped tips. A hole was made in the rod so a chain could be attached to facilitate the placement and removal of the rod into and out of the liquid nitrogen. A rod seven inches long and one-half inch in diameter was used to provide sufficient mass to prevent too rapid warming. The rods were chromeplated with the chrome sanded off the tip, so that the rods had the appearance of surgical instruments. The cooled rod is applied to the wart for about one and one-half minutes. The following day a blister forms and in three weeks the wart sloughs off without scarring.

The Committee recommends that the rights of the University in this invention be released to the inventor.

11. General auditory-vibratory experience translator (GAVET) — Shirley J. Heinze, Assistant Professor of Psychology in Psychiatry, Medical Center, Paul R. Cekan, Instructor in Psychiatry, Medical Center, and Ramon C. Blatt, Electronic Technician I, Medical Center, inventors. The GAVET is an electronic device which has been designed to respond to sound and to convert the sound signals to mechanical vibrations which can stimulate touch and pressure receptors in the body. It is expected to be of value as a "hearing substitute" for the profoundly nerve deaf individual.

The Committee recommends that the rights of the University in this invention be released to the inventors.

On motions of Mr. Jones, these recommendations were approved.

#### REPORT ON LITIGATION

The legal counsel reported on the recent action of the United States District Court for the Northern District of Illinois, Eastern Division with regard to the state law requiring every person employed by the state to execute an employee's affidavit (commonly known as the "Loyalty Oath").

On motion of Mr. Grimes, the Board adjourned.

EARL W. PORTER  
*Secretary*

EARL M. HUGHES  
*President*

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

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**July 23, 1969**



The July meeting of The Board of Trustees of the University of Illinois was held in the Faculty Lounge of the Illini Union, Urbana, Illinois, on Wednesday, July 23, 1969, beginning at 9:45 a.m.

President Earl M. Hughes called the meeting to order and asked the Secretary to call the roll. The following members of the Board were present: Mr. Howard W. Clement, Mr. Donald R. Grimes, Mr. Ralph C. Hahn, Mr. Earl M. Hughes, Mr. Theodore A. Jones, Mr. Harold Pogue, Mr. Timothy W. Swain. Governor Richard B. Ogilvie, Mr. Ray Page, and Mr. Russell W. Steger were absent.

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



**BUSINESS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY**

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

**PRESIDENT'S REPORT**

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

**ANNUAL OPERATING BUDGET FOR 1969-70**

(1) The budget for the fiscal year beginning July 1, 1969, is submitted herewith, including recommendations for: (a) academic and administrative appointments beginning September 1, 1969; (b) promotions in academic rank effective September 1, 1969; (c) appointments to the nonacademic personnel staff beginning July 1, 1969.

The funds appropriated by the Seventy-sixth General Assembly to the University of Illinois for all purposes are summarized below. Shown also are the amounts requested by the University and approved by the Board of Higher Education.

The budget has been prepared by the Executive Vice President and Provost and the Vice President and Comptroller, based upon recommendations of the chancellors at the three campuses, deans, directors, and other administrative officers, and in consultation with the University Budget Committee<sup>1</sup> representing all campuses of the University. Budget policies with respect to general assignments of funds, including salary adjustments, have also been reviewed with the University Council on Administration. (Finally, the budget will have been reviewed by the Finance Committee of the Board prior to formal action by the Board.)

Submitted herewith is the budget document containing: (a) a Condensed Analysis,<sup>2</sup> which outlines the income anticipated for fiscal year 1970 and describes the principal increases in the budget; (b) Schedules A through H,<sup>2</sup> which contain summaries of income and appropriations for the entire University and budget totals by major categories for each campus; and (c) summaries for each college or other major administrative unit within each campus.<sup>2</sup> Also submitted are four supplemental volumes (two for Urbana-Champaign and general University administration, and one each for the other campuses) presenting budget details for departments, divisions, and other operating units.<sup>2</sup>

I recommend that this budget, covering the allocation of the estimated operating income from all sources for the year beginning July 1, 1969, and as approved by the Finance Committee, be approved by the Board, and that the President of the University be authorized, in accordance with the needs of the University and the equitable interests involved, and within total income: (a) to accept resignations; (b) to make such additional appointments as are necessary subject to the provisions of the University *Statutes* and the *Policy and Rules-Nonacademic*; and (c) to make such changes and adjustments in items included in the budget as are needed. All such changes are to be covered in the Vice President and Comptroller's quarterly financial reports, or in reports to the Board by its Secretary, provided that assignments for nonrecurring capital expenditures in excess of \$12,500 shall be presented to the Board for approval.

On motion of Mr. Grimes, the budget was approved and authority was given as recommended by the following vote: Aye, Mr. Clement,

<sup>1</sup> University Budget Committee: Lyle H. Lanier, Executive Vice President and Provost, *Chairman*; Daniel Alpert, Professor of Physics and Dean of the Graduate College (Urbana-Champaign); Joseph S. Begando, Chancellor at the Medical Center campus; Herbert O. Farber, Vice President and Comptroller; William I. Goodman, Professor of Urban Planning and Chairman of the Department of Urban Planning (Urbana-Champaign); William J. Grove, Professor of Surgery and Dean of the College of Medicine (Medical Center); Morris S. Kessler, Assistant Comptroller (Staff Associate); Norman A. Parker, Chancellor at the Chicago Circle campus; Jack W. Peltason, Chancellor at the Urbana-Champaign campus; William F. Sager, Professor of Chemistry and Head of the Department of Chemistry (Chicago Circle); Martin L. Zeigler, Associate Provost and Director of Institutional Studies (Staff Associate).

<sup>2</sup> The complete budget is printed separately as a supplement to these minutes.

Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Pogue, Mr. Swain; no, none; absent, Governor Ogilvie, Mr. Page, Mr. Steger.

**Summary of Funds Approved for the University of Illinois by the Seventy-sixth Assembly for Fiscal Year 1970**

<i>I. Appropriations for Operations</i>		<i>Requested by University</i>	<i>Appropriated</i>
Senate Bill 854			
General revenue.....		\$164 582 616	\$150 437 400
University income.....		12 970 000	12 970 000
Subtotal.....		(\$177 552 616)	(\$163 407 400)
Agricultural Premium Fund.....		815 410	815 410
Senate Bill 847			
General revenue (medical education)...		—0—	3 500 000
House Bill 1934			
General revenue (municipal clerk training).....		—0—	7 500
House Bill 2676			
General revenue (Police Training Institute).....		—0—	325 000
Total.....		\$178 368 026	\$168 055 310
<i>II. Appropriations for Capital Improvements (General Revenue)</i>		<i>Requested by University</i>	<i>Appropriated</i>
Senate Bill 854			
Reappropriations.....		\$ 21 387 378	\$ 20 259 222
New appropriations.....		19 975 600	11 306 956
Total.....		\$ 41 362 978	\$ 31 566 178
<i>III. Rentals to Illinois Building Authority (General Revenue)</i>		<i>Requested by University</i>	<i>Appropriated</i>
Senate Bill 1227 (existing buildings).....		\$ 9 401 690	\$ 9 401 690
Senate Bill 1224 (new buildings).....		7 688 030	3 819 935
Total.....		\$ 17 089 720	\$ 13 221 625
<i>IV. Declarations of Public Interest (Buildings for IBA Funding)</i>			
Original Senate Bill 1240.....		\$ 93 357 983	
Amended Senate Bill 1240.....			\$ 46 386 617

**BUDGET OF THE ATHLETIC ASSOCIATION FOR 1969-70**

(2) The Director of Intercollegiate Athletics has submitted, on behalf of the Board of Directors of the Athletic Association, the budget for the Association for 1969-70 which is summarized as follows with comparative figures for the preceding year:

	<i>1968-69</i>	<i>1969-70</i>
Income.....	\$1 807 200	\$1 900 879
Appropriations.....	1 807 200	1 900 246
Excess of Income.....	0	633

The budget has been reviewed and approved by the Executive Vice President and Provost and the Vice President and Comptroller.

I recommend that this budget be approved and that the Board of Directors of the Athletic Association be authorized to make such changes and adjustments, including approval of new appointments and acceptances of resignations, as are necessary within the total income and surplus of the Association, provided that: appointments of head coaches and administrative officers and assignments of funds for new projects or nonrecurring capital expenditures in excess of \$12,500 shall be presented to the Board for approval.

A copy of the budget is being filed with the Secretary of the Board for record.

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

**AWARD OF CERTIFIED PUBLIC ACCOUNTANT CERTIFICATES**

(3) 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>
FREDRIC PETER DUNNE	Niles, Illinois	New York
WALTER E. ZEIHNER	Philadelphia, Pennsylvania	Pennsylvania

I concur.

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

**ADVISORY COMMITTEES FOR COLLEGE OF AGRICULTURE**

(4) The Dean of the College of Agriculture recommends the following new appointments and reappointments to Advisory Committees for the College of Agriculture and the Agricultural Experiment Station effective September 1, 1969, for three-year terms, unless otherwise specified:

*Agricultural Economics*

JOHN C. SCHUETT, Regional Manager, Sales and Financing, Deere and Co., Moline 61265

DONALD L. STAHLE, Director, Sales and Marketing, Allied Mills, 110 North Wacker Drive, Chicago 60606

RICHARD WEST, Rural Route, Farmer City 61842

*Agricultural Engineering*

DEAN SEARLS, Manager, Adams Electrical Cooperative, Camp Point 62320

*Agronomy*

ROBERT DULGAR, Dulgar's Seed House, Newton 62448

THOMAS G. PEARSE, JR., Rural Route 4, Ottawa 61350

*Animal Science*

STANLEY J. BUTT, Box 486, Havana 62644

E. E. SCHNETZLER, Director of Poultry Genetics Research, DeKalb Agricultural Research, Inc., DeKalb 60115

*Cooperative Extension*

JOHN AMMON, JR., Winslow 61089

PAUL ANDERSON (at large),<sup>1</sup> Sales Manager, Union Electric Building, 500 East Broadway, East St. Louis 62200

RALPH W. BARBER, Route 1, Buckley 60918

KENNETH G. COMER, Rural Route 4, Casey 62620

C. A. GAMBLE, 402 West Washington, Pittsfield 62363

MRS. JOHN LARSON, Rural Route 2, Box 106, Plainfield 60544

JOHN J. SMALL, Galatia 62935

MRS. FRANCIS WATKINS (at large),<sup>1</sup> 5538 South Harper Avenue, Chicago 60637

*Dairy Science*

NORMAN E. HENKE, Staunton 62088

HOMER KERNAGHAN, Kraft Foods, Milledgeville 61051

KENT M. RYAN, Vice President, Product Marketing Manager, Honeggers' & Co., Inc., Fairbury 61739

CLARENCE W. WELDON, 1440 Sheridan Road, Wilmette 60091

*Forestry*

CHARLES MAIN, Main Brothers Box & Lumber Company, Karnak 62956

ARTHUR F. MUSCHLER, Technical Director, Edward Hines Lumber Company, 200 South Michigan Avenue, Chicago 60604

<sup>1</sup> State-wide appointees (others are district appointees).

JAMES H. TYNDALL, Chief Forester, Cook County Forest Preserve, 536 North Harlem Avenue, River Forest 60305

*Horticulture (Food Crops)*

ROBERT M. EDWARDS, Rural Route 1, Poplar Grove 61065

ALLEN MYERS, Myers Orchards, Rural Route 1, Box 121, Centralia 62801

*Horticulture (Floriculture, Ornamentals)*

G. A. GRUNDSTROM, President, Grundstrom Company, Inc., 2001 Waukegan Road, Glenview 60025

RALPH D. LITTLE, Thornapple Nurseries, Inc., Averill Road, P. O. Box 181, Geneva 60134

L. E. MUELLER, Mueller Farms and Sod Nurseries, Lake Street, Route 20, Bartlett 60103

*General*

Members of this committee, composed of representatives from the departmental committees, act in an advisory capacity to the college administration, and are asked to serve only one year :

FRED W. BERGMANN, Agronomy

GERALD D. GLASCO, Agricultural Economics

H. J. HORTIK, Horticulture

MRS. MILFORD JONTZ, Cooperative Extension

MERLE LESAGE, Animal Science

ARTHUR F. MUSCHLER, Forestry

DEAN SEARLS, Agricultural Engineering

AVERY A. VOSE, Dairy Science

I concur.

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

**ACTING DEAN OF THE COLLEGE OF EDUCATION, URBANA**

(5) The Chancellor at Urbana has recommended that Dr. J. Marlowe Slater, presently Professor of Educational Psychology, Associate Dean of the College of Education, and Coordinator of the Council on Teacher Education, be appointed Acting Dean of the College of Education effective September 1, 1969, through August 31, 1970, or until a dean is appointed, and that he be given an additional salary at the rate of \$2,000 per year.

Dr. Rupert N. Evans has asked to be relieved of this administrative assignment. Dr. Slater will continue as Professor of Educational Psychology and Coordinator of the Council on Teacher Education.

This recommendation is endorsed by the Executive Committee of the College, the Heads of the Departments of the College, and the Executive Vice President and Provost.

I recommend approval.

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

**HEADSHIP OF THE DEPARTMENT OF PREVENTIVE MEDICINE  
AND COMMUNITY HEALTH, MEDICAL CENTER**

(6) The Dean of the College of Medicine has recommended to the Chancellor the appointment of Dr. Edward A. Lichter, presently Associate Professor of Preventive Medicine and Community Health and Acting Head of the Department, as Professor of Preventive Medicine and Community Health on indefinite tenure, and Head of the Department, beginning August 1, 1969, on a twelve months' service basis, at an annual salary of \$32,000.

This appointment is to succeed Dr. Adrien M. Ostfeld who resigned from the University effective July 31, 1968. Dr. Lichter has served as Acting Head of the Department since August 1, 1968.

The nomination of Dr. Lichter is made after consultation with all members of the faculty of the Department of Preventive Medicine and Community Health of the rank of assistant professor and above. The Executive Vice President and

Provost, the Chancellor, and the Acting Dean of the Graduate College concur.

I recommend approval.

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

#### **HEADSHIP OF THE DEPARTMENT OF POLITICAL SCIENCE, CHICAGO CIRCLE**

(7) The Dean of the College of Liberal Arts and Sciences, Chicago Circle, has recommended to the Chancellor the appointment of Richard M. Johnson, presently Associate Professor of Political Science, State University of New York at Buffalo, as Professor of Political Science on indefinite tenure, and Head of the Department of Political Science, Chicago Circle, beginning September 1, 1969, on an academic year service basis, at an annual salary of \$20,000.

Professor Johnson will replace Professor Hollis W. Barber who has asked to be relieved of his administrative duties effective August 31, 1969.

The nomination is supported by the search committee for the headship of the department<sup>1</sup> and by the faculty of the Department of Political Science. The Chancellor and the Executive Vice President and Provost concur.

I recommend approval.

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

#### **CHAIRMANSHIP OF THE DEPARTMENT OF PHILOSOPHY, CHICAGO CIRCLE**

(8) The Dean of the College of Liberal Arts and Sciences, Chicago Circle, has recommended to the Chancellor the appointment of Donald A. Wells, presently Professor and Chairman of the Department of Philosophy, Washington State University, as Professor of Philosophy on indefinite tenure, and Chairman of the Department of Philosophy, beginning September 1, 1969, on an academic year service basis, at an annual salary of \$22,000.

Professor Wells replaces Professor Ruth B. Marcus who resigned in 1968. During the past year Professor George Dickie has been Acting Head of the Department.

The nomination is supported by the search committee for the chairmanship of the department<sup>2</sup> and by the faculty of the Department of Philosophy. The Chancellor and the Executive Vice President and Provost concur.

I recommend approval.

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

#### **APPOINTMENTS TO THE FACULTY**

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

Positions in the University are classified in the following categories and are designated in the budget by the symbols indicated: A— indefinite tenure; P— indefinite term appointment for part-time service only; B— two years; D— one year; E— nine months from the beginning of the academic year; G— special tenure; Q— initial term appointment for professor or associate professor; T— terminal appointment, accompanied with or preceded by notice of non-reappointment; W— one-year appointment subject to special written agreement; 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. EDWIN COHEN, Professor of Accounting and Coordinator of Accounting Area,

<sup>1</sup> Boyd Keenan, Professor of Political Science, *Chairman*; George Beam, Assistant Professor of Political Science; Doris Graber, Associate Professor of Political Science; Mildred Schwartz, Associate Professor of Sociology; Irving Thalberg, Associate Professor of Philosophy.

<sup>2</sup> George Dickie, Professor of Philosophy and Acting Chairman of the Department, *Chairman*; Arnold Levison, Associate Professor of Philosophy; Terence Parsons, Assistant Professor of Philosophy; Robert Kemini, Professor of History and Chairman of the Department; Brian Skeyrms, Associate Professor of Philosophy; William Tait, Professor of Philosophy.

College of Business Administration, beginning September 1, 1969 (A), at an annual salary of \$21,000.

2. ISTAVROS STAFANU PAPADOPOULOS, Associate Professor of Geological Sciences, beginning September 1, 1969 (A), at an annual salary of \$16,500.
3. ROLAND PRIEMER, Assistant Professor of Electrical Engineering, beginning September 1, 1969 (1), at an annual salary of \$10,800.

#### Medical Center

4. ALAN M. MILLER, Assistant Professor of Radiology, College of Dentistry, on 40 per cent time, beginning September 1, 1969 (DY40), at a salary of \$4,800.
5. ROBERT W. NORDAN, Assistant Professor of Psychology, Department of Psychiatry, College of Medicine, beginning September 1, 1969 (1Y), at an annual salary of \$12,500.
6. JAMES C. VARY, Assistant Professor of Biological Chemistry, College of Medicine, beginning September 1, 1969 (1Y), at an annual salary of \$13,000.
7. RICHARD H. YAMADA, Assistant Professor of Periodontics, College of Dentistry, on 50 per cent time, beginning September 1, 1969 (DY50), at an annual salary of \$7,000.

#### Urbana-Champaign

8. RICHARD ASLANIAN, Assistant Professor of Music, beginning September 1, 1969 (1), at an annual salary of \$11,000.
9. SUSAN J. BAHLKE, Assistant Coordinator of Research and Testing, University Office of School and College Relations, and Assistant Professor of Educational Psychology, College of Education, beginning August 1, 1969 (DY, 1Y), at an annual salary of \$12,000.
10. EDWARD KNIGHT BOWDON, SR., Assistant Professor of Computer Science, Graduate College, beginning September 1, 1969 (1), at an annual salary of \$13,500.
11. ROBERT E. BOYD, Assistant Professor of Educational Psychology and Director of Guidance, University High School, beginning September 1, 1969 (1), at an annual salary of \$11,300.
12. HARVEY M. CHOLDIN, Associate Professor of Sociology, beginning September 1, 1969 (A), at an annual salary of \$14,000.
13. JOHN A. CONNOR, Assistant Professor of Biophysics, Department of Physiology and Biophysics, beginning September 1, 1969 (1), at an annual salary of \$11,500.
14. PAUL M. FISHBANE, Research Assistant Professor of Physics, beginning September 1, 1969 (TY), at an annual salary of \$11,000.
15. ROLAND K. W. FOLTER, Assistant Professor of German, beginning September 1, 1969 (1), at an annual salary of \$10,000.
16. FRANK F. FOSTER, Assistant Professor of History, beginning September 1, 1969 (1), at an annual salary of \$11,000.
17. MARVIN GELLER, Assistant Professor of Electrical Engineering, for two months from July 1, 1969 (G), at a salary of \$2,445, and beginning September 1, 1969 (1), at an annual salary of \$11,000.
18. FLOYD A. GILES, Assistant Professor of Horticulture and Extension Specialist in Horticulture, beginning July 1, 1969 (1Y), at an annual salary of \$11,500.
19. MARC W. GOLD, Assistant Professor of Special Education and Research Assistant Professor in the Children's Research Center, beginning September 1, 1969 (1), at an annual salary of \$11,000.
20. ROBERT W. HERDT, Assistant Professor of Agricultural Economics, beginning September 1, 1969 (1Y), at an annual salary of \$14,500.
21. CHARLES HERSHBERGER, Assistant Professor of Microbiology, beginning September 1, 1969 (1), at an annual salary of \$13,000.
22. GORDON L. JENDRSIAK, Assistant Professor of Biophysics, Department of Physiology and Biophysics, beginning September 1, 1969 (1), at an annual salary of \$12,500.
23. WILLIAM CHARLES JENNÉ, Associate Professor of Sociology, beginning September 1, 1969 (A), at an annual salary of \$13,000.
24. JOHN A. KATZENELLENBOGEN, Assistant Professor of Chemistry, beginning September 1, 1969 (1), at an annual salary of \$10,500.
25. EARL D. KELLOGG, Assistant Professor of Agricultural Economics, College of Agriculture, beginning October 1, 1969 (1Y), at an annual salary of \$14,000.

26. CHARLES W. KISSEBERTH, Assistant Professor of Linguistics, beginning September 1, 1969 (1), at annual salary of \$11,500.
27. DONALD W. KRUMMEL, Associate Professor of Library Science, Graduate School of Library Science, beginning September 1, 1970 (Q), at an annual salary of \$14,000.
28. HEINRICH P. LOTZ, Assistant Professor of Mathematics, beginning September 1, 1969 (1), at an annual salary of \$10,000.
29. EVA JOAN McKENNA, Research Assistant Professor in the School of Life Sciences, beginning September 1, 1969 (1), at an annual salary of \$11,000.
30. S. CLARK McPHAIL, JR., Assistant Professor of Sociology, beginning September 1, 1969 (1), at an annual salary of \$13,400.
31. RALPH D. McQUEEN, Associate Professor of Veterinary Physiology and Pharmacology in Veterinary Medicine, Agriculture, and University Extension, beginning July 1, 1969 (AY), at an annual salary of \$18,660.
32. JOSEPH B. MILES, Assistant Professor of Mathematics, beginning September 1, 1969 (1), at an annual salary of \$10,200.
33. DONALD P. MULLALLY, Assistant Professor of Radio and Television, beginning September 1, 1969 (1), at an annual salary of \$11,500.
34. DALE R. NELSON, Assistant Professor of Veterinary Clinical Medicine, beginning September 1, 1969 (1Y), at an annual salary of \$13,400.
35. LARRY K. OLSEN, Assistant Professor of Health Education and in University Extension, beginning September 1, 1969 (1), at an annual salary of \$11,000.
36. ANNE I. PETTIT, Assistant Professor of Physical Education for Women, beginning September 1, 1969 (1), at an annual salary of \$10,000.
37. JAMES G. SCOVILLE, Associate Professor of Economics and in Labor and Industrial Relations, beginning September 1, 1969 (QY), at an annual salary of \$15,000.
38. LEONARD D. SINGER, Assistant Professor of Art, beginning September 1, 1969 at an annual salary of \$10,500.
39. RICHARD C. TREXLER, Assistant Professor of History, beginning September 1, 1969 (1), at an annual salary of \$12,000 (on leave of absence without pay, 1969-70).
40. GREGORY S. WHITT, Assistant Professor of Zoology, beginning September 1, 1969 (1), at an annual salary of \$12,000.
41. ALLAN W. WICKER, Assistant Professor of Psychology, beginning September 1, 1969 (1), at an annual salary of \$12,000.

#### Visiting Staff

42. MARY E. CRAIG, Visiting Assistant Professor of Chemistry, Urbana, beginning September 1, 1969 (B), at an annual salary of \$10,500.
43. ROBERT M. HAYES, George A. Miller Visiting Professor in the Graduate School of Library Science, Urbana, for the period from March 1, 1970, through March 31, 1970 (G), at a salary of \$2,250.
44. MUHAMMAD IBRAHIM, Visiting Assistant Professor of Linguistics, Urbana, for the academic year 1969-70 (D), at a salary of \$10,500.
45. JURIJ KOROBV, Visiting Associate Professor of Mechanical Engineering, Urbana, for the academic year 1969-70 (E), at a salary of \$12,000.
46. GAIL W. PIEPER, Visiting Assistant Professor of Classics, on three-fourths time, Urbana, 1969 Summer Session, at a salary of \$1,534, and for the academic year 1969-70 (D), at a salary of \$9,200.
47. ARTHUR P. WHITAKER, Visiting Professor of History, Urbana, for the academic year 1969-70 (E), at a salary of \$25,000.

#### Administrative Appointments

48. LEONARD E. GOODALL, Vice Chancellor and Associate Professor of Political Science, Chicago Circle, beginning August 1, 1969 (DY,A), at an annual salary of \$27,000.
49. ALFRED P. MAURICE, Associate Dean of Faculties and Professor of Art, Chicago Circle, beginning September 1, 1969 (DY,A), at an annual salary of \$23,000.

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

**SABBATICAL LEAVES OF ABSENCE, 1969-70, URBANA**

(10) I recommend that the following members of the staff be given sabbatical leaves of absence during the academic year 1969-70 in accordance with the provisions of the University of Illinois *Statutes* and on the terms and for the periods indicated. This recommendation is supplementary to the applications recommended to the Board of Trustees on March 19, April 9, and May 21, 1969.

**College of Fine and Applied Arts****Department of Art**

RONALD A. NAMETH, Assistant Professor of Art (effective September 1, 1969), second semester 1969-70, one-half pay.

**College of Liberal Arts and Sciences****Department of English**

WILMER A. LAMAR, Assistant Professor of English (effective September 1, 1969), second semester 1969-70, full pay.

On motion of Mr. Grimes, these leaves were granted as recommended.

**MASTER OF BUSINESS ADMINISTRATION, CHICAGO CIRCLE**

(11) The Chicago Circle Senate has recommended authorization of a curriculum leading to the degree of Master of Business Administration.

The program is built on a core of disciplines required by the American Association of Collegiate Schools of Business (accounting, economics, finance, management, marketing, quantitative methods and legal environment of business), but also permits a limited number of elective courses in the College of Business Administration and in other academic areas within the University. It is designed to provide an opportunity for qualified men and women, regardless of their undergraduate fields of study, to develop a firm and broad foundation in business administration which will prepare them for administrative careers in business, labor, or government, or for an academic career of teaching and research.

The Chancellor at the Chicago Circle campus and the Executive Vice President and Provost concur in this recommendation. The Senate Coordinating Council has indicated that no other Senate jurisdiction is involved.

Submitted herewith are a proposed catalog statement describing the program and outlines of sample programs, copies of which are being filed with the Secretary of the Board.

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

Mr. Jones expressed concern as to the rigidity of the minimum admission requirement, which would provide for no exceptions for students with less than a 3.5 average. At the suggestion of President Henry, and on motion of Mr. Pogue, the Board approved the item in general, deferring action on this aspect of it — with the understanding that a report would be presented at the September meeting.

**MASTER OF ARTS IN SPEECH AND THEATRE, CHICAGO CIRCLE**

(12) The Chicago Circle Senate has recommended authorization of a curriculum leading to the degree of Master of Arts in Speech and Theatre.

The proposed program — encompassing areas of specialization in Communication and Public Address and in Theatre — is designed to fulfill three objectives: (1) preparation for teaching in secondary schools and junior colleges, (2) predoctoral study, and (3) specialized training for students whose careers in business and the professions require additional knowledge in these areas. Demand for such a program derives from such factors as increased demand for instructors from secondary schools and expanding junior college systems; increasing emphasis in industry on study of communications patterns; and federal programs involving language acquisition and language retraining. This demand is accentuated by the



fact that in the Chicago metropolitan area no publicly-supported institution offers graduate work in speech and theatre. In addition, the area offers a rich source of research activity with its abundant activities in communications, theatre, and public speaking.

The Chancellor at the Chicago Circle campus and the Executive Vice President and Provost concur in this recommendation. The Senate Coordinating Council has indicated that no other Senate jurisdiction is involved.

Submitted herewith is an outline of typical programs of study, a copy of which is being filed with the Secretary of the Board for record.

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

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

#### **DEGREE OF DOCTOR OF LIBRARY SCIENCE, URBANA**

(13) The Urbana-Champaign Senate has recommended authorization of a new curriculum to be offered through the Graduate School of Library Science leading to a professional degree, Doctor of Library Science (D.L.S.).

The University has offered the Ph.D. degree in Library Science for twenty years. The dissertations produced have been conceived of as original contributions to knowledge, in the tradition of the Ph.D. degree. Some students, however, with the ability, interest, and need for advanced study, have been interested in a program which emphasized the preparation of administrators and specialists rather than research specialists.

Moreover, as the field of library science expands and becomes more technical, there is a growing need for advanced study for administrative and teaching posts. Of the forty-two persons who have earned the Ph.D. in library science at the University of Illinois, twenty-two hold administrative positions in academic libraries and sixteen hold library school positions.

The proposed professional degree would differ specifically from the Ph.D. program in these ways: (1) it would require more courses, twelve units, including at least two units in another department, (2) there would be no foreign language requirement, and (3) instead of a research thesis, there would be a doctoral project representing at least a year of full-time work and constituting some form of creative problem-solving, such as a survey of library applications of data processing, preparation of a programmed test for use in the teaching of library science, or development of a code of rules for the cataloging of audio-visual materials.

It is not expected that the D.L.S. program will supplant or compete with the Ph.D. program, but that the availability of two programs will serve the special interests and needs of students and of the profession. The entrance requirements for the programs would be identical.

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

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

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

#### **MINOR IN RELIGIOUS STUDIES, URBANA**

(14) The Urbana-Champaign Senate has recommended authorization of an inter-departmental minor in religious studies to be administered by the College of Liberal Arts and Sciences.

On December 15, 1965, the Board approved the establishment of an inter-departmental program in religious studies. The proposed program will enable students to undertake a serious and coherent program of study in this area. With the approval of his adviser and the director of the program, the student may choose courses from among six departments totaling at least twenty hours. A committee of representatives of participating departments has been formed with responsibility to formulate future plans of the program and to nominate a permanent program director.

The Chancellor at the Urbana-Champaign campus and the Executive Vice

President and Provost concur in this recommendation. The Senate Coordinating Council has indicated that no other Senate jurisdiction is involved.

I recommend approval.

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

#### **DISCONTINUANCE OF UNDERGRADUATE MAJOR IN LATIN-AMERICAN STUDIES, URBANA**

(15) The Urbana-Champaign Senate recommends the discontinuance of the undergraduate interdepartmental major in Latin-American Studies.

After more than a decade of experience with the program, the executive committee of the Center for Latin-American Studies has concluded that the program, composed of courses completed in disparate subject matters, does not provide students with the same depth of intellectual training that is provided by a single discipline for the undergraduate major. Moreover, for students planning graduate study, the Latin-American Studies major has in recent years put students at a disadvantage in competing for entrance into disciplinary graduate programs.

The combination of a major in a discipline with a minor focussing on the area seems to offer the soundest kind of academic program for students pointing toward career goals requiring training in the Latin-American area. The undergraduate minor program, whose requirements have been identical to the undergraduate major, would be retained.

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

I recommend approval.

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

#### **CONTINUATION OF TUITION AND FEE SCHOLARSHIPS FOR DISPLACED PERSONS**

(16) The University Committee on Financial Aid to Students recommends the continuation of the program of tuition and fee scholarships for displaced persons or refugees, which was established by the Board of Trustees in 1949 and renewed in 1957, 1961, and 1965. The proposed renewal would be for a four-year period beginning September, 1969, and would provide up to fifteen scholarships per year.

Although use of these scholarships has not been heavy in recent years—during 1968-69, one was awarded at the Chicago Circle campus and four at the Urbana-Champaign campus—the availability of them for displaced persons has been invaluable in the individual cases where they have been granted.

In recent months, there has been an increase in the number of refugees from Czechoslovakia and Poland. These persons are usually in need of financial assistance. Because of their immigrant status, they are not eligible for most of the funds which the University is able to provide. The University Committee, therefore, recommends an extension of this scholarship program at the level previously authorized.

The Executive Vice President and Provost recommends approval of this proposal.

I concur.

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

#### **REORGANIZATION AND EXPANSION OF THE COLLEGE OF MEDICINE**

(17) The Board of Trustees at its meeting on October 16, 1967, approved in principle a set of proposals for the expansion of the University's programs in the health professions. That statement was used as the basis for the preparation of a comprehensive report entitled *Proposals for the Expansion of Education in the Health Professions—1967-1980*, which was presented to the director of the Board of Higher Education's study of education in the health fields on December 13, 1967. Most of those proposals were substantially endorsed in the final report of the study issued by the Board of Higher Education under the title *Education in the Health Fields for State of Illinois* (June, 1968).

Prominent among the University's plans was a massive program for the

expansion of professional education in medicine at three levels: the curriculum for the M.D. degree, internship-residency training, and continuing (postgraduate) education of physicians.

Funds for initial implementation of these plans have been included in the University's capital and operating budget requests for 1969-70. The latter have been approved by the Board of Higher Education, and funds have been appropriated by the General Assembly.

In the light of these developments, the College of Medicine now seeks authorization from the Board of Trustees to institute organizational and administrative arrangements through which the expanded program in medical education would be developed and conducted. It is proposed that the College be reorganized in the following fashion:

1. The establishment of several semiautonomous "schools" of moderate size within the College of Medicine, each with its own dean, faculty, and system of internal governance. (Provision for the establishment of schools within a college is made in Section 10 of the *University of Illinois Statutes*.)
2. The title of the Dean of the College of Medicine would be changed to "Executive Dean." His responsibilities would continue to be essentially those described in Section 9 of the *Statutes*, except that his internal administrative relationships would be primarily with deans of schools rather than with executive officers of departments. As Executive Dean, he would continue to report to the Chancellor for the Medical Center campus.
3. The College of Medicine would adapt its committee structure and other aspects of internal governance so as to have the "school" replace the "department" as the primary organizational unit at college level. Appropriate representation on college committees and other college-wide agencies would be assured to the several schools.
4. Each school would have a dean—who would report to the Executive Dean of the College—and its own faculty, committees, departments, and student body. It would conduct its own educational, research, and service programs with a significant degree of autonomy, within the framework of the *Statutes*. Each school would be encouraged to develop programs responsive to the special interests and needs of its faculty, student body, and public.

Two types of schools would be established: (a) Schools of Basic Medical Sciences; (b) Schools of Clinical Medicine.

5. *The Schools of Basic Medical Sciences* will promote basic knowledge and the understanding of sciences relevant to preparation for careers in dentistry, medicine, nursing, pharmacy, and associated medical fields, and stimulate and support an interest in teaching and research among undergraduate students, graduate students, and faculty. It is anticipated that the typical curriculum for medical students will be one year.

The first School of Basic Medical Sciences will be established at the Medical Center campus and will comprise the present Departments of Anatomy, Biological Chemistry, Microbiology, Pathology, Pharmacology, and Physiology.

6. *Schools of Clinical Medicine* would be established to offer to students transferring from the Schools of Basic Medical Sciences a three-year curriculum for completing the work for the M.D. degree. One of the clinical schools would include the regular faculty and departments of the clinical divisions of the present College of Medicine that are based at the University of Illinois Hospital. The latter and certain affiliated hospitals would provide the primary training and research facilities used by this school (temporarily designated as "School B").

One additional school would be established during 1969-70 in the Chicago area, with faculty and training facilities to be provided primarily from the staff or staffs of affiliated hospitals. Pending the completion of hospital and staff arrangements for the conduct of this school, it is designated simply as "School C."

As resources and enrollment expand, and as other circumstances might justify, it is anticipated that additional clinical schools will be established in regions outside Chicago, including Peoria and Rockford. These schools would emerge from "clinical centers" which are proposed in the next section.

7. The University's program of expansion for the College of Medicine calls for the creation of regional clinical centers which would ultimately conduct the clinical portion of training for the M.D. degree, internship-residency training, and continuing education for physicians. The order of development of these three functions, however, is the reverse of that just listed; "undergraduate" medical education would not be offered until the necessary resources of faculty and facilities had been developed through programs of continuing education and internship-residency training.

Preliminary planning has already been done looking toward the establishment of clinical centers in Peoria and Rockford during 1969-70, and it is proposed that they be formally authorized by Board action.

The foregoing plans have been developed by several planning committees of the College of Medicine, with assistance from a committee at the Urbana-Champaign campus. The plans outlined above have been approved by the Executive Committee and the faculty of the College of Medicine, the Medical Center Senate, and the Senate Coordinating Council. They are endorsed by the Chancellor at the Medical Center campus and by the Executive Vice President and Provost. Funds for the initial steps towards the implementation of the program have been appropriated by the General Assembly.

I recommend approval of these proposals by the Board of Trustees, subject to such further approval by the Board of Higher Education as may be required.

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

#### NEW HOSPITAL AFFILIATIONS FOR THE COLLEGE OF MEDICINE

(18) The Board of Higher Education's report, *Education in the Health Fields for State of Illinois*, recommends that the University of Illinois College of Medicine expand its program of medical education by use of existing clinical facilities in regions throughout the state of Illinois.

The University's 1969-70 budget for operations includes funds for the initiation of definitive planning in this direction, in cooperation with three hospitals (St. Anthony's, Swedish American, and Rockford Memorial) in Rockford and three hospitals (St. Francis, Methodist, and Procter) in Peoria. To implement further the recommendations of the Board of Higher Education, twenty-two hospitals in the Chicago Metropolitan Area that had expressed interest in affiliation with the College of Medicine have been surveyed by the Vice Chancellor at the Medical Center campus. With six of these hospitals—namely, Illinois Masonic, Lutheran General, Mercy, Louis A. Weiss Memorial, Ravenswood, and MacNeal Memorial—discussions have proceeded to the point where the development of educational programs would seem to be feasible.

The Dean of the College of Medicine, the Chancellor at the Medical Center campus, and the Executive Vice President and Provost recommend that the Dean of the College of Medicine be authorized to proceed with affiliation negotiations with each of the hospitals designated above. Formal agreements would be brought to the Board of Trustees for approval. (This recommendation does not preclude the development of affiliation agreements with additional hospitals at some future date; nor does it alter in any way the existing affiliation arrangements of the College of Medicine with Cook County Hospital, Hines Veterans Administration Hospital, Presbyterian-St. Luke's Hospital, the West Side Veterans Administration Hospital, and other institutions.)

I concur.

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

#### AMENDMENT OF SECTIONS 7 AND 65 OF THE UNIVERSITY STATUTES

(19) The Senate Coordinating Council has proposed amendments to Sections 7 and 65 of the University *Statutes* relating to the Council and its role, particularly in relation to the procedure for amending the *Statutes*. (The proposed amendments are printed below.)

The Council has summarized the changes as follows:

"Our consideration of the potential usefulness of the Council has led to the conclusions that (1) the Council's name should be changed (to the University

Senates Conference) to avoid confusion and to better describe its position; (2) its functions as coordinator of the work of the Senates should be clarified and expanded in minor respects; (3) its advisory role should be clearly defined and clearly authorized; and (4) Section 65 of the *Statutes*, relating to amendments, should be clarified and rationalized."

The three Senates have now approved these amendments.

These proposals, initiated by the Senate Coordinating Council, are timely and clarify the significant role of the Council in the handling of the affairs of the Senate. I recommend that the amendments be approved and that the *Statutes* be amended accordingly.

On motion of Mr. Jones, this recommendation and the proposed amendments to sections 7 and 65 of the University *Statutes* were approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Pogue, Mr. Swain; no, none; absent, Governor Ogilvie, Mr. Page, Mr. Steger.

#### Proposed Amendments

Sec. 7.(a) *Organization*. The University Senates Conference shall consist of six members elected from each of the present Senates. Any faculty member of a Senate shall be eligible for election to the Conference, except that no member shall serve more than two terms consecutively. The term of office shall be three years: one-third of the members from each Senate shall be elected annually. A quorum for Conference meetings shall consist of two-thirds of the members from each Senate. If a quorum can not be obtained otherwise, the Conference members from a Senate, by majority approval, may designate one alternate from their own Senate to serve at a specific meeting.

The Conference officers shall be a chairman and a secretary, who shall be elected from among its members and shall not be from the same Senate; the offices of chairman and secretary shall rotate among the Senates annually and alphabetically.

The Executive Committee of the Conference shall consist of the chairman and the secretary, and additional elected members chosen so that the Committee includes at least one-third of the members from each Senate. The Conference may authorize the Executive Committee to act on behalf of the Conference between scheduled meetings.

(b) *Functions*. The University Senates Conference shall review all matters acted upon by each Senate. The Conference shall determine whether Senate actions requiring implementation or further consideration by officials or other groups within the University have been referred to the appropriate officials or groups. The Conference itself may make any original or additional referral it deems advisable, and may append its comments and recommendations. Should the Conference find a matter acted upon by one of the Senates to be of concern to one or more of the other Senates, it shall refer the matter and the action to the other Senate(s). If two or more Senates have acted differently on a subject, the Conference shall attempt to promote agreement or consistency; where agreement or consistency can not be effected within a reasonable period of time, the Conference shall transmit the related actions of the Senates, together with its own recommendations, to the appropriate officials or groups within the University, and shall simultaneously notify the Secretary of each Senate of its action; any Senate may record and transmit its further comments to the same addressees and to the Conference.

The University Senates Conference shall assist the Senates to communicate with one another, with University and Campus administrative officials, and with the Board of Trustees (though the President); and may develop and implement procedures to enhance such communication.

(c) The Conference may act and may authorize its Executive Committee to act as an advisory group to the Board of Trustees (through the President), the President, other administrative officials, and the several Senates on matters of University-wide concern. It shall be a special concern of the Conference Executive Committee to aid in maintaining harmonious relations among such officers and the units of the University.

Sec. 65.(a) *Initiation by a Senate.* Each of the Senates by vote of a majority of all members present and voting at a regular or special meeting may propose amendments to these Statutes. No final Senate action shall be taken on a proposed amendment until the next meeting following the one at which it was introduced. The Secretary of a Senate shall notify the Secretaries of the other Senates and the Secretary of the University Senates Conference of the text of a proposed amendment promptly after the meeting at which it is introduced. The proposed amendment shall be referred to the University Senates Conference for its consideration and transmission to the other Senates for action; the Conference may append its comments and recommendations.

The proposed amendment shall be placed promptly on the agenda of each of the other Senates. If the Senates act affirmatively on the proposed amendment and concur as to its text, the Conference shall send the proposed amendment to the President for transmission to the Board of Trustees; the Conference may append its comments. If the Senates do not agree as to the proposed amendment, the Conference shall endeavor to promote agreement of the Senates; where agreement can not be effected within a reasonable period of time, the Conference shall send the proposals of the Senates and its own recommendations to the President for transmission to the Board of Trustees, and shall simultaneously notify the Senates of its action; any Senate may record and send its further comments to the President for transmission to the Board of Trustees.

(b) *Initiation by the Board of Trustees.* The Board of Trustees may initiate proposals to amend the Statutes, but the Board shall not finally adopt any such proposal without first seeking the advice of the President, the Senates, and the University Senates Conference. Any proposal to amend the *Statutes* which is initiated by the Board of Trustees shall be transmitted through the President to the University Senates Conference and transmitted by the Conference with its recommendations to the Senates for consideration and advice. The proposed amendment shall be placed promptly on the agenda of each of the Senates. If the Senates do not agree in their advice concerning the proposed amendment, the Conference shall endeavor to promote agreement; where agreement can not be achieved within a reasonable period of time the Conference shall send the advice of the Senates and its own recommendations to the President for transmission to the Board of Trustees and shall simultaneously notify the Senates of its action; any Senate may record and send its further comments to the President for transmission to the Board of Trustees.

(c) An amendment shall become effective when approved by the Board of Trustees or at such later time as the Board may specify.

#### REVISION OF UNIVERSITY STATUTES: DELETION OF SECTION 5, UNIVERSITY COUNCIL

(20) The University Council (or University Council on Administration) for many years has served in various ways as a consultative, advisory, and occasionally a decision-making body on a University-wide basis. In recent months, studies have been undertaken to appraise the role of the Council under the present organizational structure of the University. A review of the historic role of the Council in the light of present needs was prepared by the office of Vice President Eldon Johnson. A copy is being filed with the Secretary of the Board.

The members of the Council have considered the review document and the analysis provided for several months, and at their meeting of June 11, 1969, unanimously recommended that the Council be dissolved. It is evident to all concerned that the task of intercampus communication remains a high level responsibility and a subject requiring high priority discussion and future planning. However, this can be exercised without statutory definition or prescription.

Accordingly, in implementation of the action of the Council and with the concurrence of the administrative staff, I recommend that the Board approve provisionally the deletion of Section 5 from the *University Statutes*.

In accord with the procedures for amendment of the *Statutes*, this recommendation, if approved, would be submitted to the Senates for their advice and subsequently submitted to the Board for final action.

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

### REPEAL OF SECTION 21(E) OF THE GENERAL RULES

(21) Following the issuance of a Federal Court injunction related to speakers on our campuses, the attached October 9, 1968, memorandum was transmitted to the Chancellors. Section 21(e) of the *General Rules Concerning University Organization and Procedures* restricts the use of University premises and facilities for political purposes. Recent court decisions suggest that the validity of some of the restrictions could be questioned. In any event, most approved political activities on campus involve the presentation of speakers and it seems inappropriate to impose greater restrictions on the availability of campus facilities to political speakers than those applicable to visiting speakers generally.

Accordingly, I recommend that the Board of Trustees repeal the provisions of Paragraph (e) in Section 21 of the *General Rules*. Such action would place all visiting speakers on the same basis, and would also be consistent with the national trend towards increased interest on the part of university communities in political matters. The other provisions of Section 21 of the *General Rules*, as implemented by the attached October 9, 1968, memorandum, should adequately protect against abuses.

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

### REPEAL OF SECTION 26(L) OF THE GENERAL RULES

(22) Section 26(l) of the *General Rules Concerning University Organization and Procedures* requires every person employed by the University to execute and file an affidavit (commonly referred to as a "loyalty oath") in the same form as the one required of all state employees paid from appropriated funds by Section 166(b) of Chapter 127 of the Illinois Revised Statutes.

On June 13, 1969, a Federal District Court in Chicago found the statutory requirement for the loyalty oath to be unconstitutional, and enjoined the University and others from enforcing the same in a specific case. Thereafter, on July 11, 1969, the Supreme Court of Illinois decided a case involving the validity of legislation authorizing a constitutional convention and held a requirement for a similar oath from delegates to violate the Federal Constitution, citing the June 13 Federal District Court case as authority. In the light of these decisions, the University Counsel has advised it is improper for the University to continue to require the affidavit from its employees since the University's action would be regarded as state action. The Attorney General has also taken the position that state employees, including University employees compensated from appropriated funds, may not be required to sign the affidavit in question.

Accordingly, I recommend that the Board of Trustees repeal the provisions of paragraph (l) in Section 26 of the *General Rules*. (See copy of affidavit below.)

Sec. 26(l) Every person employed by the University shall execute and file with the University the following Employee Affidavit:

United States of America } ss  
State of Illinois }

I, \_\_\_\_\_, do swear (or affirm) that I am not a member of nor affiliated with the communist party and that I am not knowingly a member of nor knowingly affiliated with any organization which advocates the overthrow or destruction of the Constitutional form of the government of the United States or of the State of Illinois, by force, violence or other unlawful means.

(Signed) \_\_\_\_\_

Subscribed and sworn to (or affirmed) before me, this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_.

\_\_\_\_\_  
Notary Public

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

### APPROPRIATIONS FOR NONRECURRING EXPENDITURES

(23) The Executive Vice President and Provost and the Vice President and Comptroller recommend the following appropriation from the:

*General University General Reserve*

Renovation and remodeling for which funds are assigned to the Department of Plant and Services:

Maintenance repairs to Hott Memorial Center..... \$ 10 720

**Urbana-Champaign**

The Chancellor, on behalf of the Urbana-Champaign Committee on Nonrecurring Appropriations, recommends the following appropriations from the funds indicated:

*Urbana-Champaign Contract Research Reserve*

Renovation and remodeling for which funds are assigned to the Department of Plant and Services:

Planning funds and remodeling in the Sanitary Engineering Laboratory for the Environmental Sciences Program..... \$ 17 000

*Urbana-Champaign General Reserve*

Assignments to Match Funds Received for Grants from the National Science Foundation under the Instruction Scientific Equipment Program:

College of Engineering:

Department of Mechanical and Industrial Engineering..... \$ 22 400

College of Liberal Arts and Sciences

Department of Chemistry and Chemical Engineering..... 18 900

Department of Geography..... 10 200

Department of Psychology..... 25 000

*Total, Urbana-Champaign General Reserve..... \$ 76 500*

**Medical Center**

After review by the Medical Center Committee on Nonrecurring Appropriations, the Chancellor recommends the following appropriations from the:

*Medical Center General Reserve*

Research and Educational Hospitals, Department of Medicine, equipment for an Intensive Care Unit..... \$ 71 544

College of Nursing, laboratory supplies and instructional equipment..... 58 250

Renovation and remodeling for which funds are assigned to the Physical Plant Department:

Air conditioners for the Library of Medical Sciences..... 32 700

Remodeling laboratories in the Medical Sciences Addition for the Department of Biological Chemistry..... 72 900

Remodeling laboratories in the First Unit Dentistry-Medicine-Pharmacy Building for the Department of Pathology..... 115 000

Remodeling for an Intensive Care Unit for the Department of Medicine in the Research and Educational Hospitals..... 85 700

Remodeling on the Third Floor West of the Research and Educational Hospitals to upgrade hospital facilities..... 70 000

Remodeling for obstetrical facilities on the Second Floor South and West of the Research and Educational Hospitals..... 71 000

Planning funds for expansion of the Department of Orthopedic Surgery Brace Shop facilities in the Research and Educational Hospitals 23 000

Planning funds for remodeling the Orthopedic Clinic in the Research and Educational Hospitals..... 21 700

Planning funds for remodeling outpatient facilities of the Hospital Clinics in the Research and Educational Hospitals..... 70 000

Planning funds for expansion of the Hospital Laboratories on the Second Floor of the Research and Educational Hospitals..... 41 000

*Total, Medical Center General Reserve..... \$732 794*

The Executive Vice President and Provost and the Vice President and Comptroller concur.

I recommend approval.



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

#### **AUTHORIZATION FOR EXECUTIVE COMMITTEE TO ACT ON REAL ESTATE AND CONSTRUCTION MATTERS**

(24) The University is now negotiating for the acquisition of various parcels of real estate needed for the University's educational purposes. The necessity for action on such acquisitions may become urgent, and, hence, it may not be possible to postpone action to the next regular meeting of the Board of Trustees (presently set for September 17, 1969).

In addition, the Illinois Building Authority may ask the University to make specific requests for award of contracts on bids to be received by the Authority on University projects. The Authority may also require the University to adopt specific resolutions transferring jurisdiction of land to and leasing facilities from the Illinois Building Authority, prior to the Authority entering into construction contracts.

Accordingly, the President of the University, with the concurrence of appropriate administrative officers, recommends that, pursuant to Article IV, Section 3, of the By-Laws, the Board of Trustees authorize the Executive Committee of the Board to take action at any time prior to the next regular meeting of the Board on transfers of jurisdiction to and leases from the Illinois Building Authority and any other matter relating to the lease, sale, purchase, or other acquisition, by or for the University, of real estate, including authority to exercise the right of eminent domain and to institute condemnation proceedings.

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

#### **CONTRACTS FOR CONSTRUCTION OF PARKING STRUCTURE, URBANA**

(25) The University received bids for the construction of a parking structure at the Urbana campus on July 1, 1969. The bids covered three divisions of work: Division I, General Work; Division II, Electrical Work; and Division III, Plumbing Work.

Bidding on this project was advertised in accordance with the requirements of the Illinois Purchasing Act. The plans and specifications comply with the requirements of the Facilities for the Handicapped Act.

The low bidders for each division of the work are as follows:

Division I, General Work — Kuhne-Simmons Co., Inc., Champaign....	\$1 797 000
Division II, Electrical Work — Brunkow Electric Co., Champaign.....	54 480
Division III, Plumbing Work — Bellis & Miller, Inc., Champaign.....	66 860

The bid documents also required the bidders on the general work to indicate a fee for the assignment of the contracts for the electrical work and plumbing work to the contractor for the general work. Kuhne-Simmons Co., Inc., requested a fee of 3½ per cent of the contract amount of the work under Divisions II and III.

The project cost of \$2,215,000 is to be financed by the University of Illinois Foundation, with \$500,000 to be provided from current balances in the Faculty-Staff Parking Account and a bank loan of \$1,715,000 to be amortized over a ten-year period.

Accordingly, the President of the University, with the concurrence of appropriate administrative officers, recommends that the Vice President and Comptroller and the Secretary of the Board of Trustees be authorized to execute on behalf of the University an agreement with the University of Illinois Foundation for the construction and financing of this project, together with such leases or other legal documents as may be necessary to implement the plan, on the following basis:

1. The Foundation will lease the sites for these structures from the University,

build and finance the facilities, and sublease them to the University at the rental rate described in paragraph 4 below.

2. The University will assign the above-described bid for each division of the work to the Foundation.
3. The University will pay to the Foundation the total sum of \$500,000 to assist in the construction and financing of this project.
4. The University will lease the sites for these structures to the Foundation for a thirty-year period or until the Foundation's loan for the financing of this project is repaid, whichever shall first occur, and agree to sublease these facilities from the Foundation upon completion of construction at a rental rate sufficient to amortize the loan of \$1,715,000 at 5 per cent annual interest over a period of ten years.

Submitted herewith is a report from the Office of Physical Plant Planning and Construction, including a schedule of the bids received, a copy of which is being filed with the Secretary of the Board for record. Funds to meet the University's commitment under the agreement with the Foundation are available in the Faculty-Staff Parking Account.

On motion of Mr. Swain, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hughes, Mr. Jones, Mr. Pogue, Mr. Swain; no, none; not voting, Mr. Hahn; absent, Governor Ogilvie, Mr. Page, Mr. Steger.

**REQUEST TO ILLINOIS BUILDING AUTHORITY TO CONTRACT  
FOR LANDSCAPE CONSTRUCTION TO CIVIL ENGINEERING  
BUILDING, PHASE IIA, URBANA**

(26) The President of the University, with the concurrence of appropriate administrative officers, recommends that the Board of Trustees request the Illinois Building Authority to award a contract for landscape construction for the Civil Engineering Building, Phase IIA, Urbana, in the amount of \$12,181.65 to Twin City Landscape Service, Inc., Urbana, as the low base bidder for this project.

Funds are available in the project budget for this work.

Submitted herewith is a report from the office of Physical Plant Planning and Construction, 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. Hahn, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Pogue, Mr. Swain; no, none; absent, Governor Ogilvie, Mr. Page, Mr. Steger.

**REQUEST TO ILLINOIS BUILDING AUTHORITY TO CHANGE  
CONTRACT AND CHANGE IN FINANCING CONSTRUCTION  
OF MEDICAL RESEARCH LABORATORY ADDITION,  
MEDICAL CENTER**

(27) On September 18, 1968, the Board of Trustees requested the Illinois Building Authority to contract for construction of the Medical Research Laboratory Addition at the Medical Center campus. During the course of construction, soil conditions were encountered that required extending the caissons from the anticipated bearing on hard pan clay down to bedrock. The cost estimate formulated at that time indicated that additional costs resulting from the necessary changes would be approximately \$260,000, although the cost estimates could not be accurately estimated at that stage of construction. In order to finance the work under the terms of the contract, the Board of Trustees on March 19, 1969, requested the Illinois Building Authority to assign certain work to the University and that the general contractor reduce his contract for certain fixed equipment to finance these costs.

During the actual construction on the last caisson, additional foundation problems were encountered which could not have been anticipated. It was necessary to remove unacceptable rock with clay seams until solid bedrock was encountered, which was found to be forty feet below that of the expected depth. This has

resulted in additional work by the general contractor, Erik A. Borg Company, Chicago, for construction and for additional testing in the total amount of \$96,084.67.

The general contractor has also claimed other costs totaling \$56,470, which may require additional funds, but to date, time has not permitted the necessary discussions with the contractor to resolve the responsibility of the owner for said claims. In addition, architectural and engineering fees which have resulted from this increased work are estimated to be \$22,000. At a later date a recommendation will be submitted to the Board of Trustees on the resolution of these matters.

In order to finance the \$96,084.67 for the construction that has been undertaken, the general contractor, Erik A. Borg Company, has agreed to reduce its contract by \$60,000 for deletion of seamless resilient flooring, although it is hoped that this can be reinstated at a later date during the construction period. The balance of funds (\$36,084.67) are available in the project budget.

Accordingly, the President of the University, with the concurrence of appropriate administrative officers, recommends that the Illinois Building Authority be requested to reduce the contract with the general contractor by approximately \$60,000 for the omission of seamless resilient flooring and that the change in construction be financed as outlined above.

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

#### **CONTRACTS FOR CONTRACTORS' FEES FOR MINOR REMODELING AND NEW CONSTRUCTION, 1969-70, AT CHICAGO CAMPUSES**

(28) The President of the University, with the concurrence of appropriate administrative officers, recommends the award of cost-plus contracts for minor building alterations, repairs, and construction work for the period July 23, 1969, through June 30, 1970, at the Chicago Circle and Medical Center campuses, to the following low bidders for five divisions of work.

	<i>Per Cent for Material</i>	<i>Per Cent for Labor</i>	<i>Per Cent for Sub- contracts</i>
General—Simpson Construction Co., Chicago.....	6	36	8
Electrical—Fries Walters Co., Chicago.....	10	36	5
Plumbing—G. F. Connelly Co., Inc., Chicago.....	14.5	14.5	9.5
Heating, Piping, Refrigeration and Automatic Temperature Control Systems—The Nu-Way Contracting Corp., Chicago.....	10	36	5
Ventilating and Distribution Systems and Conditioned Air—Jamar-Olmen Company, Elk Grove Village..	10	32	2

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

The work will be done as ordered by the Physical Plant Department and will be paid for on the basis of the actual cost of each job plus contractors' fees. A report of the office of Physical Plant Planning and Construction, including a schedule of bids received, is submitted herewith, and a copy is being filed with the Secretary of the Board for record as the basis for the contract awards recommended. No assignment of funds is requested and each job will be covered by a contract change order charged against funds allocated for the project.

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

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

**REVOCATION OF ASSIGNMENT OF CONTRACT AND THE AWARD OF  
A CONTRACT FOR VENTILATION WORK IN CONNECTION WITH  
REMODELING IN COLLEGE OF PHARMACY BUILDING,  
MEDICAL CENTER**

(29) On March 19, 1969, the Board of Trustees awarded a contract for ventilation work in connection with selected remodeling for the College of Pharmacy (East Dentistry-Medicine-Pharmacy Building) at the Medical Center campus to H. S. Kaiser Company, Elk Grove, in the amount of \$11,500, and authorized the transfer of this contract to the general contractor, Mutual Contracting Company, Chicago. H. S. Kaiser Company failed to supply a performance bond, ceased operations, and made an assignment for the benefit of creditors before commencing the ventilating work and before transfer of the contract to the general contractor.

The Board of Trustees on May 21, 1969, consented to the assignment of the original H. S. Kaiser Company ventilating contract to the E. B. Rovin Co., Chicago, as requested by the assignee for the benefit of creditors. Subsequently, the E. B. Rovin Co. also failed to furnish the required performance bond.

The ventilation portion of this project was then rebid on June 24, 1969, with the following bids received:

A. C. Company, Chicago.....	\$12 260
Jamar-Olmen Company, Elk Grove.....	12 910
Narowetz Heating and Ventilating Company, Chicago.....	13 773
Admiral Heating and Ventilating, Inc., Hillside.....	13 991

Accordingly, the President of the University, with the concurrence of appropriate administrative officers, recommends award of a contract for ventilation work in connection with remodeling in the College of Pharmacy Building to the new low bidder, A. C. Company, in the amount of \$12,260. It is further recommended that this contract be assigned to the general contractor, Mutual Contracting Company, whose price includes the supervision of the contract for ventilation work. Since the current low bid of \$12,260 is \$760 higher than the original H. S. Kaiser Company contract in the amount of \$11,500, it is also recommended that the H. S. Kaiser Company bid deposit check for \$350 be retained as liquidated damages.

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

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

**CONTRACTS FOR REMODELING IN GENERAL HOSPITAL  
BUILDING, MEDICAL CENTER**

(30) The President of the University, with the concurrence of appropriate administrative officers, recommends the award of the following contracts for remodeling the Newborn Nursery, South Wing, General Hospital Building at the Medical Center campus, the award in each case being to the low bidder:

General—Simpson Construction Co., Chicago.....	\$43 890
Plumbing—Peter H. Smith Company, Chicago.....	6 398
Heating, Process Piping and Temperature Control—F. E. Moran, Inc., Chicago.....	6 970
Ventilation—Narowetz Heating and Ventilating Company, Melrose Park.....	7 970
Electrical—Hyre Electric Company, Chicago.....	13 300
Laboratory Equipment—NII Laboratory Furniture, Inc., Hicksville, New York.....	7 513
<i>Total</i> .....	<u>\$86 041</u>

It is further recommended that all contracts other than the contract for the general work be assigned to the contractor for the general work, making the total of his contract \$86,041, and that an agreement be entered into with the Simpson Construction Co. for assignment of the other contracts. The amount bid by Simpson Construction Co. for the supervision of the other contracts assigned to the general contractor is included in the base bid for general work.

Funds for this work are available from hospital income.

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

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

**CONTRACT WITH AMERICAN MEDICAL COMPUTER CENTERS, INC.  
FOR DATA PROCESSING FOR RESEARCH AND EDUCATIONAL  
HOSPITALS**

(31) The Medical Director of the Research and Educational Hospitals and the Chancellor at the Medical Center recommend the execution of an agreement with American Medical Computer Centers, Inc. to handle the data processing of patient billing and accounts receivable for the hospital at a cost of thirty-one cents per patient day and thirty-nine cents per active patient account receivable each month, as well as equipment rental charges of \$1,000 per month for on-line data processing.

The hospital needs to have data immediately, which the AMCC, Inc. can provide, in order to produce the detail to substantiate costs for Medicare and other insurance companies. The hospital plans to implement internal studies to transfer this program within the next two years to equipment in the Office of Administrative Data Processing.

It is estimated that this program will increase hospital costs by \$71,930 per year after an implementation cost of \$20,000 and that this cost will be more than offset by increased income.

The Vice President and Comptroller recommends approval.

I concur.

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

**REJECTION OF BIDS FOR REMODELING IN FIRST UNIT  
DENTISTRY-MEDICINE-PHARMACY BUILDING,  
MEDICAL CENTER**

(32) The President of the University, with the concurrence of appropriate administrative officers, and pursuant to the provisions of Section 15 (e) (2) of the *General Rules Concerning University Organization and Procedure* reports the rejection of bids for remodeling Room 120 of the First Unit Dentistry-Medicine-Pharmacy Building at the Medical Center campus.

This room was to be remodeled at the expense of Alpha Omega Alpha Medical Honor Society for use in displaying historical papers of the Society. After receipt of bids, the Board of Directors of the Society voted not to undertake a project of this scope and requested that the bids be rejected and that the University prepare a remodeling program of lesser magnitude for financing by the Society.

On motion of Mr. Clement, this report was received.

**EASEMENT TO CITY OF CHAMPAIGN FOR STADIUM DRIVE  
STORM SEWER**

(33) The President of the University, with the concurrence of appropriate administrative officers, recommends granting of a permanent twenty-foot wide storm sewer easement, to the city of Champaign on Stadium Drive from First Street west a distance of approximately 771 feet for the construction of a storm sewer at the Urbana-Champaign campus and that the following resolution be adopted. It is also recommended that a temporary construction easement over adjacent property be granted to the city of Champaign for the construction of this sewer.

**Resolution Authorizing Stadium Drive Storm Sewer Easement to  
City of Champaign on Property Adjacent to Stadium Drive  
and First Street, Champaign, Illinois**

*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 Comptroller and the Secretary of this public Corporation be, and they hereby are, authorized to execute, acknowledge, and deliver in the name and on behalf of this Corporation such instruments of conveyance, contract, or other document or documents as to them may seem necessary or desirable in order to grant to the City of Champaign, a municipal Corporation, hereinafter referred to as "Grantee," its successors and assigns, the right and easement to construct, reconstruct, operate, repair, and maintain its storm sewer and appurtenances under certain lands hereinafter described and the right of ingress to and egress therefrom; the rights and easement granted to be limited to the extent that this public Corporation has the present right and capacity to grant the same. Grantee shall have the right to clear and remove any obstacles or obstructions on the easement tract as may be required to provide necessary clearance. Grantee shall agree to repair any damage caused to property of this Corporation or pay any damages which may be caused to property of this Corporation in the process of construction, reconstruction, or maintenance of said storm sewer, and to indemnify this Corporation and its representatives from liability in connection with Grantee's activities. The storm sewer easement shall remain in full force and effect from the date granted and for so long thereafter as said storm sewer is continued in service and has not been abandoned and discontinued. Upon termination of the easement Grantee shall peaceably surrender possession of said premises to this Corporation and full and complete title then shall remain in this Corporation free and clear of said easement and without necessity of re-entry or demand. The storm sewer easement shall be over the following-described property:

Situated in the State of Illinois, the County of Champaign, the City of Champaign, in the southeast quarter of Section 13, Township 19 North, Range 8 East of the Third Principal Meridian and being more fully bounded and described as follows:

A strip of land 20.0 feet in width, the centerline of which is described as follows. Beginning at a point on the west right-of-way line of First Street, said point being 20.0 feet south of the south right-of-way of Stadium Drive; thence westerly parallel to the centerline of Stadium Drive a distance of 771.4 feet; said parcel containing 0.3542 acres, more or less.

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

#### **EASEMENT TO ILLINOIS POWER COMPANY FOR SOUTH CAMPUS SUBSTATION, URBANA**

(34) The President of the University, with the concurrence of appropriate administrative officers, recommends granting an easement to the Illinois Power Company, on a plot of ground approximately 160 feet by 220 feet on Goodwin Avenue extended, for the construction of the South Campus Electric Substation at the Urbana-Champaign campus and that the following resolution be adopted.

#### **Resolution Authorizing South Campus Electric Substation Easement to Illinois Power Company on Property Adjacent to Goodwin Avenue Extended, Urbana, Illinois**

*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 Comptroller and the Secretary of this public Corporation be, and they hereby are, authorized to execute, acknowledge, and deliver in the name and on behalf of this Corporation such instruments of conveyance, contract, or other document or documents as to them may seem necessary or desirable in order to grant to Illinois Power Company, an Illinois Corporation, hereinafter referred to as "Grantee", its successors and assigns, the right and easement to install, construct, reconstruct, operate, maintain, renew and remove an electric substation consisting of transformers, breakers, switches, regulators, capacitor banks, and other equipment appurtenant thereto, supported by footings and attached to steel structures and to enclose said facilities with a protective fence on certain lands hereinafter described and the right of

ingress to and egress therefrom; the rights and easement granted to be limited to the extent that this public Corporation has the present right and capacity to grant the same. Grantee shall have the right to clear and remove any obstacles or obstructions on the easement tract as may be required to provide necessary clearance. Grantee shall agree to repair any damage caused to property of this Corporation or pay any damages which may be caused to property of this Corporation in the process of installation, construction, reconstruction, maintenance, renewal or removal of said substation, and to indemnify this Corporation and its representatives from liability in connection with Grantee's activities. The substation easement shall remain in full force and effect from the date granted and for so long thereafter as said substation is continued in service and has not been abandoned and discontinued. Upon termination of the easement Grantee shall peaceably surrender possession of said premises to this Corporation and full and complete title then shall remain in this Corporation free and clear of said easement and without necessity of re-entry or demand. The right-of-way easement shall be over the following described property:

Situated in the State of Illinois, the County of Champaign and being more fully bounded and described as follows:

Beginning at a point which is 60 feet North and 50 feet West of the Southeast corner of the Southwest Quarter of the Southeast Quarter of Section 19, Township 19 North, Range 9 East of the Third Principal Meridian; proceed West, parallel with the South line of said Section 19, a distance of 220 feet; thence North, perpendicular to said Section line, 160 feet; thence East, parallel with said Section line, 220 feet; thence South, perpendicular to said Section line, 160 feet to the point of beginning, containing 0.808 acres, more or less, situated in Champaign County, Illinois.

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

#### **EMPLOYMENT OF ARCHITECTS—ILLIAC IV BUILDING, URBANA**

(35) The President of the University, with the concurrence of appropriate administrative officers, recommends the employment of Clark, Altay and Associates, Urbana, for architectural services for the construction of a building at the Urbana-Champaign campus to house ILLIAC IV at a fee of 6½ per cent of the actual cost of construction, including supervision. Funds are available in the state capital appropriation for FY 1970 subject to release by the Governor and in non-state reserves from research contracts.

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

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

#### **EMPLOYMENT OF INTERIOR DESIGNER FOR PROFESSIONAL DESIGN SERVICES, FOREIGN LANGUAGES BUILDING, URBANA**

(36) The President of the University, with the concurrence of appropriate administrative officers, recommends employment of Holabird & Root, Chicago, for design services in connection with the interior furnishing and equipping of the Foreign Languages Building at the Urbana-Champaign campus, which is now under construction. The estimated fee of \$12,900, plus reimbursable expenses as authorized by the University, is based upon 6 per cent of the established budget for furniture, furnishings, and movable equipment.

Funds are available in the current operating budget of the College of Liberal Arts and Sciences.

On motion of Mr. Hahn, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr.

Hughes, Mr. Jones, Mr. Pogue, Mr. Swain; no, none; absent, Governor Ogilvie, Mr. Page, Mr. Steger.

#### RENEWAL OF LEASES, URBANA

(37) The President of the University, with the concurrence of appropriate administrative officers, recommends that the University of Illinois Foundation be requested to lease the following properties at the Urbana-Champaign campus and to sublease them to the University on an annual basis at the indicated rentals:

<i>Address</i>	<i>Lessor Provides</i>	<i>Term of Lease</i>	<i>Annual Rental</i>
26 East Springfield Avenue, Champaign	Heat, water, a certain amount of unreserved parking. Space is air conditioned.	5 years	\$8 100
608½ East Green Street, Champaign	Heat and water	2 years 4 single-year options to renew	2 400 2 400 plus proportionate share of real estate tax increase
1102-1102a West Main Street, Urbana	Approximately six reserved parking spaces. Space is air conditioned.	5 years First 2 years Last 3 years	5 400 5 700
627½ South Wright Street, Champaign	Heat and water	5 years	5 474 <sup>1</sup>
807 South Lincoln Avenue, Urbana	Heat	5 years	9 918

Funds for rental and operation until June 30, 1970, are available in the current operating budget of the Department of Plant and Services. Funds required after that date will be requested in the budget of the Department of Plant and Services on an annual basis.

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

#### RENEWAL OF LEASE OF 707-709 SOUTH WRIGHT STREET, CHAMPAIGN

(38) The President of the University, with the concurrence of appropriate administrative officers, recommends that the lease of a portion of the second floor of 707-709 South Wright Street, Champaign, be extended for a term of one year at a rental rate of \$3,000 per year.

Funds are available in the current operating budget of the Department of Plant and Services.

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

#### CONTRACT FOR PUBLICATION OF SPECIAL EXAMINATION MATERIALS, MEDICAL CENTER

(39) The Dean of the College of Medicine and the Chancellor at the Medical Center campus recommend authorization of a contract between The Board of Trustees of the University of Illinois and New Century, Educational Division, Meredith Corporation for publication of special examination materials prepared as a contribution of the Interdepartmental Appraisal Committee of the College of

<sup>1</sup> It is also recommended that the existing lease of four rooms at 627½ South Wright Street, Champaign, which expires on June 30, 1971, be cancelled. The rental of this space for the new term is set forth above.



Medicine, with technical assistance by the staff of the Office of Research in Medical Education.

Under the proposed contract, the copyright will be held by the publisher and royalties will be paid to the University on the basis of a sliding scale ranging from 5 per cent to 12 per cent, depending upon the number of copies sold.

The royalty arrangements are similar to those previously authorized on other medical education materials.

This arrangement has been approved by the Executive Vice President and Provost, the Vice President and Comptroller, and the University Council.

I concur.

On motion of Mr. Swain, authorization was given as recommended.

#### ROYALTY AGREEMENT WITH CYBERN EDUCATION, INC., MEDICAL CENTER

(40) The Dean of the College of Dentistry and the Chancellor at the Medical Center campus recommend authorization of a contract between The Board of Trustees of the University of Illinois and Cybern Education, Inc. granting an exclusive license to Cybern Education, Inc. to reproduce, publish, sell, market, and distribute programmed instruction materials including visual and audio training aids developed by the College of Dentistry under a contract with Cybern Education, Inc., as follows:

- Lesson System 1 — Gold Casting
- Lesson System 2 — Investment Techniques
- Lesson System 3 — Air Turbine Handpieces
- Lesson System 4 — Oral Lesions - I

In addition to royalties of 5 per cent on domestic sales and 2½ per cent on foreign sales, the materials will be supplied to the University at reduced prices.

This arrangement has been approved by the Executive Vice President and Provost, the Vice President and Comptroller, and the University Council.

I concur.

On motion of Mr. Clement, authorization was given as recommended.

#### ALBERT N. MERRITT FOUNDATION

(41) The principal activity of the above foundation, organized under the laws of the state of Illinois, is to make loans to students attending midwestern institutions of higher education. Its charter provides that, in the event of dissolution, all assets of the corporation shall be transferred to the University of Illinois' student loan funds. Joseph M. Blattner, the president and treasurer of the Foundation, has advised the University that the Board of Directors of the Foundation will probably vote, within the next few months, to dissolve the corporation and transfer the assets to the University. The assets of the corporation, as presented by Mr. Blattner on June 14, 1969, consisted of the following:

Common stocks, listed on New York Stock Exchange (market value — May 31, 1969).....	\$157 025 00
Mid City National Bank 5 per cent Certificate of Deposit due August 15, 1969, automatically renewable.....	20 000 00
Mid City National Bank Savings Account.....	18 000 00
Bonds (market value):	
General Motors Acceptance Corporation \$10 000—	
1982 — 4½ per cent.....	\$ 7 300 00
U.S. \$15 000 — 8/15/72.....	13 890 00
U.S. \$10 000 — 11/15/73.....	9 084 00
<i>Total Bonds (market value).....</i>	<i>30 274 00</i>
Cash on hand, Mid City National Bank and Northern Trust Bank...	48 758 69
Accounts Receivable (student loans).....	272 656 61
Furniture and Fixtures (depreciated value).....	215 90
<i>Total Assets (6/14/69 per Foundation).....</i>	<i>\$546 930 00</i>

The only apparent liabilities are a lease for office space at 549 West Washington Boulevard, Chicago, and certain commitments for students loans for the 1969-70 school year. The lease, which will terminate April 30, 1971, requires a payment of \$80 per month; this may have to be assumed by the University until that date.

Arrangements are being made by the Office of Business Affairs for the transfer of the assets upon dissolution of the Foundation, probably about January, 1970. The Vice President and Comptroller recommends that authorization be granted for the acceptance of these funds for student loan purposes to be administered in accordance with procedures and policies of the University.

I concur.

On motion of Mr. Jones, authorization was granted as recommended.

#### **REPORT OF GIFT FROM JOHN WOODWORTH LESLIE AND RECOMMEDATION TO RENAME PEACOCK PRAIRIE**

(42) Mr. John Woodworth Leslie, honorary chairman of the board of Signode Corporation, has offered a gift of \$75,000 to the University of Illinois for the construction of an interpretation center and for other improvements on the property in Cook County acquired by the University in 1968 and now known as "Peacock Prairie."

Construction of this facility will protect the prairie and make it available for scientific, educational, and limited public visitation uses—and it will make earlier gifts to acquire the prairie meaningful. Funds for the land were provided by a grant from the Bureau of Outdoor Recreation of the Department of Interior, a gift from the Chicago Community Trust, and an assignment from the Chicago Circle Contract Research Reserve.

The Chancellor at Chicago Circle recommends that the prairie be renamed James Woodworth Prairie Preserve for Mr. Leslie's grandfather who was an early Chicago conservationist, and Mayor of Chicago from 1848 to 1850.

I concur.

On motion of Mr. Swain, the recommendation to rename this site was approved.

#### **ESTATE OF LENA LOUISE SACHS**

(43) The Chancellor at the Medical Center campus and the Vice President and Comptroller recommend that the bequest of \$79,357.61 from the Estate of Lena Louise Sachs be applied in the following manner, as contemplated by the will: The full amount to be established as an endowment, the income to be used to provide scholarships known as the "Theodore B. Sachs Scholarships" for deserving and needy students of promise in the College of Medicine upon the recommendation of the Dean and the appropriate faculty committee in the College of Medicine.

Mrs. Sachs' husband, Theodore B. Sachs, was graduated from the College of Medicine of the University of Illinois in 1895. From 1901 to 1903 Dr. Sachs served as an instructor in internal medicine at the University of Illinois.

I concur.

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

#### **PURCHASES**

(44) The President submitted, with his concurrence, a list of purchases recommended by the Directors of Purchases and the Vice President and Comptroller; also two purchases authorized by the President.

The list of purchases was presented in two categories: purchases from appropriated funds (i.e., from state appropriations to the University) and purchases from institutional funds. The latter term designates funds received by the University under contracts with the United States government, contracts with private corporations and other organizations, funds from foundation grants, and grants from corporations and other donors, and University revolving funds authorized by law.

The total amounts of these purchases were:

*From Appropriated Funds*

Recommended..... \$ 431 560 05

*From Institutional Funds*

Authorized..... \$ 168 268 50

Recommended..... 1 063 865 62

*Total*..... \$1 232 134 12

*Grand Total*..... \$1 663 694 17

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

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

**COMPTROLLER'S REPORT OF PURCHASES APPROVED**

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

This report was received for record.

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

(46) This report was received for record.

**Chicago Circle**

*Change Orders*

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>
Simpson Construction Company	General work—Plant Research Laboratories	\$ 5 400
<i>Total Chicago Circle</i>		\$ 5 400

**Urbana-Champaign**

*New Contracts*

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
American Petroleum Institute	Effects of hydrogen at high temperatures on low-alloy steel	\$ 15 860
State of Florida, Department of Education	Needs and costs of programs for pre-first grade education	82 549
United States Army: DAAG-11-69-C-0748	Parameters of natural rainfall as related to artillery fuze detonation	23 768
DA-ARO-D-31-124-G-1149	Phase instability during low-cycle fatigue of steel	35 130
United States Office of Health, Education, and Welfare: CPF-69-24	Public health hazard due to transferable drug resistance of enterobacteriaceae	47 600
OEG-0-9-230874-3718(010)	Influence of cognitive and affective factors on adult learning	71 969
OEG-5-9-230306-0055	Critique of research studies in music education	7 950
<i>Total</i>		284 826

*Change Orders*

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
California Institute of Technology	Research of radiant heat exchange in a space environment	\$ 20 000
United States Air Force: AF 30(602)4144	Experimentation in parallel computation	900 000
AF-AFOSR-1161-67	Social and psychological aspects of stress	65 994

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
United States Office of Health, Education, and Welfare:		
OEC-3-6-051182-1634	Two-year program of string instruction	19 506
OEG-0-9-231505-2006-725	Illinois resident clinical fellowship program	39 984
United States Navy Nonr-3985(09)	Engineering properties of deep sea sediments	13 000
<i>Total</i>		<u>\$1 058 484</u>

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>
Aldridge Electric Company	Electrical installation work—Utilities Distribution System	\$ 5 624
<i>Total</i>		<u>\$ 5 624</u>

### Summary

Amount to be paid to the University:	
Urbana-Champaign.....	\$1 343 310
Amount to be paid by the University:	
Chicago Circle.....	\$ 5 400
Urbana-Champaign.....	5 624
<i>Total</i>	<u>\$ 11 024</u>

This report was received for record.

## INVESTMENT REPORT For the Month of May, 1969

### Report of the Finance Committee

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

#### Pool

Purchase:

\$79 000 CIT Financial Corporation demand notes..... \$ 79 000 00

### Report of the Comptroller

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

#### Current Funds

##### Cleft Palate Gift Fund (Medical Center)

Sale:

16 shares SMD Industries..... \$ 171 39

##### Restricted Group

Sale:

\$1 000 000 Beneficial Finance notes due 5/23/69..... 996 576 39

Purchases:

\$1 000 000 Household Finance notes due 5/21/69..... 997 427 08

1 000 000 Beneficial Finance notes due 5/23/69..... 996 375 00

500 000 Cargill notes due 5/27/69..... 498 086 81

1 000 000 Commercial Credit 7½ per cent notes due 6/4/69..... 1 000 000 00

872 000 International Harvester Credit 7.15 per cent notes due

6/4/69..... 872 000 00

1 000 000 American Tobacco notes due 6/27/69..... 993 750 00

1 000 000 Beneficial Finance notes due 10/3/69..... 969 791 67

500 000 Borg Warner notes due 10/3/69..... 486 406 25

500 000 John Deere credit notes due 10/3/69..... 486 406 25

##### Florida Avenue Residence Halls *Plant Funds*

Purchase:

\$290 000 U.S. Treasury bills due 8/14/69..... 285 929 47

*Krannert Contributions*

## Purchases:

\$46 000 U.S. Treasury bills due 6/12/69.....	45 721 09
20 000 U.S. Treasury bills due 9/11/69.....	19 573 59

*Housing Revenue Bonds**Sinking Funds*

## Purchase:

\$76 000 U.S. Treasury bills due 2/28/70.....	72 178 81
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*Revenue Bonds of 1956*

## Purchases:

\$1 000 U.S. Treasury bills due 8/31/69.....	993 00
4 000 U.S. Treasury 6½ per cent notes due 8/15/70.....	3 998 00

*Women's Residence Halls*

## Purchases:

\$ 2 000 U.S. Treasury bills due 2/28/70.....	1 915 67
35 000 U.S. Treasury 6½ per cent notes due 8/15/70.....	34 982 50

This report was received for record.

**EMPLOYMENT OF ARCHITECTS FOR ADDITION TO  
BURRILL HALL, URBANA**

(48) The President of the University, with the concurrence of appropriate administrative officers, recommends the employment of Fugard, Orth & Associates, Inc., Chicago, Illinois, for architectural services for the construction of an Addition to Burrill Hall at the Urbana-Champaign campus at a fee of 7 per cent of the actual cost of construction, including supervision.

Funds are available in the state capital appropriation for FY 1970, subject to release by the Governor, and from General Reserves.

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. Hughes, Mr. Jones, Mr. Pogue, Mr. Swain; no, none; not voting, Mr. Hahn; absent, Governor Ogilvie, Mr. Page, Mr. Steger.

**PATENT PROVISIONS IN PROPOSED CONTRACT WITH  
INTERNATIONAL BUSINESS MACHINES CORPORATION,  
URBANA**

(49) The Coordinated Science Laboratory at the Urbana-Champaign campus has been negotiating a contract with the International Business Machines Corporation covering research on reliability, availability, and serviceability of Large Scale Integrated computer systems (LSI systems). IBM is unwilling to accept the University policy relative to patents expressed in Section 14(b) of the *General Rules*, whereby the University retains ownership of patent rights developed through research, but may give the sponsor preferential treatment in the administration of the patent. IBM has requested the University to define "preferential treatment" in advance by granting the corporation a royalty-free nonexclusive license to any patents that may result, and by allowing IBM to apply for patents in those countries where the University does not elect to do so.

The Director of the Coordinated Science Laboratory has indicated that this contract, although providing only \$10,000 at this time, may lead to larger contracts and a relationship with IBM that may prove to be important. He further states that the current work to be done will probably not result in patentable inventions. The Committee established by Section 14(f) of the *General Rules* has examined the proposed arrangement and is of the opinion that it is in the interest of the University to grant IBM the terms as described above. The Vice President and Comptroller concurs.

Accordingly, it is recommended that IBM's request for definition of "preferential treatment" be approved as stated for the purposes of this contract.

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

**ARTHUR YOUNG DISTINGUISHED PROFESSORSHIP IN  
ACCOUNTANCY, URBANA**

(50) A group of partners in the firm of Arthur Young & Company<sup>1</sup> who are alumni of the University of Illinois have offered to support the establishment of an Arthur Young Distinguished Professorship in Accountancy in the College of Commerce and Business Administration. The intent is to assist the University "in the education of men who have moved on to the highest levels of attainment in the profession of public accounting and in the training of outstanding teachers who are contributing to accounting education across the country."

The donors will provide \$130,000 over a period of four years as an endowment. Income from the endowment would be used to benefit education or research in accountancy at the University. As a means of accomplishing this purpose, the donors propose that the Arthur Young Distinguished Professorship in Accountancy be established and that an outstanding educator, nationally recognized in the accounting profession and the academic world, be selected for the position. The endowment income would be used to support a portion of the salary.

Recommendation of a candidate to hold the professorship would be made by a committee composed of a partner of the Company, the Chancellor, the Dean of the College of Commerce and Business Administration, and the Head of the Department of Accountancy. The appointment would be for a period of three years, with provision for subsequent additional appointments, each for a three-year term.

The Chancellor at the Urbana-Champaign campus and the Executive Vice President and Provost recommend the establishment of the Arthur Young Distinguished Professorship in Accountancy.

I concur.

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

**RELOCATION OF AUDIO-VISUAL AIDS AND CONSTRUCTION OF  
PHASE II OF THE CENTRAL RECEIVING WAREHOUSE, URBANA**

(51) The Audio-Visual Aids operations are presently located in inadequate unexpandable facilities which limit its activities. Several alternate means for providing additional space have been studied, and the best solution would be to remodel the old Central Receiving Warehouse for Audio-Visual Aids and to construct Phase II of the new Central Receiving Warehouse in order to relocate its operations, now housed in the old Central Receiving Warehouse.

Phase II of the new Central Receiving Warehouse will be a two-story brick veneer steel frame office building with a total of 3,800 square feet at a total estimated cost of \$136,500. The remodeling of the old Central Receiving Warehouse for Audio-Visual Aids is estimated to cost \$93,500.

The President, with the concurrence of appropriate administrative officers, recommends the following:

1. That the State Board of Higher Education be requested to approve this project as a non-instructional facility.
2. That the University of Illinois Foundation be requested to borrow \$230,000, construct the project, and lease the properties to the University, with a rental sufficient to enable the Foundation to retire the indebtedness over a ten-year period. Funds for the rental payment will be available through the Audio-Visual Aids Revolving Account.

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

**MODIFICATION OF COMPREHENSIVE GENERAL AND AUTOMOBILE  
LIABILITY POLICY**

(52) On July 26, 1967, The Board of Trustees of the University of Illinois approved the purchase of a comprehensive general liability insurance policy from

<sup>1</sup> The group consists of: Harold H. Hensold, Jr. '43, George V. Carracio '38, H. W. Ehler '37, Donald E. Goss '53, C. Robert Miller '28.

the Hartford Insurance Group covering all University operations for the period from August 1, 1967, through July 31, 1970, with premiums payable annually on the anniversary date of the policy. This contract permitted cancellation by the company on sixty days notice and in light of recent experiences in the insurance industry with this coverage, it would be to the University's advantage to secure an amended cancellation endorsement to the above mentioned policy which would eliminate the right of the company to cancel the policy during the policy period. As consideration for this endorsement, the Hartford Insurance Group will require an additional premium of fifteen cents per student in addition to the eighty-four cents per student which the contract now requires. (The additional premium will be based on audit, but is estimated at \$11,400.00.)

The President of the University, with the concurrence of appropriate administrative officers, recommends that the Vice President and Comptroller be authorized to effect a change in this coverage as outlined above at the increase in premium noted.

Funds are available in the Workmen's Compensation account and in Contract Research Reserves.

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

#### RESOLUTION ON OAKLEY DAM

(53) Mr. Hahn was recognized to present a resolution with regard to the Oakley Dam Project. He moved the adoption of the following resolution.

July 23, 1969

On July 7, 1969, the University of Illinois Board of Trustees received the report, *The Waterways Alternative*, Suggested Development for Oakley Reservoir and Sangamon River, dated June 2, 1969.

A review of this report reveals some changes from the Waterways Alternative and Memorandum of Agreement dated May 29, 1969, which was signed by Board President Earl M. Hughes. This action was based upon a series of meetings with the University Administration, a representative of the Board of Trustees, Code Department Heads of the State of Illinois, the Division of Waterways, State of Illinois and the City of Decatur. Verbal agreement was reached by the above agencies on May 27, with the draft of the May 29 agreement mailed to each member of the Board of Trustees by cover letter dated May 27.

The University Administration will forward comments on the Waterways Alternative, dated June 2, to the State of Illinois Division of Waterways.

The function of the June 2 report is to demonstrate the workability of the Waterways Alternative. As more accurate survey data become available and after the review of this report by Federal Agencies, it is anticipated that the suggested plan will undergo substantial changes in final development by the Corps of Engineers.

Because the full impact of the changes in the June 2 report upon Allerton Park is not known as of this date and because further changes are anticipated, the Board of Trustees, University of Illinois, ratifies the action taken by the University Administration, and by President Hughes in the Memorandum of Agreement, based upon the Waterways Alternative, dated May 29, 1969.

The Board of Trustees will withhold approval of the June 2 report until such time as the magnitude of change from the May 29 agreement is known.

When the magnitude of change is known and once the project is finalized, it is suggested that all parties to the Memorandum of Agreement request that Congress, in its authorization to the Corps of Engineers, include the technical provisions of the Agreement that will carry the force of law and will minimize changes.

The resolution was unanimously approved.

#### REPORT OF THE MEETING OF THE COMMITTEE ON GENERAL POLICY

Mr. Clement reported on the July 22 meeting of the Committee when evaluations and recommendations concerning the visitation programs in living units at Urbana-

Champaign and the Medical Center were received and discussed. He indicated that the Committee did not have a recommendation for the Board at this time.

The Board of Trustees discussed the general subject of visitation, in the light of the evaluations and the consideration given the subject by the Committee. During the discussion, individual Trustees gave emphasis to various expressions of view, in support or in criticism of the program, for example: the need to justify specifically the inclusion of freshman students in the program as a matter of policy; the obligation to give attention to the minority of students who may not favor the program, to insure their privacy and time for study—perhaps by way of restricting the program in terms of hours or number of days; the desirability of the Trustees' supporting the program, inasmuch as the evaluation and administrative review were favorable to its continuance; the view that the evaluation report was not a conclusive demonstration of program success or general acceptability; and finally, the view that the program had merit as an experiment in student government and student responsibility.

In response to an inquiry as to the status of the program if no Board action were taken, President Henry stated, it would be his assumption that the program would continue unless the administration were directed by the Board to discontinue it.

The Board took no action.

#### SECRETARY'S REPORT

The Secretary presented for record appointments to the faculty made by the President; resignations; leaves of absence; and retirements. A copy of the report is filed with the Secretary.

#### ANNOUNCEMENTS FROM THE PRESIDENT OF THE BOARD

The President of the Board made the following announcement of future board meetings: Executive Committee meeting, August 20, 1969, Chicago; September 17, 1969, Allerton Park, Monticello; October 15, 1969, Dixon Springs, Simpson; November 13, 1969, Chicago Circle.

President Henry announced he was planning a President's Conference on September 15 and 16 at Allerton Park. He stated that he proposed to invite administrative officers, members of the faculty with *ex officio* responsibilities in planning, through their service on certain committees, as well as those trustees who are able to attend. The conference would be devoted to a preliminary view of the work of various committees concerning the role and program of the University during the next ten years.

#### RECESS

On motion of Mr. Grimes, the Board adjourned, to reconvene in Executive Session and Committees after lunch.

#### EXECUTIVE SESSION

When the Board reconvened, the same members of the Board (except Mr. Grimes), officers of the Board (except Mr. Farber and Mr. Porter) and officers of the University as recorded at the beginning of these minutes were present. Mr. Grimes joined the meeting later.

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

#### ACQUISITION OF PROPERTIES, URBANA

(54) The University of Illinois Foundation, at the request of the University, has acquired a number of properties which are required for University expansion at the Urbana-Champaign campus. The President of the University, with the concurrence of appropriate administrative officers, recommends the acquisition of title



to the following properties from the Foundation, subject to release of funds by the Governor, at the prices indicated, plus miscellaneous costs incurred in the acquisition of the properties:

<i>Property</i>	<i>Amount</i>
912 South Fifth Street, Champaign.....	\$ 28 500
905 West California Avenue, Urbana.....	75 000
1000-02 West California Avenue, Urbana.....	68 250
1001 West California Avenue, Urbana.....	50 000
1003 West California Avenue, Urbana.....	40 000
1004 West California Avenue, Urbana.....	40 000
1006-08 West California Avenue, Urbana.....	44 000
1208 West California Avenue, Urbana.....	100 000
506 South Gregory, Urbana.....	72 000
912 West Illinois Street and 911 West High Street, Urbana.....	120 000
1001 West Illinois Street, Urbana.....	53 500
1003 West Illinois Street, Urbana.....	40 000
1011 West Illinois Street, Urbana.....	41 350
1108 West Main Street, Urbana.....	25 750
1001 West Springfield Avenue, Urbana.....	28 500
1103 West Stoughton Street, Urbana.....	17 500
1112 West Springfield Avenue, Urbana.....	22 500
1111 West Stoughton Street, Urbana.....	19 500
<i>Total</i> .....	<u>\$886 350</u>

Funds are available in state capital appropriations to the University, subject to release by the Governor.

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

#### **PURCHASE OF 602 EAST JOHN STREET, CHAMPAIGN**

(55) The President of the University, with the concurrence of appropriate administrative officers, recommends that The Board of Trustees of the University of Illinois request the University of Illinois Foundation to finance the purchase of and to purchase the property at 602 East John Street, Champaign, for the sum of \$25,480 and to lease it to the University at a rental sufficient to enable the Foundation to pay the interest costs on a loan in the amount of the purchase price. The property is 54 feet by 24 feet (1,296 square feet).

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

#### **PENDING LITIGATION RELATING TO LOYALTY OATHS**

(56) In February of 1968, Suzanne McCormick Thalberg, a member of the faculty at Chicago Circle campus, filed suit against the University and certain of its administrative officers in the United States District Court for the Northern District of Illinois, Eastern Division (Civil Action No. 68 C 211), attacking the constitutionality of the Illinois statute requiring state employees paid from appropriated funds to execute and file a "loyalty oath." Concurrently, a kindergarten teacher in Jacksonville filed a similar suit against the Board of Education of the School District and others, including the Superintendent of Public Instruction and the Auditor of Public Accounts. The two suits involved common issues of law and were consolidated. The Attorney General of the State of Illinois represented the state officials who were defendants in the kindergarten teacher case.

On June 13, 1969, a three-judge United States District Court filed an opinion in the consolidated case which declared the Illinois "loyalty oath" statutes void, unconstitutional and of no effect, enjoined all defendants (including the University) "from enforcing said statutes and the loyalty oath required thereunder and deny-

ing compensation to these plaintiffs," and returned the consolidated cases to a single District Judge for the purpose of awarding the plaintiffs "such compensation, interest, damages, and costs as may be determined." Subsequently, on July 11, 1969, the Supreme Court of Illinois cited the three-judge United States District Court opinion in the consolidated case as authority for holding unconstitutional a requirement for a substantially similar oath from delegates to the forthcoming Constitutional Convention in Illinois. While the time for appeal from the United States District Court decision has not yet expired, the University Counsel is of the opinion there would be little expectation of success on appeal, particularly in the light of the Illinois Supreme Court's citation of the consolidated case opinion as authoritative, and recommends no appeal be taken. The Attorney General has informally indicated his concurrence in the University Counsel's conclusion.

Accordingly, it is recommended that no appeal be taken from the opinion of the three-judge United States District Court in the consolidated "loyalty oath" cases and that the University Counsel be authorized to arrange settlement of Mrs. Thalberg's claim under her employment contract for the amount due under its terms (\$1,000), plus interest and the usual court costs.

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

#### REQUEST TO APPEAR BEFORE THE BOARD

(57) In the Secretary's absence, the President presented a request from Mr. Stanley Balbach to appear before the board on behalf of the Cooperative Ministry of the United Church of Christ concerning the exchange of real estate owned by the Ministry for real estate owned by the University. Mr. Havens provided the trustees with background information on the subject. (Mr. Balbach had been advised that the property desired by the Ministry on Florida Avenue was not available for exchange, in the belief that it should be reserved for long-range University expansion. Documents related to this quotation are filed with the Secretary of the Board.)

On motion of Mr. Clement, the Board agreed to receive a presentation from Mr. Balbach in executive session at the September, 1969, meeting, and the Secretary was directed to so advise him.

On motion of Mr. Clement, the Board adjourned.

EARL W. PORTER  
*Secretary*

EARL M. HUGHES  
*President*

and

R. C. WICKLUND  
*Assistant Secretary*  
*(Clerk for Executive Session)*

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

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**September 17, 1969**



The September meeting of The Board of Trustees of the University of Illinois was held at Allerton House in Robert Allerton Park, five miles southwest of Monticello, Illinois, on Wednesday, September 17, 1969, beginning at 9:45 a.m.

President Earl M. Hughes called the meeting to order and asked the Secretary to call the roll. The following members of the Board were present: Mr. Howard W. Clement, Mr. Donald R. Grimes, Mr. Ralph C. Hahn, Mr. Earl M. Hughes, Mr. Theodore A. Jones, Mr. Russell W. Steger, Mr. Timothy W. Swain. Governor Richard B. Ogilvie, Mr. Ray Page, and Mr. Harold Pogue were absent.

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

**MEMORIAL TO DR. NORRIS L. BROOKENS**

Mr. Clement presented the following:

The Board of Trustees of the University of Illinois records with sorrow the death on July 28, 1969, of Dr. Norris L. Brookens.

At the time of his death Dr. Brookens was serving as chairman of the Illinois Board of Regents, with responsibilities for the governance of that system of institutions of higher learning in Illinois. He also served as a member of the Illinois Board of Higher Education and the Civil Service Merit Board and was associated on those Boards with representatives of The University of Illinois Board of Trustees.

However, Dr. Brookens' ties with the University of Illinois, especially at Urbana, cover a period of many years. In countless ways, as a member of the professional community in Urbana-Champaign and as a conscientious citizen, he followed the affairs of the University with close attention and support. His noteworthy service as a member of the Board of Education in Urbana was a contribution to the quality of education provided the children of the area, including the families of the University's faculty and staff.

Dr. Brookens, in his training and broad interest and in his personality, was an unusual combination of the professional man with direct experience in higher education; and the enlightened citizen, serving the lay stewardship of education in its broadest sense.

This memorial is presented for the public record as a tribute to a friend of the University and its staff and an associate of the Trustees, and as an expression of sympathy to Dr. Brookens' family.  
Urbana, Illinois, September 17, 1969

This memorial was adopted by a standing vote.

**REPORT OF THE EXECUTIVE COMMITTEE**

The Executive Committee submitted the following report and minutes of the meeting on August 20, 1969.

On call of the Chairman, the Executive Committee of The Board of Trustees of the University of Illinois met in the Illini Center on the twentieth floor of the LaSalle Hotel, Chicago, Illinois, on Wednesday, August 20, 1969, beginning at 11:00 a.m.

The meeting was called for consideration of reports and recommendations from the President of the University on matters of business requiring approval by the Board of Trustees on which action could not be deferred until the regular meeting of the Board in September. (At its meeting on July 23, 1969, the Board authorized the Executive Committee to take action at any time prior to the next regular meeting of the Board on transfers of jurisdiction to and leases from the Illinois Building Authority and any other matters relating to the lease, sale, purchase, or other acquisition, by or for the University, of real estate, including authority to exercise the right of eminent domain and to institute condemnation proceedings.)

The Chairman asked the Secretary to call the roll, and the following, constituting all members of the Committee, were present: Mr. Earl M. Hughes, Chairman, Mr. Howard W. Clement, Mr. Timothy W. Swain. Also present were: Mr. Ralph C. Hahn, a member of the Board of Trustees; President David D. Henry; Mr. H. O. Farber, Vice President and Comptroller of the University and Comptroller of the Board of Trustees; Dr. Earl W. Porter, Secretary of the University and of the Board of Trustees and Clerk of the Committee; Chancellor Joseph S. Begando (Medical Center); Vice Chancellors H. E. Carter (Urbana), Leonard Goodall (Chicago Circle), Donald J. Caseley (Medical Center); Mr. C. S. Havens, University Director of Phys-

ical Plant Planning and Construction; Mr. James J. Costello, University Counsel; Mr. C. E. Flynn, University Director of Public Information; Mr. George H. Bargh, Executive Assistant to the President; Mr. Harlan D. Bareither, Director of University Office of Space Programming.

The Committee considered the following reports and recommendations from the President of the University, and took the actions indicated.

**REVISION OF THE UNIVERSITY'S BUDGET REQUEST  
FOR CAPITAL FUNDS FOR FISCAL YEAR 1971**

(1) A copy of the University's *Budget Request for Capital Funds—Fiscal Year 1971* was sent to each Trustee in advance of the Executive Committee meeting. This document includes the projects approved by the Board on May 21, 1969, with the following additions:<sup>1</sup>

1. Burrill Hall Addition—Urbana-Champaign campus (approved by the Board at its meeting on July 23, 1969).
2. Medical Sciences Building—Urbana-Champaign campus (described in the item concerning Burrill Hall Addition, which was approved by the Board at its meeting on July 23, 1969).

This project had been included in the University's 1969-71 capital request, but was not approved by the Board of Higher Education and hence was omitted from the list of projects proposed by the Illinois Building Authority for Legislative approval for fiscal year 1970. It had been the University's original intention to limit its projects for both fiscal years of the biennium to the projects included in the IBA list.

As the time schedule for the total program of medical education involving the Medical Center and the Urbana-Champaign campuses became more fully developed, however, it was apparent that the planning on the Medical Sciences Building at Urbana-Champaign should begin in fiscal year 1971. This will allow the University to be in position to accept bids on construction contracts before the end of that year, and the Medical Sciences Building would be ready for use in medical education by September, 1974.

If possible, an occupancy date of February, 1974, should be met, in order to allow time to install and test out all of the specialized equipment planned for this building. Furthermore, in accepting some ninety-six additional medical students for admission in September, 1974, the University would have to be virtually certain the building and faculty were available. A reasonable margin of safety in the construction schedule is imperative.

*It is recommended that explicit approval be given to the inclusion of the Medical Sciences Building among the projects to be presented to the Board of Higher Education at its meeting on September 9, 1969.*

The *Supplement to the University's Fiscal Year 1971 Capital Request* (Attachment A)<sup>2</sup> describes a proposal for the planning and construction of new hospital facilities at the Medical Center campus. A request for planning funds (\$650,000) was included in the University's original capital request for the biennium 1969-71, but this was not approved by the Board of Higher Education.

Subsequently, it was decided to use funds available in the 1967-69 capital appropriation to continue the program studies—with the assistance of a consulting firm having specialized experience in hospital planning. With the approval of the Board, Lester Gorsline Associates International was selected for this work. These studies are in their final stage.

In the light of these studies and other developments, it now seems highly desirable to resubmit this project to the Board of Higher Education for review as part of the University's capital request for fiscal year 1971. The Board presumably will refer the request to its Health Education Commission, which plans to

<sup>1</sup> Revisions were also made in the May 21, 1969 document to restore amounts and projects requested for FY 1970 but not approved by the General Assembly.

<sup>2</sup> Copies of these attachments were included in the material sent to the Trustees prior to the Executive Committee meeting, and are being filed with the Secretary of the Board.

appoint a special committee soon to review the recommendations in *Education in the Health Fields for State of Illinois* relating to a proposed "Illinois Institute of Health" (see Attachment B<sup>1</sup>—an excerpt from *Education in the Health Fields for State of Illinois*, pages 61-62). As noted in this excerpt, Recommendations 2 and 4, especially, propose rather fundamental changes in the size and functions of the Research and Educational Hospitals.

In order that the Board of Higher Education (and the Health Education Commission) may have a full presentation of the University's own plans for the size and uses of its Hospital, *it is recommended that a capital request in the amount of \$650,000 be included among the capital projects to be presented formally to the Board of Higher Education at its meeting on September 9, 1969.* The University would then include this item in its fiscal year 1971 capital request to be presented to the Governor and the General Assembly—unless developments prior to such submittal suggested the desirability of some modification of the proposal. In the latter event, the matter would be brought back to the Board of Trustees for further consideration.

The Chancellor at the Medical Center campus, the Executive Vice President and Provost, and the Vice President and Comptroller recommend approval of these proposals.

I concur.

On motion of Mr. Swain, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Hughes, Mr. Swain; no, none; absent, none.

#### DEANSHIP OF THE COLLEGE OF EDUCATION, CHICAGO CIRCLE

(2) The Chancellor at Chicago Circle has recommended the appointment of Dr. Van Cleve Morris, presently Professor of Education at Chicago Circle, as Dean of the College of Education at Chicago Circle, beginning September 1, 1969, on a twelve-month basis, at an annual salary of \$28,500.

He will continue to hold the rank of Professor of Education on indefinite tenure.

Professor Morris' appointment is made after consultation with the executive committee and the faculty of the College of Education, the executive committee and the faculty of the School of Physical Education, the Dean's Council, and a special consultative committee.<sup>2</sup>

The appointment of Dr. Morris will fill the vacancy which was created by the resignation of Dean David C. Epperson, effective August 31, 1969.

The Executive Vice President and Provost endorses this recommendation.

I recommend approval.

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

#### APPOINTMENT OF ACTING DEAN OF STUDENT AFFAIRS, CHICAGO CIRCLE

(3) The Chancellor at Chicago Circle has recommended the appointment of Oscar Miller, Assistant Dean of the College of Business Administration and Associate Professor of Economics, as Acting Dean of Student Affairs, beginning September 1, 1969, on a twelve-month service basis, at an annual salary of \$21,000.

He will continue to hold the rank of Associate Professor of Economics on indefinite tenure.

Dean Miller has been involved in many activities closely related to student affairs, including his service as chairman of the Committee on Human Relations and Equal Opportunity and membership on the Committee on the Use of Facilities and the Neighborhood Relations Committee.

The appointment will fill the vacancy which was created by the resignation of Dean Robert E. Corley. The recommendation is made after consultation with the

<sup>1</sup> Copies of these attachments were included in the material sent to the Trustees prior to the Executive Committee meeting, and are being filed with the Secretary of the Board.

<sup>2</sup> Dr. Harriet Talmage, Assistant Professor of Education, Acting Chairman of the Executive Committee, College of Education; Dr. Robert L. Hall, Professor of Sociology, Head of the Department; Dr. George T. Dickie, Professor of Philosophy, Acting Chairman of the Department; Dr. Peter A. Jones, Professor of History; Dr. Joseph L. Schofer, Assistant Professor of General Engineering, Systems Engineering, Assistant Director of Center for Urban Studies; Dr. Leonard Kent, Coordinator of Quantitative Methods, Professor of Quantitative Methods, Business Administration; Mr. Simon Stein, Associate Professor of Art, Chairman of the Department.

staff of the Office of Student Affairs, the Deans' Council, and a special consultative committee.<sup>1</sup> During the coming year the search for a permanent dean will continue.

The Executive Vice President and Provost endorses this recommendation. I recommend approval.

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

#### EMPLOYMENT OF ARCHITECTS FOR LONG-RANGE PLANNING

(4) The President of the University, with the concurrence of appropriate administrative officers, recommends the employment of the following firms for long-range campus planning studies at the campuses indicated. These studies have been requested by the State Board of Higher Education as part of the University's capital request for the next fiscal period and will be submitted to the Board for review prior to July 1970.

*Chicago Circle Campus*—Skidmore, Owings & Merrill, Chicago, at a fee of actual costs of technical personnel, including partners, plus 150 per cent for overhead and including reimbursable expenses.

*Medical Center Campus*—Richardson, Severns, Scheeler & Associates, Inc., Champaign, at a fee of actual costs of technical personnel, including partners, plus 150 per cent for overhead and including reimbursable expenses.

*Urbana-Champaign Campus*—Richardson, Severns, Scheeler & Associates, Inc., Champaign, at a fee of actual costs of technical personnel, including partners, plus 150 per cent for overhead and including reimbursable expenses.

Funds for this work are available in state capital appropriations to the University and have been released by the Governor.

The Committee on Buildings and Grounds has reviewed and approved this recommendation.

On motion of Mr. Clement, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Hughes, Mr. Swain; no, none; absent, none.

#### EMPLOYMENT OF ARCHITECT FOR MISCELLANEOUS REMODELING, CHICAGO CIRCLE

(5) The President of the University, with the concurrence of appropriate administrative officers, recommends the employment of Samuel Arthur Lichtmann, Chicago, for complete architectural services for miscellaneous remodeling projects at the Chicago Circle campus. The projects are to be undertaken during fiscal year 1970 at a fee of 9 per cent of the actual construction costs plus actual costs for reimbursable expenses authorized by the University.

Payments for these services will be made from funds budgeted for each project authorized by the University and assigned to the architect.

The Committee on Buildings and Grounds and the Advisory Committee on Architectural and Engineering Services have reviewed and approved this recommendation.

On motion of Mr. Swain, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Hughes, Mr. Swain; no, none; absent, none.

#### EMPLOYMENT OF ARCHITECTS, MEDICAL CENTER

(6) The President of the University, with the concurrence of appropriate administrative officers, recommends the employment of Schmidt, Garden & Erickson, Chicago, for architectural services in connection with hospital remodeling, consultation on program development and the planning of a new hospital at the Medical Center campus in accordance with the following:

<sup>1</sup> Mr. John D. McNee, Professor of History of Architecture and Art, Acting Head of the Department, *Chairman*; Dr. David C. Epperson, Dean of the College of Education; Dr. George C. Giles, Jr., Assistant Professor of Education; Mr. James C. Griggs, Jr., Assistant Professor of Education, Director of the Educational Assistance Program; Dr. Jan Rodek, Professor of Chemistry; Dr. John A. Schey, Professor of Metallurgy, Materials Engineering; Dr. Hugh G. Wales, Professor of Marketing, Business Administration.



Architectural services for remodeling in the existing hospitals for the program to be executed in fiscal year 1970 at a fee of actual costs plus 150 per cent for overhead and profit, plus reimbursement for actual expenses.

Consultation in the development of the program for a new hospital with hospital professional personnel and the Medical Center hospital planning consultant (Lester Gorsline Associates International) at a fee of actual costs plus 150 per cent for overhead and profit, plus reimbursement for actual expenses.

A portion of the funds for the remodeling work is available from the Medical Center General Reserve. The balance of the funds is available from state capital appropriations to the University for fiscal year 1970, subject to release by the Governor, and work will not be authorized for this portion until such funds are released. Funds for the initial planning and program development of a new hospital are available from state capital appropriations and have been released by the Governor.

Funds for complete architectural and engineering services for the new hospital are included in the University's request for capital funds for fiscal year 1971, and work will not be authorized until such funds are available.

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

On motion of Mr. Clement, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Hughes, Mr. Swain; no, none; absent, none.

#### **EMPLOYMENT OF ENGINEERS FOR IMPROVEMENTS TO PEABODY DRIVE AND PENNSYLVANIA AVENUE, URBANA**

(7) The President of the University, with the concurrence of appropriate administrative officers, recommends, subject to the release of funds by the Governor, the employment of Daily & Associates, Champaign, for complete engineering services through working drawings, for widening, paving, and lighting Peabody Drive from First Street to Fourth Street, repaving Peabody Drive from Fourth Street to the west Broadwalk extended and paving and lighting Pennsylvania Avenue from Fourth Street to Sixth Street at a fee based on Schedule "B" of the Minimum Fees adopted by the Illinois Society of Professional Engineers.

The Advisory Committee on Architectural and Engineering Services and the Committee on Buildings and Grounds have reviewed and approved this recommendation.

Funds for these services are available in state capital appropriations to the University for fiscal year 1970, subject to release by the Governor.

On motion of Mr. Swain, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Hughes, Mr. Swain; no, none; absent, none.

#### **EMPLOYMENT OF ARCHITECT FOR IMPROVEMENTS AT "JAMES WOODWORTH PRAIRIE PRESERVE"**

(8) The President of the University, with the concurrence of appropriate administrative officers, recommends the employment of Samuel Arthur Lichtmann, Chicago, for architectural services for building construction and site improvements at "James Woodworth Prairie Preserve" at a fee of 9 per cent of the actual construction costs plus actual costs for reimbursable expenses authorized by the University. The improvements, estimated to cost \$75,000, will include an interpretation center of approximately 1,100 square feet, a parking area, and a protective fence.

Funds for this project are available from gifts to the University reported to the Board at its July 23, 1969, meeting.

The Advisory Committee on Architectural and Engineering Services and the Committee on Buildings and Grounds have reviewed and approved this recommendation.

On motion of Mr. Clement, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Hughes, Mr. Swain; no, none; absent, none.

**APPROPRIATIONS FOR NONRECURRING EXPENDITURES**

(9) The Chancellor, on behalf of the Chicago Circle Committee on Nonrecurring Appropriations, recommends the following appropriations from the Chicago Circle General Reserve:

Renovation and remodeling for which funds are assigned to the Physical

Plant Department:

Remodeling in the Science and Engineering Laboratories for the Computer Center .....	\$115 500
Remodeling in University Hall for the Health Service.....	13 600
<i>Total, Chicago Circle General Reserve.....</i>	<i>\$129 100</i>

The Executive Vice President and Provost and the Vice President and Comptroller concur.

I recommend approval.

On motion of Mr. Swain, these appropriations were made by the following vote: Aye, Mr. Clement, Mr. Hughes, Mr. Swain; no, none; absent, none.

**PURCHASES**

(10) The President submitted, with his concurrence, a list of purchases recommended by the Directors of Purchases and the Vice President and Comptroller; also purchases authorized by the President.

The list was presented in two categories: purchases from appropriated funds (i.e., from state appropriations to the University) and purchases from institutional funds. The latter term designates funds received by the University under contracts with the United States government, contracts with private corporations and other organizations, funds from foundation grants, and grants from corporations and other donors, and University revolving funds authorized by law.

The total amounts of these purchases were:

*From Appropriated Funds*

Authorized .....	\$ 12 200 00
Recommended .....	187 062 00
<i>Total.....</i>	<i>\$199 262 00</i>

*From Institutional Funds*

Authorized .....	\$ 99 509 23
Recommended .....	443 859 07
<i>Total.....</i>	<i>\$543 368 30</i>
<i>Grand Total.....</i>	<i>\$742 630 30</i>

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

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

**REQUEST TO ILLINOIS BUILDING AUTHORITY TO CONTRACT FOR  
CONSTRUCTION OF COLLEGE OF DENTISTRY BUILDING,  
PHASE I, MEDICAL CENTER**

(11) On August 14, 1969, the Illinois Building Authority received bids for construction of the College of Dentistry Building, Phase I, at the Medical Center campus. This project is one which the Board, at its meeting on July 26, 1967, requested the Illinois Building Authority to provide. The plans and specifications comply with the requirements of the Facilities for the Handicapped Act.

The low base bid was submitted by M. A. Lombard & Son Co., Alsip, Illinois, in the amount of \$8,763,501. Proposals were also received from S. N. Nielsen Company, Gust K. Newberg Construction Co., Corbetta Construction Company of Illinois, Inc., The George Sollitt Construction Company, W. E. O'Neil Construction Co., A. J. Maggio Co., and Leo Michuda & Son Co. There are no irregularities in the bid proposal of the low bidder, who is deemed fully qualified to construct this project.

The Authority will finance the construction and lease the facilities to the University. Funds for rental payments are available in state appropriations to the University. Jurisdiction of the land on which the project will be constructed is being transferred to the Authority.

Accordingly, the President of the University, with the concurrence of appropriate administrative officers, recommends that the Board of Trustees request the Illinois Building Authority to award a construction contract for this project to M. A. Lombard & Son Co., the low base bidder, for the total sum of \$8,763,501 and proceed to procure this facility for the use of the University.

It is also recommended that the Comptroller and the Secretary of the Board of Trustees be authorized to make, execute, acknowledge, and deliver such instruments of transfer, conveyance, lease, construction, and other documents as are necessary to provide for the carrying out of the foregoing project and facility by the Illinois Building Authority.

It is further recommended that the resolutions submitted herewith be adopted to implement the official actions required, including authorization of the instruments of transfer of jurisdiction of real estate to the Illinois Building Authority.

Attached herewith is a report of the Physical Plant Planning and Construction Office, including a schedule of the bids received, a copy of which is being filed with the Secretary of the Board for record.

#### Resolution

*Be It, and It Hereby Is, Resolved* by The Board of Trustees of the University of Illinois acting through its Executive Committee, that the Illinois Building Authority be, and it hereby is, requested to award the M. A. Lombard & Son Co., Alsip, Illinois, a contract in the amount of \$8,763,501 for construction of the College of Dentistry Building at the Medical Center campus in accordance with the base bid submitted.

*Be It, and It Hereby Is, Further Resolved* by The Board of Trustees of the University of Illinois acting through its Executive Committee, that the Comptroller and the Secretary of this public corporation be, and they are hereby authorized to make, execute, acknowledge, and deliver, in the name and on 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. Swain, the foregoing resolution was adopted by the following vote. Aye, Mr. Clement, Mr. Hughes, Mr. Swain; no, none; absent, none.

#### Resolution

WHEREAS the Seventy-fifth General Assembly of the State of Illinois has declared it to be in the public interest that the Illinois Building Authority construct, on behalf of The Board of Trustees of the University of Illinois, the College of Dentistry Building on the Medical Center campus of the University of Illinois in Chicago, Illinois; and

WHEREAS for that purpose it will be necessary for the Illinois Building Authority to acquire jurisdiction of the real estate upon which said building will be located; and

WHEREAS the site for the College of Dentistry Building has been determined and The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois with its principal office in Urbana, Illinois, has been requested by the Illinois Building Authority to transfer jurisdiction of said real estate for the construction of said building.

*Now, Therefore, Be It and It Is Hereby Resolved* by The Board of Trustees of the University of Illinois, acting through its Executive Committee that the Comptroller and the Secretary of The Board of Trustees of the University of Illinois be, and they hereby are, authorized to make, execute, acknowledge, and deliver in the name and on behalf of this corporation, an instrument of transfer of jurisdiction to the property described in the attached document entitled "Instrument of Transfer," which said form of Instrument of Transfer is, by this reference, incorporated in and made a part of this Resolution.

On motion of Mr. Swain, the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Hughes, Mr. Swain; no, none; absent, none.

#### REPORT ON A FIRE IN THE ILLINI UNION

At the request of the President of the University, Mr. Havens reported on a fire in the Illini Union at Urbana on August 17, 1969, as follows: Preliminary estimates indicate that the total damage may be as low as \$100,000 or as high as \$275,000; that at this point all of the damage can not be accurately estimated; and, considerable time will be required before a firm cost estimate can be developed. The loss is covered by insurance.

The business of the meeting having been concluded, on motion of Mr. Clement, the Executive Committee adjourned.

EARL W. PORTER  
*Secretary and Clerk*

HOWARD W. CLEMENT  
TIMOTHY W. SWAIN  
EARL M. HUGHES, *Chairman*  
The Executive Committee of The  
Board of Trustees of the Uni-  
versity of Illinois

On motion of Mr. Grimes, the Board ratified, approved, and confirmed all of the actions of the Executive Committee as reported.

BUSINESS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY  
The Board took up consideration of 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 CERTIFICATE

(1) The Committee on Accountancy recommends that the certificate of Certified Public Accountant be awarded to the following candidates who passed the standard written examination given in May, 1969, and who have fulfilled all other legal requirements under Sections 1, 2, and 3 of the Illinois Accountancy Act of 1943 as amended:

RONALD NELS ADAMSON, Addison  
LOUIS ADLER, Morton Grove  
JOSEPH ANTHONY ALESSANDRINI,  
Hinsdale  
GLORIA PITMAN ANDRUS, Honolulu,  
Hawaii  
LEON BAER, Skokie  
DONN ALTON BAIRD, Arlington Heights  
ANTHONY PATRICK BASILE, Addison  
LAURENCE ALAN BASKIN, Chicago  
ROBERT HARN BAYER, JR., Park Ridge  
ROBERT ALLEN BEESE, Skokie  
CARL BELL, JR., Chicago  
JOSEPH CHARLES BENETKA, Lyons  
JOEL ROBERT BERGER, Lincolnwood  
JOHN ANTHONY BERNAUER, JR.,  
Evanston  
JOSEPH FRANCIS BIGANE III, River  
Forest

GARY EDWARD BOVEE, Park Forest  
STUART MICHAEL BOYKOFF,  
Lincolnwood  
JAMES THOMAS BRANKIN, Chicago  
LEROY RAYMOND BRIGGS, Elmhurst  
WILLIAM LEWIS BROOM III, Effingham  
GERALD RAYMOND BROZ, Country Club  
Hills  
COLIN KELLY BRUMMET, Geneseo  
THOMAS THADDEUS BURZYCKI, Chicago  
LEONARD WAYNE BUSSE, Glen Ellyn  
ROBERT JOSEPH BUTLER, Chicago  
Heights  
JAMES LESTER BUYSSE, Prophetstown  
DOUGLAS ROLLA CARPENTER, Champaign  
ROBERT DEAN CARTER, Springfield  
MICHAEL GERALD CASSERLY, Chicago  
WILLIAM ALLEN CHAPMAN, Skokie  
JOHN ALLEN CLARK, East Peoria

ROBERT DANIEL CLAUD, Jr., Wheaton  
 DAVID CLEMENTS, Winnetka  
 GROVER ALBERT CLEVELAND,  
   Bloomington, Indiana  
 BARRY LEWIS COHEN, Park Forest  
 CHARLES LAWRENCE CONNOLLY,  
   Libertyville  
 JOHN JAMES CORCORAN, Hickory Hills  
 ROBERT SAM CORMAN, Des Plaines  
 DONALD JAY CRUM, Columbia  
 DAVID RAY CURRIE, Springfield  
 MARVIN HOWARD DAHLBERG, Dixon  
 JOHN ANTHONY DELEONARDIS, Chicago  
 LESTER GEORGE DETTERBECK III, Park  
   Ridge  
 JOHN EDWARD DEVOS, Moline  
 DONALD REX DEVRIES, Matteson  
 DAVID M. DIEHL, Decatur  
 DEAN BERNARD DOLAN, Arlington  
   Heights  
 JAMES EARL DONOVAN, Park Ridge  
 SHELDON DROBNY, Chicago  
 CLIFTON LEON DUCKWORTH, Joliet  
 RICHARD FRANCIS DUFNER, Des Plaines  
 KENNETH JOHN DUPERE, Mt. Prospect  
 RUSSELL DUANE DURRETT, Urbana  
 WILLIAM STEPHEN EGAN, Villa Park  
 ROBERT JOHN ELAM, Park Ridge  
 JOHN CHARLES ENGSTROM, Cedar  
   Rapids, Iowa  
 TIMOTHY LEE FASS, Chicago  
 GERALD YALE FESTENSTEIN, Des Plaines  
 CARL MATTHEW FINK, Chicago  
 AARON JACK FISCHER, Chicago  
 THOMAS PATRICK FLANAGAN, Jr.,  
   Homewood  
 THOMAS FRANCIS FOLEY, Oak Park  
 GARY ALLEN FOX, Urbana  
 LEE HART FRANK, Chicago  
 JOSEPH ALBERT FRANZ III, Urbana  
 DOUGLAS ALAN FRIEDRICH, Joliet  
 GORDON NEAL FUCHS, Rockford  
 THOMAS JOHN GAZDIC, Palatine  
 DONALD JOSEPH GIANONE, Oak Lawn  
 BERT HENRY GIDEON, Evanston  
 EVERETT HENRY GOETTSCH, Elmhurst  
 HAROLD MITCHELL GRAHAM, Urbana  
 JOHN MICHAEL GRAHAM, Urbana  
 LAWRENCE HENRY GRAMKE, Quincy  
 JOHN HOBART GRAVES, Decatur  
 JOHN SVIATOSLAUS GULA, Chicago  
 ANN GUNTNER, Peoria  
 DENNIS WILLIAM HAGELE, Chicago  
 THOMAS JOEL HANUS, Palatine  
 KENNETH DEAN HARRE, Wheaton  
 LEE HARRIS, Chicago  
 TERRY GENE HARTNETT, Peoria  
 MURRAY DAVID HAUSER, Chicago  
 JAMES WALTER HEALY, Arlington  
   Heights  
 JACK R. HELLER, Belleville  
 NAOMI MARY AYRES HERMAN, Skokie

RICHARD CLARENCE HERMANN, Oak  
   Lawn  
 JOHN HUGH HETREED, Chicago  
 RICHARD ROBERT HOFERLE, Glenview  
 DOUGLAS PAUL HOFFMEYER, Joliet  
 JAMES PETER HOFNER, Wheaton  
 ROBERT EDMUND HORSTMAN, La Grange  
 WAYNE PAUL IFFT, Mt. Prospect  
 DONALD LEWIS IRVING, Glen Ellyn  
 ROBERT PAUL ISAACSON, Lincolnwood  
 MICHAEL RAYMOND ISELIN, Chicago  
 JOHN RICHARD JOHNS, Urbana  
 RICHARD BRUCE JONES, Rockford  
 TOM PHILLIP JONES, Alton  
 DANIEL RAY JONKER, Oak Forest  
 VERNON TAM SIU KAM, Evanston  
 JOHN JOSEPH KAMERER, Champaign  
 LEONARD KAPLAN, Chicago  
 RICHARD JAY KAPLAN, Chicago  
 BARRY EVAN KATZ, Chicago  
 EDWARD JOHN KELLER, La Grange  
 EVERETTE EUGENE KELLEY, Prospect  
   Heights  
 THOMAS KENDALL KELLY, Schaumburg  
 MARTIN JOSEPH KENNY, River Forest  
 GREGORY KERSTING, Chicago  
 STEPHEN DWIGHT KIRKBY, Des Plaines  
 JAMES EDWARD KOENIG, Chicago  
 THERON RAHN KUFUHL, Chicago  
 LESLIE MICHAEL KUREY, Chicago  
 WILLIAM JOSEPH KWASNIEWSKI,  
   Lansing  
 ALAN ROBERT LARSEN, Forest Park  
 MARK EDWARD LARSON, Jr., Lombard  
 MERRICK WILLIAM LECKEY, Lisle  
 NATHAN NED LEIKEN, Mironk  
 WILLIAM MYRON LEROY, La Grange  
 GERALD MICHAEL LESTER, Chicago  
 ROBERT ALAN LEWIS, Morton Grove  
 JOHN MICHAEL LICHT, Oak Park  
 MICHAEL BRUCE LINDSAY, Rockford  
 JAMES ANDREW LINK, Quincy  
 JOHN R. LONGLETT, Liberty  
 THOMAS EMMETT LYONS, Des Plaines  
 EUGENE LAWRENCE MAHONEY, Chicago  
 IRWIN BRUCE MANDEL, Chicago  
 FREDERICK JAMES MANNING, Wilmette  
 ROBERT DAVID MARTIN, Jr., Elmhurst  
 WILLIAM E. MASON, Bloomington  
 ALAN ALBERT MATYSZCZAK, Chicago  
 GEORGE STEADMAN MCCLURE,  
   Beardstown  
 DAVID ALAN McLAUGHLIN, Park Forest  
 ROLAND VALLIE McPHERSON,  
   Homewood  
 RALPH GLEN MEADOR, Lombard  
 STEVEN OBERMAN MICHEL, Northlake  
 GEMMA LENORE MICHELINI, Chicago  
 FRED LEE MILLER, Chicago  
 PEDRO JACOBO MIRONES, Melrose Park  
 LYLE EUGENE MOWREY, Downers Grove  
 GARY FRANCIS MUELLER, Waterloo

ELIZABETH ANN MULGREW, Paris  
 WILLIAM HENRY MUSICH, Homewood  
 JAMES DONALD MYERS, Belleville  
 JOHN PAUL NEWALL, Highland Park  
 WARREN LEE NEWELL, Jr., Calumet City  
 HOWARD DEAN NICHOLAS, Wheaton  
 ALLAN MICHAEL NIEDER, Evanston  
 LAWRENCE JOSEPH NILLES, Westmont  
 DAVID RICHARD NOMURA, Niles  
 FRANK JOSEPH O'BRIEN, Dolton  
 EDWARD THOMAS ODMARK,  
   Mt. Prospect  
 THOMAS ALLEN OGUREK, Chicago  
 JOHN RICHARD OSTRAND, Chicago  
 CAROL JEAN OZARK, Chicago  
 HAROLD PAGE, Chicago  
 MICHAEL JOHN PALUMBO, Chicago  
 GERALD EDWARD PELZER, Wheaton  
 JAMES ROY PETTA, Chicago  
 DAVID STANLEY PHILLIPS, Chicago  
 MICHAEL S. PINSKY, Chicago  
 JOSEPH HENRY PIOMBINO, Jr., Chicago  
 THOMAS KEITH PIPER, Jr., Belleville  
 JACK THOMAS PLAISTOW, Des Plaines  
 ARNOLD STUART POLK, Skokie  
 WILLIAM RAYMOND POLLEY, Northlake  
 ALAN FRED PORTELLI, Glenwood  
 MICHAEL ALLEN PROSEN, Chicago  
 FRANK MITCHELL RACIBOZYNSKI,  
   Chicago  
 RANDY ALLAN RAGAN, Springfield  
 JAMES MILFORD RAMP, Oak Park  
 GILBERT KENNETH REEVES, Chicago  
 KENNETH DALE REUTTER, Cissna Park  
 FRANK RICHARD RICE, Benton  
 JOHN PATRICK RIORDAN, Westchester  
 EDWARD JOSEPH ROCHE, Chicago  
 WILLIAM JOSEPH ROCKELMANN,  
   Deerfield  
 REUBEN ROSENBERG, Chicago  
 ALAN GILBERT ROSS, Chicago  
 ROBERT WILLIAM RUBEL, Villa Park  
 LAWRENCE CHARLES RUBIN, Chicago  
 DANIEL STEPHEN RUDMAN, Galesburg  
 RICHARD GEORGE RUSSELL, Rolling  
   Meadows  
 JOHN WILLIAM RYNELL, Chicago  
 ARTHUR LEROY SALS, Hillsboro  
 JERRY KEITH SAMMONS, Mt. Vernon  
 JOHN SAVINO, Chicago  
 ALAN RIEPE SCHAFFER, Metropolis  
 JAMES FRANCIS SCHMIDT, Springfield  
 LAVERNE FREDERICK SCHMIDT,  
   Lombard  
 SAMUEL DAVID SCHNEIDER, Champaign  
 CLARK WILLIAM SEEFELDT, La Grange

DAVID RICHARD SIGMAN, Chicago  
 MERIDITH PAUL SIPEK, Hillside  
 BARRY MICHAEL SLAVIN, Chicago  
 DAVID NEIL SMITH, Schiller Park  
 WILLIAM LEA SMITH, Springfield  
 RICHARD CHARLES SNYDER, Naperville  
 GARY LYNN STOLTZ, Winfield  
 LARRY ROGER STONE, Arvada, Colorado  
 JAMES ALLAN SULLIVAN, Chicago  
 JOHN EDWARD SUSTER III, Chicago  
 JERRY CHESTER SZCINSKI, Wheaton  
 ARTHUR JOSEPH TANDY, Chicago  
 RAYMOND JOSEPH TENNISON, Chicago  
 BOB WARNSING TICE, Jr., Greenvew  
 ROBERT LOUIS TOMZ, Elmwood  
 THOMAS EUGENE TUECH, Naperville  
 J. DEAN VAIL III, Glenview  
 LARRY DEAN VAN DE HOEF, Dolton  
 THOMAS JOHN VANHAZEBROECK,  
   Urbana  
 MERLE ALAN VAN OSDOL, Chicago  
 MARK ALOYSIUS VOGEL, Peoria  
 GARY FRANCIS WADE, Chicago  
 GARY JAY WALDBUSSER, Prophetstown  
 TERRY WAYNE WALKER, East Peoria  
 MICHAEL CHARLES WALSH, Rock Island  
 HERBERT PERRY WASSERMAN, Skokie  
 ROBERT DONALD WEBB, Jr., Skokie  
 ROGER ALLEN WEGHORST, Elk Grove  
   Village  
 GLORIA JEAN WELCH, Smithfield  
 JEFFREY MESIROW WESTON, Champaign  
 JAMES WARREN WHITE, Chicago  
 CALVIN EDWARD WHITEHALL, Elmhurst  
 ALONZO WHITESIDE, Jr., Chicago  
 ROBERT WILLIAM WICK, Chicago  
 JOHN AUGUST WIEMERS, Park Forest  
 MICHAEL JEROME WILLBUR, Downers  
   Grove  
 WILLIAM VANCE WILLCOX, Arlington  
   Heights  
 JOHN ALAN WINKLER, Savanna  
 JAMES FREDERICK WOKOSIN, Park  
   Forest  
 LARRY MARSHALL WOLFSON, Springfield  
 MICHAEL DOUGLAS WOODS, Mt.  
   Prospect  
 ROBERT RUDOLPH WOTT, Chicago  
 DANIEL MICHAEL WRIGHT, Lombard  
 MICHAEL ANDREW WRIGLEY, Decatur  
 KENT MARTIN YAUCH, Glenview  
 KATHERINE JUDITH YESLIN, Chicago  
 PATRICIA JOYCE ZAK, Cicero  
 JUSTIN ANTHONY ZALECKI, Worth  
 DANIEL JOSEPH ZIMMERMAN, Morton  
   Grove

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 Certificate</i>
ROBERT CHARLES BERRI	St. Louis, Missouri	District of Columbia
ROBERT DEAN MARSHALL	Davenport, Iowa	Iowa
JOSEPH CARL MEEK, JR.	Creve Coeur, Missouri	Missouri
JAMES FRANCIS WEILAND	Arlington Heights, Illinois	California
RICHARD LEE ZIEGLER	Rockford, Illinois	Wisconsin

I concur.

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

#### HEADSHIP OF THE DEPARTMENT OF DAIRY SCIENCE, URBANA

(2) The Dean of the College of Agriculture recommends the appointment of Professor Kenneth E. Harshbarger, presently Professor of Nutrition in the Department of Dairy Science and Associate Head of the Department of Dairy Science, as Professor of Nutrition on indefinite tenure and Head of the Department of Dairy Science effective as of September 1, 1969, on a twelve-month service basis, at an annual salary of \$24,600.

Professor Harshbarger will succeed Professor Glenn W. Salisbury who was appointed Director of the Agricultural Experiment Station effective June 1, 1969.

The nomination of Professor Harshbarger was made with the advice of a search committee<sup>1</sup> and is supported by the Executive Vice President and Provost, the Chancellor, and the Dean of the Graduate College at Urbana.

I concur.

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

#### APPOINTMENTS TO THE FACULTY

(3) 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; T— terminal appointment, accompanied with or preceded by notice of non-reappointment; W— one-year appointment subject to special written agreement; 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. JAMES N. ALEXANDER, Administrative Assistant, Office of the Chancellor, and Assistant Professor of Urban Affairs, beginning September 8, 1969 (DY,1Y), at an annual salary of \$14,000.
2. H. FREDERICK BROWN, Associate Professor in Jane Addams Graduate School of Social Work, beginning September 1, 1969 (Q), at an annual salary of \$18,000.
3. LEONA B. CAIN, Assistant Professor in Jane Addams Graduate School of Social Work, beginning August 7, 1969 (1Y), at an annual salary of \$12,500.
4. JAMES THOMAS CAREY, Associate Professor of Sociology, on 60 per cent time, and of Criminal Justice, on 40 per cent time, beginning September 1, 1969 (A), at an annual salary of \$16,000.

<sup>1</sup> Aldon H. Jensen, Professor of Animal Nutrition in the Department of Animal Science, Chairman; Loyd E. Boley, Professor of Veterinary Clinical Medicine, Head of the Department, and Associate Dean of the College of Veterinary Medicine; and from the Department of Dairy Science Marvin P. Bryant, Professor of Microbiology; Leo R. Fryman, Professor of Dairy Science Extension; Michael Grossman, Assistant Professor of Genetics; Bruce L. Larson, Professor of Biological Chemistry; J. Robert Lodge, Professor of Physiology.

5. LESLIE COHN, Assistant Professor of Mathematics, beginning September 1, 1969 (1), at an annual salary of \$11,000.
6. RUCELLE L. CONSIGNY III, Assistant Professor of Solid State Electronics, Information Engineering, beginning September 1, 1969 (1), at an annual salary of \$10,800.
7. MICHAEL R. CUMMINGS, Assistant Professor of Biological Sciences, beginning September 1, 1969 (4), at an annual salary of \$10,200.
8. WILLIAM W. ERBE, Associate Professor of Sociology, beginning September 1, 1969 (A), at an annual salary of \$14,500.
9. JUDITH KEGAN GARDINER, Assistant Professor of English, beginning September 1, 1969 (1), at an annual salary of \$10,000.
10. MERRILL L. GASSMAN, Assistant Professor of Biological Sciences, beginning September 1, 1969 (1), at an annual salary of \$11,000.
11. FLOYD B. HANSON, Assistant Professor of Mathematics, beginning September 1, 1969 (1), at an annual salary of \$11,500.
12. AUDREY L. KOUVEL, Professor of Spanish and Acting Head of the Department of Spanish, Italian, and Portuguese, beginning September 1, 1969 (A,D), at an annual salary of \$18,500.
13. ORD MATEK, Associate Professor in Jane Addams Graduate School of Social Work, beginning September 1, 1969 (QY), at an annual salary of \$16,000.
14. SIMON OYEDIRAN OJO, Assistant Professor of Geography, beginning September 1, 1969 (1), at an annual salary of \$10,500.
15. DAVID S. PATTERSON, Assistant Professor of History, beginning September 1, 1969 (1), at an annual salary of \$10,000.
16. JAMES LEONARD PHILLIPS, Assistant Professor of Anthropology, beginning September 1, 1969 (1), at an annual salary of \$10,000.
17. THOMAS W. SEALE, Assistant Professor of Biological Sciences, beginning September 1, 1969 (1), at an annual salary of \$10,800.
18. STANLEY K. SHAPIRO, Professor of Biological Sciences, beginning September 1, 1969 (A), at an annual salary of \$18,500.
19. WILLIAM SILVERMAN, Assistant Professor of Education, on 40 per cent time, and in the Center for Urban Studies, on 60 per cent time, beginning September 1, 1969 (1), at an annual salary of \$11,000.
20. GLENN P. WELLER, Assistant Professor of Mathematics, beginning September 1, 1969 (1), at an annual salary of \$11,000.

#### Medical Center

21. HORACE C. DUDLEY, Professor of Radiological Physics, Department of Radiology, College of Medicine, beginning September 1, 1969 (QY), at an annual salary of \$20,000.
22. SUSAN P. LEVINE, Assistant Professor of Psychiatry, College of Medicine, on 55 per cent time, beginning July 1, 1969 (1Y55), at an annual salary of \$10,000.
23. EDWARD W. SAVAGE, JR., Assistant Professor of Obstetrics and Gynecology, College of Medicine, beginning September 1, 1969 (1Y), at an annual salary of \$23,000.
24. MARCIA L. STORCH, Assistant Professor of Obstetrics and Gynecology, College of Medicine, beginning September 1, 1969 (1Y), at an annual salary of \$20,000.
25. EMMANUEL B. THOMPSON, Assistant Professor of Pharmacology, College of Pharmacy, beginning September 1, 1969 (1), at an annual salary of \$14,500.
26. ANNA CERINS TREIMANIS, Circulation Librarian with rank of Assistant Professor, Library, Medical Center, beginning September 15, 1969 (3Y), at an annual salary of \$10,800.

#### Urbana-Champaign

27. RICHARD COLLIN ALKIRE, Assistant Professor of Chemical Engineering, in the Colleges of Liberal Arts and Sciences and Engineering, beginning September 1, 1969 (1), at an annual salary of \$11,000.
28. JOSEPHINE D. ARASTEH, Research Associate Professor of Psychology, beginning August 1, 1969 (WY), at an annual salary of \$14,000.
29. MARY ANN BENDER, Assistant Professor of Physical Education for Women, beginning September 1, 1969 (1), at an annual salary of \$10,350.
30. RICHARD A. BOILEAU, Assistant Professor of Physical Education for Men,



- beginning September 1, 1969 (1), at an annual salary of \$10,500.
31. GARY M. BOOTH, Assistant Professor of Entomology, beginning September 1, 1969 (1Y), at an annual salary of \$12,300.
  32. POO CHOW, Assistant Professor of Wood Science in Forestry, beginning September 1, 1969 (1Y), at an annual salary of \$12,500.
  33. DELANO K. COX, Assistant Dean, Liberal Arts and Sciences, on 67 per cent time, and Associate Professor of Botany, on 33 per cent time, beginning September 1, 1969 (DX67,DS,AX33), at an annual salary of \$15,000.
  34. RUPPERT A. DOWNING, Assistant Professor in Jane Addams Graduate School of Social Work, beginning July 1, 1969 (1Y), at an annual salary of \$12,500.
  35. MICHAEL VINCENT DOYLE, Assistant Professor of Speech, beginning September 1, 1969 (1), at an annual salary of \$10,800.
  36. GERALD L. EUSTER, Assistant Professor in Jane Addams Graduate School of Social Work, beginning September 1, 1969 (1Y), at an annual salary of \$15,000.
  37. PHILIPP FEHL, Professor of Art, beginning September 1, 1969 (A), at an annual salary of \$21,000.
  38. MICHAEL F. GORMLEY, Research Assistant Professor of Physics, beginning September 1, 1969 (TY), at an annual salary of \$11,000.
  39. ARDEN D. GROTELUESCHEN, Assistant Professor of Educational Psychology, Center for Instructional Research and Curriculum Evaluation, College of Education, beginning September 1, 1969 (WX,WS), at an annual salary of \$15,500.
  40. PAUL R. HASKIN, Consultant with rank of Assistant Professor of Psychology, on 15 per cent time for first semester 1969-70 (D15), at a salary of \$1,500.
  41. RICHARD K. INGERSOLL, Assistant Professor of Business Law, College of Commerce and Business Administration, beginning September 1, 1969 (1), at an annual salary of \$10,500.
  42. DAN LEE ISAACS, Consultant, Office of Instructional Resources, for the period from August 4, 1969, through August 11, 1969 (G), at a salary of \$600; Head, Instructional Materials, Office of Instructional Resources, and Assistant Professor of Educational Psychology, College of Education, beginning September 1, 1969 (DY), at an annual salary of \$15,000.
  43. ROBERT A. JONES, Assistant Professor of Sociology, beginning September 1, 1969 (1), at an annual salary of \$11,200.
  44. BOK-LIM CHOI KIM, Assistant Professor in Jane Addams Graduate School of Social Work, beginning September 1, 1969 (1), at an annual salary of \$10,000.
  45. MARCOS KOGAN, Assistant Professor of Agricultural Entomology, beginning August 1, 1969 (1Y), at an annual salary of \$14,000.
  46. ROBERT F. MILLER, Associate Professor of Political Science, beginning September 1, 1969 (A), at an annual salary of \$15,000.
  47. AMNON NETZER, Assistant Professor of Persian, Center for Asian Studies, beginning September 1, 1969 (1), at an annual salary of \$10,500.
  48. YOSHIMITSU OGURA, Professor of Meteorology and Director of Atmospheric Research Laboratory, Graduate College, beginning August 1, 1969 (A,D), at an annual salary of \$26,500.
  49. LAWRENCE B. O'REILLY, Associate Professor and Extension Specialist in Health Education, in Home Economics and Extension Service in Agriculture, beginning September 1, 1969 (QY), at a salary of \$17,500.
  50. ANTHONY M. ORUM, Assistant Professor of Sociology, beginning September 1, 1969 (1), at an annual salary of \$13,200.
  51. HORACIO A. PORTA, Assistant Professor of Mathematics, beginning September 1, 1969 (1), at an annual salary of \$10,500.
  52. CURTIS C. ROSEMAN, Assistant Professor of Geography, beginning September 1, 1969 (1), at an annual salary of \$10,700.
  53. JAMES E. SEXSON, Assistant Director of Audio-Visual Aids Service with rank of Assistant Professor, Division of University Extension, beginning September 1, 1969 (4Y), at an annual salary of \$13,000.
  54. ALLEN T. STEWART, JR., Staff Physician, Health Service, and Assistant Professor of Health Science, beginning August 1, 1969 (1Y), at an annual salary of \$21,000.
  55. WILSON H. TANG, Assistant Professor of Civil Engineering, beginning September 1, 1969 (1), at an annual salary of \$11,000.
  56. JAMES G. WETMUR, Research Assistant Professor of Chemistry and Chemical

Engineering, for the period from July 1, 1969, through August 31, 1969 (G), at a salary of \$2,556, and Assistant Professor of Chemistry, Department of Chemistry and Chemical Engineering, beginning September 1, 1969 (I), at an annual salary of \$11,500.

57. ELNORA PEARL WINTERFELDT, Associate Professor and Assistant State Leader of Home Advisers, County Home Extension in Agriculture and Home Economics, beginning September 1, 1969 (QY), at an annual salary of \$16,500.

#### Visiting Staff

58. KENNETH M. ABBOTT, Visiting Professor of Classics, Urbana, for the academic year 1969-70 (D), at a salary of \$19,000.
59. ROBERT ALBANESE, Visiting Associate Professor of Business Administration, Urbana, for the academic year 1969-70 (E), at a salary of \$15,200.
60. ALEXANDER J. CARMICHAEL, Visiting Professor of Civil Engineering, Urbana, for the period from February 1, 1970, through June 15, 1970 (E), at a salary of \$7,500.
61. ROY G. CREECH, Visiting Professor of Plant Breeding, Department of Agronomy, Urbana, on one-half time, for the period from July 15, 1969, through July 14, 1970 (FY50), at a salary of \$9,500.
62. MATTHEW GOULD, Visiting Assistant Professor of Mathematics, Chicago Circle, for the academic year 1969-70 (E), at a salary of \$11,000.
63. NORMAN T. GREEN, Visiting Professor of Art, Chicago Circle, beginning September 1, 1969 (D), at an annual salary of \$15,000.
64. ROBERT S. GREENSPAN, Visiting Associate Professor of Law, Urbana, for the academic year 1969-70 (E), at a salary of \$16,500.
65. MARTIN HOWE, Visiting Professor of Business Administration, Urbana, for the period from February 1, 1970, through June 15, 1970 (E), at a salary of \$7,000.
66. HAIM LEVY, Visiting Associate Professor of Business Administration, Urbana, for the academic year 1969-70 (E), at a salary of \$12,300.
67. MIROSLAV MARCOVICH, George A. Miller Visiting Professor of Classics, Urbana, for the academic year 1969-70 (D), at a salary of \$20,000.
68. CLIFFORD N. MATTHEWS, Visiting Professor of Chemistry, Chicago Circle, for the academic year 1969-70 (D), at a salary of \$18,500.
69. D. GARY MILLER, Visiting Assistant Professor of Linguistics, Urbana, for the academic year 1969-70 (D), at a salary of \$11,600.
70. HARVEY A. MILLER, Visiting Professor of Botany, Urbana, for the academic year 1969-70 (D), at a salary of \$15,000.
71. MAXWELL H. A. NEWMAN, George A. Miller Visiting Professor of Mathematics, Urbana, for the first semester 1969-70 (E), at a salary of \$10,800.
72. MENACHEM NITZAN, Visiting Assistant Professor of Pediatrics, Medical Center, beginning August 1, 1969 (DY), at an annual salary of \$16,000.
73. CHRISTINE O. SJOGREN, Visiting Professor of German, Urbana, for the period from February 1, 1970, through May 31, 1970 (G), at a salary of \$7,250.
74. PAUL TABORI, Visiting Professor of Creative Writing, Department of English, Chicago Circle, for the academic year 1969-70 (E), at a salary of \$20,000.
75. PIERRE WEISZ, Visiting Associate Professor of French, Urbana, beginning September 1, 1969 (D), at an annual salary of \$15,000.

#### Administrative Appointment

76. RICHARD M. MAGRAW, Associate Dean and Director of Program Planning and Development, College of Medicine, beginning September 1, 1969 (DY), at an annual salary of \$34,000.

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

#### RECOMMENDATIONS OF THE UNIVERSITY COMMITTEE ON ADMISSIONS REGARDING THE REQUIREMENTS FOR ADMISSION OF BEGINNING FRESHMEN

(4) The three Senates and the University Senates Conference have approved recommendations regarding changes in the requirements for admission of beginning freshmen to the Chicago Circle and Urbana-Champaign campuses, effective with the 1971 fall term. These proposals are based upon an extensive study and

report of the University Committee on Admissions, a copy of which is filed with the Secretary of the Board. The following are the proposed requirements:

1. Applicants approved for admission to regular programs must have at least a one-in-two (50 per cent) chance of achieving a 3.0 (C) average for the first term in the college or curriculum to which they apply.
2. To provide the flexibility that may be needed on a temporary basis, applicants whose chances for success range from one-in-four (minimally qualified under present standards) to one-in-two (minimally qualified under recommended standards) may be approved for admission to a curriculum or college under the following circumstances:
  - a. The curriculum or college would not fully utilize available resources of space, staff, and/or facilities unless such applicants were admitted.
  - b. Provision is made by the department or college concerned designed to help such applicants improve their chances for success.
  - c. Special funds are provided where added expenses are involved in making such provision.
3. Selection of beginning freshmen for admission to the regular programs at the Chicago Circle and Urbana-Champaign campuses shall be based on a combination of high school percentile rank and admission test score. (This is the present practice.)
4. Qualified applicants will be admitted to the college or curriculum to which they apply in the order of receipt of their completed applications. Beginning dates for receipt of applications and action on applications will be established for each campus. If, by the beginning date for action on applications, the number of eligible applicants for admission to a particular college or curriculum is greater than the number that can be approved to fill the available spaces, approval will be on a random basis. (These procedures would replace the "Progressive Admission Plan.")
5. For experimental and special programs, spaces may be reserved at each campus for applicants of different qualifications, not to exceed ten per cent of the previous fall-term entering freshman class on that campus.
6. A limited number of spaces may be reserved at each campus for applicants entering programs for which admissions decisions must be delayed. (This is the present practice.)

The three chancellors and the Executive Vice President and Provost have approved these recommendations.

I concur.

On motion of Mr. Hahn and Mr. Jones, these recommendations were approved.

#### **CHANGE OF ADMINISTRATIVE STATUS OF THE SURVEY RESEARCH LABORATORY**

(5) The Survey Research Laboratory was established by the Board of Trustees on June 17, 1964, as a unit within the Graduate College. At that time, this College was a single administrative organization—with University-wide jurisdiction over graduate study, and with supervisory responsibility for numerous research centers and facilities.

On January 17, 1968, the Board of Trustees approved a plan for the reorganization of the Graduate College under which a separate Graduate College was created at each campus. Subsequently, reassignments of administrative responsibility for various specialized units of the Graduate College have been approved by the Board.

In the case of the Survey Research Laboratory, pending a thorough review of its status, current programs, and long-range mission, the unit was operated during 1968-69 under the general administrative aegis of two committees: (a) an Executive Committee consisting of the Director and selected faculty members from the three campuses directly interested in the Laboratory's operations; (b) a general policy committee whose members represented the offices of the three chancellors.

In the light of the year's experience, and of continuing study of the problem, the Laboratory's Executive Committee recommended that the Laboratory remain a University-wide organizational unit, with the Director reporting to the Execu-

tive Vice President and Provost and with the continuation of an intercampus Executive Committee. This recommendation was submitted by the Executive Vice President and Provost to the University Council on Graduate Education and Research, which endorsed it. The three chancellors have also indicated their approval.

I concur.

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

#### **TRANSFER OF TWO RESEARCH UNITS AT THE MEDICAL CENTER CAMPUS TO THE GRADUATE COLLEGE**

(6) The Chancellor at the Medical Center campus has recommended that the Medical Research Laboratory and the Research Resources Laboratory be designated as special units of the Graduate College, in accordance with Section 18 of the University of Illinois *Statutes*.

Each of these units has been in existence for many years, with their directors reporting directly to the Chancellor. Since the purpose of these units is to conduct or promote research in areas which are broader than the responsibility of any one department or college, it is believed they should more properly be administered as special units of the Graduate College.

The Research Board, the Executive Committee of the Graduate College, and the Dean of the Graduate College at the Medical Center campus have been consulted and join in the recommendation. The Executive Vice President and Provost concurs.

I recommend approval.

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

#### **CHANGE OF NAME FOR Y.W.C.A. BUILDING, URBANA**

(7) On recommendation of the Department of Mathematics and with the concurrence of the Executive Committee of the College of Liberal Arts and Sciences, the Chancellor recommends that the present Y.W.C.A. building, 801 South Wright Street, Champaign, be renamed "Coble Hall" in honor of the late Arthur B. Coble, a distinguished member of the Department of Mathematics. The building will be occupied by the Department of Mathematics and by campus administrative offices (Business Affairs Office and a part of the Chancellor's Office).<sup>1</sup>

Arthur Byron Coble was born in Williamstown, Pennsylvania, in 1878. He completed undergraduate studies at Gettysburg College in 1897 and received his Ph.D. degree from Johns Hopkins University in 1902. He was an instructor at the University of Missouri 1902-1903 and spent the following year in Germany as a Carnegie research assistant. He returned to Johns Hopkins in 1904 and remained there until 1918 when he was appointed Professor of Mathematics at the University of Illinois. In 1933, he was named Head of the Department of Mathematics, a post he retained until his retirement in 1947. In addition to his work as teacher and administrator, Professor Coble was the author of many articles which earned him distinction as a mathematician and pre-eminence in the field of algebraic geometry.

The Committee on Buildings and Grounds has been consulted and concurs in this recommendation.

I recommend approval.

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

#### **APPROPRIATIONS FOR NONRECURRING EXPENDITURES**

##### **Medical Center**

(8) The Chancellor, on behalf of the Medical Center Committee on Nonrecurring Appropriations, recommends the following appropriations from the:

##### *Medical Center Contract Research Reserve*

Office of Physical Plant Planning and Construction:

Remodeling in the Medical Sciences Addition to install a Model IBM  
360-44 computer for the Research Resources Laboratory..... \$19 750

<sup>1</sup> Inasmuch as most of the building will be used by the Department of Mathematics, it is recommended that the building be named for a member of the faculty rather than giving it a functional name.

Remodeling in the Medical Research Laboratory for temperature and humidity control .....	29 975
<i>Total, Medical Center Contract Research Reserve.....</i>	<i>\$49 725</i>

### Urbana-Champaign

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

#### *Urbana-Champaign General Reserve*

Department of Plant and Services:

Remodeling of 301 South Wright Street, Champaign, to provide space for the Jane Addams Graduate School of Social Work..... \$22 475

#### *Urbana-Champaign National Science Foundation Cost-of-Education Allowances*

Department of Plant and Services:

Remodeling of 911 West High Street, Urbana, for the Graduate College, to provide space for related projects of the Center for Advanced Study and the Center for Human Ecology..... \$18 880

The Executive Vice President and Provost and the Vice President and Comptroller concur.

I recommend approval.

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

### LEASES WITH THE ILLINOIS BUILDING AUTHORITY FOR PROJECTS IN FISCAL YEAR 1970

(9) The Seventy-sixth General Assembly declared certain buildings and projects for the University of Illinois at the Chicago Circle and Urbana campuses to be in the public interest, thereby indicating the funding of these projects could be accomplished by the Illinois Building Authority.

The declaration also provides that the cost of any specific project can exceed the amount set forth so long as the aggregate amount stated therein to be financed by the Authority for the University is not exceeded.

The Illinois Building Authority Act contemplates that a transfer of jurisdiction of the property on which the projects are to be constructed will be made to the Authority and that lease agreements between the Authority and the University will be executed, providing for the construction of specified projects by the Authority and their use by the University.

Funds for the payment of rental to the Authority during the current fiscal year are available from state appropriations to the University.

The President of the University, with the concurrence of appropriate administrative officers, recommends adoption of the following resolution authorizing the Comptroller and the Secretary of the Board of Trustees to execute and deliver the necessary leases and other documents between the University and the Illinois Building Authority to accomplish the purposes stated.

### Resolution

WHEREAS, the Illinois Building Authority, a body corporate and politic of the State of Illinois created by the General Assembly of the State of Illinois is empowered to acquire by purchase or otherwise, construct, complete, remodel, maintain, and equip any and all buildings and other facilities as the General Assembly by law declares to be in the public interest;

WHEREAS, in accordance with the Illinois Building Authority Act, the 76th General Assembly of the State of Illinois has declared the following University of Illinois projects to be in the public interest:

#### *Chicago Circle Campus*

Construct Classroom-Office and Student Services  
Building ..... \$ 9 453 421

Construct Library Building Addition.....	4 969 548
Construct Science & Engineering Building, South Addition.....	17 426 853
Construct Plant Research Laboratory Building.....	604 675
Construct Power Plant Addition.....	1 535 800
<i>Total — Chicago Circle Campus.....</i>	<i>\$33 990 297</i>

*Champaign-Urbana Campus*

Construct Veterinary Medicine Hospital Building — Phase II Large Animal Clinic.....	\$ 9 016 920
Construct Power Plant Addition and Improvements...	3 379 400
<i>Total — Champaign-Urbana Campus .....</i>	<i>\$12 396 320</i>

*Total, The Board of Trustees of the University of Illinois..... \$46 386 617*

WHEREAS, The Board of Trustees of the University of Illinois, a body corporate and politic of the State of Illinois, will be requested by the Illinois Building Authority to enter into leases, transfer jurisdiction of real estate and take other actions to carry out and complete the above projects in accordance with the Illinois Building Authority Act; now therefore, be it and it is hereby resolved by The Board of Trustees of the University of Illinois as follows:

Section 1. That the Illinois Building Authority be and it hereby is requested to provide the foregoing projects and facilities at the Chicago Circle campus and the Urbana-Champaign campus and to lease the same to the University of Illinois as provided in the Illinois Building Authority Act.

Section 2. That the Comptroller and the Secretary of this Board of Trustees be, and they hereby are, authorized to execute, acknowledge, and deliver in the name and on 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 projects and facilities by the Illinois Building Authority.

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

**AUTHORIZATION UNDER CONTRACT FOR ARCHITECTURAL  
SERVICES, CHICAGO CIRCLE**

(10) On August 20, 1969, the Executive Committee of the Board of Trustees approved the employment of Samuel Arthur Lichtmann, Chicago, for complete architectural services for miscellaneous remodeling projects at the Chicago Circle campus at a fee of 9 per cent plus actual cost for reimbursable expenses authorized by the University. Payments for these services are to be made from funds budgeted for each project on which the University authorizes the architect to proceed.

The President of the University, with the concurrence of appropriate administrative officers, recommends, subject to release of funds by the Governor, an authorization under this contract in an estimated amount of \$31,770 for complete architectural and engineering services for remodeling a portion of the third floor in the Racine Avenue Building, Chicago Circle, for use as surge office space.

Funds are available in state capital appropriations to the University for Fiscal Year 1970, subject to release by the Governor.

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

**EMPLOYMENT OF ENGINEERS ON CAMPUS AIR CONDITIONING,  
MEDICAL CENTER**

(11) The President of the University, with the concurrence of appropriate administrative officers, recommends, subject to the release of funds by the Governor,

the employment of the Howell-Stiggleman Company, Chicago, for engineering services on campus air conditioning at the Medical Center campus at a fee based on actual salaries and wages of personnel directly engaged on the project, plus 100 per cent for overhead and commission, plus normal reimbursable items with the total fee not to exceed \$30,000.

Funds are available in state capital appropriations for Fiscal Year 1970, subject to release by the Governor.

The Advisory Committee on Architectural and Engineering Services concurs in the recommendation to employ this firm.

On motion of Mr. Clement, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hughes, Mr. Jones, Mr. Steger, Mr. Swain; no, none; absent, Governor Ogilvie, Mr. Page, Mr. Pogue. Mr. Hahn asked to be recorded as not voting.

#### **EMPLOYMENT OF ARCHITECT FOR LIBRARY OF MEDICAL SCIENCES, MEDICAL CENTER**

(12) The President of the University, with the concurrence of appropriate administrative officers, recommends, subject to release of available funds by the Governor, the employment of Holabird & Root, Chicago, for complete architectural and engineering services for the construction of the Library of Medical Sciences at the Medical Center campus, at a fee of 5.8 per cent of the actual construction cost, including full-time, on-site supervision.

Funds for these services through working drawings are available in state capital appropriations to the University for Fiscal Year 1970, subject to release by the Governor.

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

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

#### **EMPLOYMENT OF CONSULTANT, LIBRARY OF MEDICAL SCIENCES, MEDICAL CENTER**

(13) The President of the University, with the concurrence of appropriate administrative officers, recommends employment of Library Management and Building Consultants, Inc. of Glenview, Illinois, in connection with the program planning for the proposed new Library of Medical Sciences. Funds have been appropriated by the Seventy-sixth Illinois General Assembly for complete architectural services for this building project.

The estimated fee of \$15,400 would provide a revised program statement and would include two reviews of the architectural sketches developed by Holabird & Root, Chicago, architects for the new Library. A program consultant is recommended because of the many recent advancements in the library field, such as increases in the use of audio-visual materials, computerization of information with remote dial access, and new microfilming techniques.

The Library will be a major resource to the state of Illinois as programs in the health fields are expanded; and consultation on the program statement is believed necessary to provide continuing operating efficiency and flexibility to accommodate future library innovation.

Funds are available from the Medical Center Contract Research Reserve.

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

#### **APPLICATION FOR GRANT FUNDS UNDER TITLE I OF THE HIGHER EDUCATION FACILITIES ACT OF 1963, CHICAGO CIRCLE**

(14) Under the Higher Education Facilities Act of 1963, the United States Commissioner of Education is authorized to grant funds for the construction, rehabilitation, and improvement of certain academic and related facilities. The requirements of the Act for the submission of applications for grants under the Act necessi-

tate the adoption of formal resolutions by the Board, authorizing the filing of applications and designating the person to act on behalf of the University in connection therewith.

Accordingly, the President of the University, with the concurrence of appropriate administrative officers, recommends that the Board of Trustees adopt the following resolutions, authorizing the filing of applications for grants under the Higher Education Facilities Act of 1963 for the following projects at the Chicago Circle campus:

Library Building Addition  
Classroom-Office and Student Services Building  
Science and Engineering Building South Addition

and designating James E. Osborn, Director of Business Affairs at the Chicago Circle campus, as the officer authorized to file the application on behalf of the University for construction at Chicago Circle.

**Resolution Authorizing the Filing of Application For Grant Funds  
Under Title I of the Higher Education Facilities Act of 1963**

**Approved September 17, 1969**

WHEREAS, the U. S. Commissioner of Education is authorized under the Higher Education Facilities Act of 1963 to grant funds for the construction, rehabilitation, and improvement of certain academic and related facilities; and,

WHEREAS, The Board of Trustees of the University of Illinois, the governing body of the University of Illinois, hereinafter called the Applicant, is cognizant of the conditions under which such grant funds are made available and approved for payment to an applicant; and

WHEREAS, it is the sense of the governing body of the Applicant that it is desirable to apply for a grant under the aforementioned act for the project described as follows:

Construct Library Building Addition at Chicago Circle Campus

*Now, therefore, be it*

*Resolved*, that an application for the project described above is authorized and directed to be filed with the Illinois Board of Higher Education, with the understanding that if upon due consideration by said board, applying the criteria of the State plan, said application receives a priority rating sufficiently high to receive grant funds under the aforementioned act, said application will be forwarded to the U. S. Commissioner of Education for consideration for his approval; and be it further

*Resolved*, that The Board of Trustees of the University of Illinois designates James E. Osborn, Director of Business Affairs, Chicago Circle Campus, as the officer authorized to file the application and act as the representative of this Board in connection with said application.

Signed.....

Earl M. Hughes, President  
THE BOARD OF TRUSTEES OF THE  
UNIVERSITY OF ILLINOIS  
September 17, 1969

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

**Resolution Authorizing the Filing of Application For Grant Funds  
Under Title I of the Higher Education Facilities Act of 1963**

**Approved September 17, 1969**

WHEREAS, the U. S. Commissioner of Education is authorized under the Higher Education Facilities Act of 1963 to grant funds for the construction, rehabilitation, and improvement of certain academic and related facilities; and

WHEREAS, The Board of Trustees of the University of Illinois, the governing body of the University of Illinois, hereinafter called the Applicant, is cognizant of the conditions under which such grant funds are made available and approved for payment to an applicant; and



WHEREAS, it is the sense of the governing body of the Applicant that it is desirable to apply for a grant under the aforementioned act for the project described as follows:

Construct Classroom-Office and Student Services Building at Chicago Circle Campus

*Now, therefore, be it*

*Resolved*, that an application for the project described above is authorized and directed to be filed with the Illinois Board of Higher Education, with the understanding that if upon due consideration by said board, applying the criteria of the State plan, said application receives a priority rating sufficiently high to receive grant funds under the aforementioned act, said application will be forwarded to the U. S. Commissioner of Education for consideration for his approval; and be it further

*Resolved*, that The Board of Trustees of the University of Illinois designates James E. Osborn, Director of Business Affairs, Chicago Circle Campus, as the Officer authorized to file the application and act as the representative of this Board in connection with said application.

Signed.....

Earl M. Hughes, President  
THE BOARD OF TRUSTEES OF THE  
UNIVERSITY OF ILLINOIS  
September 17, 1969

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

**Resolution Authorizing the Filing of Application For Grant Funds  
Under Title I of the Higher Education Facilities Act of 1963**

**Approved September 17, 1969**

WHEREAS, the U. S. Commissioner of Education is authorized under the Higher Education Facilities Act of 1963 to grant funds for the construction, rehabilitation, and improvement of certain academic and related facilities; and

WHEREAS, The Board of Trustees of the University of Illinois, the governing body of the University of Illinois, hereinafter called the Applicant, is cognizant of the conditions under which such grant funds are made available and approved for payment to an applicant; and

WHEREAS, it is the sense of the governing body of the Applicant that it is desirable to apply for a grant under the aforementioned act for the project described as follows:

Construct Science and Engineering Building, South Addition at Chicago Circle Campus

*Now, therefore, be it*

*Resolved*, that an application for the project described above is authorized and directed to be filed with the Illinois Board of Higher Education, with the understanding that if upon due consideration by said Board, applying the criteria of the State plan, said application receives a priority rating sufficiently high to receive grant funds under the aforementioned act, said application will be forwarded to the U. S. Commissioner of Education for consideration for his approval; and be it further

*Resolved*, that The Board of Trustees of the University of Illinois designates James E. Osborn, Director of Business Affairs, Chicago Circle Campus, as the Officer authorized to file the application and act as the representative of this Board in connection with said application.

Signed.....

Earl M. Hughes, President  
THE BOARD OF TRUSTEES OF THE  
UNIVERSITY OF ILLINOIS  
September 17, 1969

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

#### COOPERATIVE RESEARCH AGREEMENT WITH THE MINNESOTA MINING AND MANUFACTURING COMPANY

(15) The Dean of the College of Medicine and the Chancellor at the Medical Center campus have recommended to me authorization of a Cooperative Research Agreement between The Board of Trustees of the University of Illinois and Minnesota Mining and Manufacturing Company (3M Company) providing for a grant of \$80,000 from this company for a feasibility study of radio opacity of fluorine-containing compounds for use in medicine, to be conducted by the Department of Surgery of the College of Medicine.

The agreement will provide for the assignment of all patent rights and discoveries developed under the Agreement to the University of Illinois Foundation. If assigned these rights, the Foundation has agreed to give a non-exclusive, royalty-bearing license to the 3M Company, with the option to convert to an exclusive license at a higher royalty rate.

This recommendation is endorsed by the Executive Vice President and Provost and the Vice President and Comptroller.

I concur.

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

#### AMENDMENT TO CONTRACT FOR PUBLICATION OF HIGH SCHOOL TEXTBOOKS IN MATHEMATICS

(16) On April 28, 1962, the Board of Trustees authorized the University to enter into negotiations with D. C. Heath and Company to publish a revision of the University of Illinois Committee on School Mathematics *High School Mathematics* series—developed by Professor Max Beberman of the College of Education and Professor Herbert E. Vaughan of the Department of Mathematics at the Urbana campus. The series had previously been published and distributed by the University of Illinois Press.

The fourth and last volume of that series has been scheduled for publication in 1969. D. C. Heath and Company (a division of Raytheon Corporation) has declined to publish this fourth volume because it contends that the market is insufficient to commit the usual investment necessary for bringing out a new text. (The Company was released from its commitment in the original agreement to publish this volume because the authors did not meet the deadline established.)

Since the final volume (Course 4) is a culmination of the entire series and since it will continue to be useful for experimental purposes in mathematics education here and elsewhere, it seems desirable to have the volume published.

After lengthy negotiations, Heath and Company has agreed to make an inexpensive publication of the textbook by producing an offset copy from a typescript prepared by UICSM. The Company has also agreed to pay \$2,300 to the University for preparation of the typescript, but originally requested that the text be published royalty-free. (The present agreement calls for a 15 per cent royalty: 5 per cent to the University, 5 per cent to Professors Beberman and Vaughan, and 5 per cent to Professor Hyman Gabai, formerly of the University of Illinois and now at York College in New York City, and Dr. Steven Szabo of the UICSM staff—the latter two having prepared the manuscript for Course 4.) Professors Beberman and Vaughan have agreed to forego their share of the royalty, and Heath and Company has finally agreed to pay 2 per cent royalty to Doctors Gabai and Szabo.

The Executive Vice President and Provost and the Vice President and Comptroller recommend, with the concurrence of the University Counsel, that the University relinquish its share of the royalty in return for a promise by D. C. Heath and Company to publish the material and to pay \$2,300 to the University so that the publication of the four-volume *High School Mathematics* series can be completed. It is believed that the market for the text will not be great, and hence that the University's loss of royalty would not be substantial.

I concur.

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

#### AMENDMENT TO CONTRACT FOR FABRICATION OF ILLIAC IV COMPUTER

(17) On February 16, 1966, the Board of Trustees approved the prime research contract to design, fabricate, and operate the ILLIAC IV Computer with Rome

Air Development Center, United States Department of Defense. The Board authorized on March 16, 1966, subcontracts (study phase) awards for detailed specifications and design work to three companies.

Subsequently, by authorization of the Board on April 19, 1967, and July 26, 1967, a cost-plus fixed fee contract was entered into with Burroughs Corporation to fabricate and install the ILLIAC IV at a total estimated cost of \$17,250,104.

The basic goal of the ILLIAC IV project is to design the world's most powerful computer system. The approach is based on the concept of parallel processing. To achieve this, the project had to extend the state of the art in many technological areas. As a result of the unexpected problems encountered, the research and development costs currently estimated to complete fabrication and installation of the machine are approximately \$22,000,000 — with an anticipated delivery date of mid-1970. The increased costs and delivery schedules have been fully discussed with the Burroughs Corporation and the cognizant government agencies. As a result, the Dean of the Graduate College at Urbana, with the concurrence of the Chancellor, requests that authorization be granted for the amendment of the contract with Burroughs Corporation providing an estimated cost of \$22,000,000, subject to funds being made available under the prime contract with the Department of Defense.

The Executive Vice President and Provost and the Vice President and Comptroller recommend approval of the requested authorization.

I concur.

On motion of Mr. Swain, authorization was granted as requested.

#### **AMENDMENT TO GRANT AGREEMENT WITH FEDERAL AVIATION ADMINISTRATION FOR ACQUISITION OF LAND AT WILLARD AIRPORT**

(18) The Board of Trustees on February 19, 1964, approved the acceptance of a grant for the Federal Aviation Administration (then "Agency") in the amount of \$92,443 for the purchase of land and airport improvements. The State Department of Aeronautics agreed to pay the matching costs of these improvements.

This agreement was subsequently amended at the request of the Federal Aviation Administration and the State Department of Aeronautics to reduce the amount of the grant by \$22,500. This first amendment to the grant was approved by the Board of Trustees on July 26, 1967.

The Federal Aviation Administration and the State Department of Aeronautics have now requested that the original grant agreement be further amended for the purpose of deleting certain perimeter fencing and to reduce the monetary amount of the grant by \$1,500.

The President of the University, with the concurrence of appropriate administrative officers, recommends the acceptance of this proposed amendment and the adoption of the following resolution.

#### **Resolution Authorizing Acceptance and Execution of Second Amendment to Grant Agreement Between the United States and The Board of Trustees of the University of Illinois, Champaign-Urbana, Illinois**

WHEREAS, the Administrator of the Federal Aviation Administration, pursuant to request from The Board of Trustees of the University of Illinois, Champaign-Urbana, Illinois, and in order to advance the interests of the United States in civil aviation, has tendered a Second Amendment to the Grant Agreement executed by and between the Administrator of the Federal Aviation Administration, acting for and on behalf of the United States, and The Board of Trustees of the University of Illinois, Champaign-Urbana, Illinois, on February 26, 1964, covering a project on the University of Illinois-Willard Airport, FAA Project No. 9-11-026-C404; and

WHEREAS, it is necessary that said Second Amendment to Grant Agreement be duly and formally accepted by The Board of Trustees of the University of Illinois, Champaign-Urbana, Illinois; and

WHEREAS, the said Second Amendment to Grant Agreement is in the words, figures and form following:

## SECOND AMENDMENT TO GRANT AGREEMENT

University of Illinois-Willard Airport  
Champaign-Urbana, Illinois  
Project No. 9-11-026-C404  
Contract Serial No. FA-CE-2919

WHEREAS, the Federal Aviation Administration (hereinafter referred to as the "FAA"), has determined that, in the interests of the United States, the Grant Agreement relating to the above-numbered project between the Administrator of the Federal Aviation Administration, acting for and on behalf of the United States of America, and The Board of Trustees of the University of Illinois, and the State of Illinois, Department of Aeronautics, Co-Sponsors (hereinafter referred to as the "Sponsor"), accepted by the Sponsor on 26 February 1964, as amended by the First Amendment to Grant Agreement, executed as of 28 June 1967, should be further amended as hereinafter provided; and

WHEREAS, it has been determined necessary to revise the description of the development under the project so as to delete installation of perimeter fencing on ALS site and to reduce the maximum obligation of the United States from \$69,943.00 to \$68,443.00.

*Now, Therefore, Witnesseth,*

That in consideration of the benefits to accrue to the parties hereto, the FAA, acting for and on behalf of the United States of America, on the one part, and the Sponsor, on the other part, do hereby mutually agree that the said Grant Agreement be and hereby is amended by:

1. Deletion from the project description appearing on Page 1 — Offer of the item, "install perimeter fencing on ALS site."
2. Deletion in numbered Paragraph 1 appearing on Page 2 of Part 1 — Offer of the monetary amount, "\$69,943.00", and substitution therefor of the monetary amount, "\$68,443.00".
3. Deletion in its entirety of renumbered Paragraph 16 appearing on Page 7 of Part I — Offer.

*In Witness Whereof*, the parties hereto have caused this Second Amendment to Grant Agreement to be executed as of the ..... day of ....., 1969.

UNITED STATES OF AMERICA  
FEDERAL AVIATION ADMINISTRATION  
PAUL E. CANNON  
Manager, Chicago Area

.....  
(Name of Sponsor)

By.....

(Seal)

Title.....

Attest.....

Title.....

### Certificate of Co-Sponsor's Attorney

I, ....., acting as Attorney for The Board of Trustees of the University of Illinois (herein referred to as "Co-Sponsor") do hereby certify:

That I have examined the foregoing Second Amendment to Grant Agreement and the proceedings taken by the said Co-Sponsor relating thereto and find that the execution thereof by the Co-Sponsor has been duly authorized, and is in all respects due and proper and in accordance with the laws of the State of Illinois and further that, in my opinion said Second Amendment to Grant Agreement

constitutes a legal and binding obligation of the Co-Sponsor in accordance with the terms thereof.

Dated at ..... this ..... day of ....., 1969.

By.....

Title.....

The State of Illinois, Department of Aeronautics does hereby accept said Second Amendment and by such acceptance agrees to all of the terms and conditions thereof.

Executed this ..... day of ....., 1969.

STATE OF ILLINOIS  
DEPARTMENT OF AERONAUTICS

(Seal)

Attest..... By.....

Title..... Title.....

**Certificate of Co-Sponsor's Attorney**

I, ....., acting as Attorney for the State of Illinois, Department of Aeronautics, do hereby certify:

That I have examined the foregoing Second Amendment and proceedings taken by the State of Illinois, Department of Aeronautics relating thereto and find that the acceptance thereof by the State of Illinois, Department of Aeronautics has been duly authorized and that the execution thereof is in all respects due and proper and in accordance with the laws of the State of Illinois and further that, in my opinion, said Second Amendment constitutes a legal and binding obligation of the State of Illinois, Department of Aeronautics in accordance with the terms thereof.

Dated at ..... this ..... day of ....., 1969.

.....  
Title.....

*Now, Therefore, in consideration of the benefits to be derived therefrom, be it, and it is hereby resolved by The Board of Trustees of the University of Illinois, Champaign-Urbana, Illinois, as follows:*

1. That The Board of Trustees of the University of Illinois, Champaign-Urbana, Illinois, accepts, and it does hereby accept, the Second Amendment to the original Grant Agreement tendered to it by the Administrator of the Federal Aviation Administration, acting for and on behalf of the United States, in the words, figures and form as herein above set forth, to be duly executed in its name and for and in its behalf.
2. That to accomplish the foregoing, H. O. Farber, Comptroller, be and he is hereby authorized and directed to execute for and in behalf of The Board of Trustees of the University of Illinois, Champaign-Urbana, Illinois, the said Second Amendment to the Grant Agreement, and that Earl W. Porter, Secretary, be and he is hereby authorized and directed to attest said execution and to impress thereon the Official Seal of The Board of Trustees of the University of Illinois, Champaign-Urbana, Illinois.

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

**REVISION OF ORIGINAL STATEMENT OF POLICY PERTAINING  
TO PRIVATE OPERATION AT THE UNIVERSITY  
OF ILLINOIS-WILLARD AIRPORT**

(19) The Board of Trustees on January 18, 1961, adopted a statement of policy regarding private operation at the University of Illinois-Willard Airport. Paragraph two of this policy provided for the exclusive reservation to the University of all rights for the sale of aviation gasoline and oil, University Staff Air Trans-

port Service, flight instruction for University staff and students for which University credit is given, *and repair and storage* of aircraft and aircraft accessories, except those aircraft and aircraft accessories owned and operated by a fixed-base operator.

The Director of the Institute of Aviation is presently preparing to enter into negotiations with applicants for fixed-base operating rights at the University of Illinois-Willard Airport as provided in paragraph six of this same statement of policy. He has determined through two surveys of fixed-base operators (one conducted by an aircraft manufacturing concern and the second conducted by the Federal Aviation Administration) that 92 per cent of the airports with only one fixed-base operator grant the operator the privilege of *maintenance, repair and overhaul* of all types of aircraft, engines, instruments, and radio and electronic gear. He has further determined that the National Aviation Trades Association recommends that it be clearly and explicitly stated in the terms of the lease that the fixed-base operator has the *right to maintain, repair and overhaul* all types of aircraft, engines, and instruments. He believes, therefore, that the continued exclusive reservation to the University of all rights to "repair and storage of aircraft and aircraft accessories" will be detrimental to the best interest of the University in his negotiations with such applicants. He, therefore, recommends that paragraph two of the Board's policy be amended as follows:

2. It is the policy of the Board to abide by the obligations assumed by the University under its sponsors' agreements with the Federal Aviation Administration, including the provisions for qualified fixed-base operators to base upon and operate from the University of Illinois-Willard Airport upon payment to the University of reasonable charges and rentals for the privileges granted and the land or facilities provided by it to each such operator. Such operation shall be in accordance with the terms of the University's assurances under the Federal Airport Act, the regulations of the FAA, and any other pertinent legal rules, but with exclusive reservation to the University of all rights for the sale of aviation gasoline and oil, University Staff Air Transport Service, and flight instruction for University staff and students for which University credit is given.

The Vice President and Comptroller recommends acceptance of this revision to the original statement of policy adopted by the Board on January 18, 1961.

I concur.

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

#### **CHANGE IN AMOUNT OF WILLIAM BEAUMONT MEMORIAL AWARD**

(20) The Board of Trustees, on December 8, 1925, acted upon the following:

##### **Offer of a Prize by Dr. Frank Smithies**

(ii) Dr. Frank Smithies, whose offer of a prize for research in the diseases of the alimentary tract was laid before the Board at its October meeting, has written me renewing the offer in a somewhat different form. He writes:

"I wish to inform you that my offer of an annual award in memory of Beaumont still holds and that I am ready and willing to deposit with the proper University authorities a lump sum or securities sufficient to insure an annual income of at least one hundred dollars for the award in perpetuity."

I recommend that the Board accept the gift offered by Dr. Frank Smithies for the purpose indicated in his letter to me—namely to establish a prize of \$100 to be awarded annually to any member of the College of Medicine who submits during the year, the most useful piece of research on diseases of the alimentary tract.

On motion of Mr. Barr, this gift was accepted under the rules of the Board.

The Dean of the College of Medicine and the Chancellor at the Medical Center now recommend a change in the amount of this award from \$100 to be given annually to an award in the amount of \$500 to be given when sufficient income has accumulated to grant the award. It is also recommended that the President be authorized to make further adjustments within income.

The Executive Vice President and Provost and the Vice President and Comptroller recommend approval.  
I concur.

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

#### PURCHASES

(21) The President submitted, with his concurrence, a list of purchases recommended by the Directors of Purchases and the Vice President and Comptroller; also a purchase authorized by the President.

The list of purchases was presented in two categories: purchases from appropriated funds (i.e., from state appropriations to the University) and purchases from institutional funds. The latter term designates funds received by the University under contracts with the United States government, contracts with private corporations and other organizations, funds from foundation grants, and grants from corporations and other donors, and University revolving funds authorized by law.

The total amounts of these purchases were:

##### *From Appropriated Funds*

Recommended ..... \$212 015 05

##### *From Institutional Funds*

Authorized ..... \$ 14 150 00

Recommended ..... 599 839 93

*Total* ..... \$613 989 93

*Grand Total* ..... \$826 004 98

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

On motion of Mr. Steger, the purchase authorized by the President was approved, and the purchases recommended were authorized.

#### COMPTROLLER'S REPORT OF PURCHASES APPROVED

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

This report was received for record.

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

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

##### **Medical Center**

###### *New Contracts*

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
Illinois Regional Medical Program	Health care program for "The Valley"	\$ 71 400
Illinois Regional Medical Program	Development of an educational support resource	174 500
State of Illinois Department of Public Health	Effects of nitrates in drinking water on fetal and infant morbidity and mortality	20 987
United States Public Health Service HSM-42-69-18	Regional workshop on suicide prevention	8 900
<i>Total</i>		<u>\$ 275 787</u>

###### *Change Orders*

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
Illinois Regional Medical Program	Services of program coordinator for research and investigation	\$ 17 348

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
United States Atomic Energy Commission AT(11-1)-1601	Studies of mobilization of radioactive emitters from bone	\$ 26 000
United States Department of Health, Education, and Welfare Public Health Service PH 43-65-1031	Vaccines for immunization against viral respiratory infections	79 222
United States Navy N00014-67A-0422-0001	Environmental stresses on the secretion and me- tabolism of adrenocortical steroids	9 995
<i>Total</i>		<hr/> \$ 132 565

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>
Delta Piping Company	Heating, refrigeration and temperature control for General Hospital, Hospital Addition, and Neuro- psychiatric Institute	\$ 6 319
Fries Walters Company	General work—remodeling and construction: First unit Dentistry-Medicine-Pharmacy Build- ing, room 3	8 950
	First unit Dentistry-Medicine-Pharmacy Build- ing, room 536	5 535
Simpson Construction Company	General work—remodeling and construction: First unit Dentistry-Medicine-Pharmacy Build- ing, room 3	12 216
<i>Total</i>		<hr/> \$ 33 020

**Urbana-Champaign***New Contracts*

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
California Institute of Technology, Jet Propulsion Laboratory	Research study of thermal scale modeling with imperfect models	\$ 15 315
Dayton City School District, Dayton, Ohio	Follow-Through Program implementation	22 895
Dimmett Independent School District, Dimmett, Texas	Follow-Through Program implementation	18 124
East Las Vegas, New Mexico, City Schools	Follow-Through Program implementation	14 700
Flippin, Arkansas, Public Schools	Follow-Through Program implementation	7 830
Georgia Institute of Technology (sub-contract under Public Health Service contract A1-07230-04)	The biosynthesis of viomycin	15 846
Grand Rapids Public Schools	Follow-Through Program implementation	18 120
Racine Independent School District #1	Follow-Through Program implementation	7 340
State of Illinois Board of Vocational Education and Rehabilitation	Conducting Roving Leader training stations and evaluating the Roving Leader Training Guide	76 500
Sundstrand Aviation	Mechanics of noise generated in positive displace- ment pumps	14 994
Tennessee Valley Authority TV-32620 A	Stability and nature of residual fertilizer nitrogen in soil	14 400
Todd County Independent School District, Mission, South Dakota	Follow-Through Program implementation	14 715
United States Army:		
DAAF-03-69-C-0092	Dynamic response of helical compression springs	24 265
DAAG-11-68-C-1342	Collection and analysis of raindrop data (Panama Canal Zone)	26 000
DAAK-02-69-C-0628	Study of television display of topographical infor- mation	24 445
DAHC-20-69-C-0263	Conduct civil defense conferences and training courses and emergency operations simulations	49 863
United States Department of Commerce E22-116-69(N)	Acoustical sounding of the neutral atmosphere	10 989



<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
United States Department of Health, Education, and Welfare:		
National Institutes of Health:		
NIH-69-2135	Anti-luteinizing activity in follicular ovum	\$ 43 365
NIH-69-2164	Study of progesterone and estrogen levels and pregnancy	45 800
Office of Education:		
OEC-0-9-000071-4065(013)	Language and area study in Russia and Eastern Europe	76 200
OEC-0-9-000116-4348(013)	NDEA Language and Area Center for Asian Studies	38 000
OEG-0-8-522415-4332(100)	Follow-Through Program Model implementation	130 000
OEG-0-9-059152-3902(721)	Prospective teacher fellowship program — Latin	28 500
OEG-0-9-059159-3909(721)	Prospective teacher fellowship program — Mathematics	5 700
OEG-0-9-059203-3914(721)	Prospective teacher fellowship program — Music	25 300
OEG-0-9-070731-4393(010)	Internship for educational researchers and research related personnel	59 594
OEG-0-9-230204-3665(721)	Prospective teacher fellowship program — Educational Psychology	30 000
OEG-0-9-230328-068	Faculty research/study program abroad	40 433
OEG-0-9-230352-4114(010)	Experimental program in development of musical literacy among musically gifted children	99 712
OEG-0-9-231291-3404(031)	Development and evaluation of internship concept in preparing administrators and supervisors of special education	13 000
OEG-0-9-232175-4370(032)	Development and description of syntactic structure in the language of deaf children	100 400
United States Department of Justice	The mentally abnormal offender in Sweden: assessment of legal standards and procedures	6 250
NI-062		
United States Department of Labor	An organizational analysis of the hiring of engineers	10 644
91-15-69-51		
United States Office of of Economic Opportunity	Head start planned variation program in East St. Louis, Illinois and Tupelo, Mississippi	47 068
B99-4918		
West Iron County School District, Stambaugh, Michigan	Follow-Through Program implementation	6 301
Williamsburg County Schools, Williamsburg, South Carolina	Follow-Through Program implementation	20 674
<i>Total</i>		<hr/> \$1 203 282

*Change Orders*

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
Illinois Cooperative Highway Research Program:		
IHR-001	Determination of criteria for illumination of rural at-grade intersections for safer and more efficient operation	\$ 25 000
IHR-002	Cooperative research on highway problems	6 500
IHR-10	Prestressed reinforced concrete highway bridges	15 000
IHR-64	Behavior of welded highway structures	30 000
IHR-75	Basic properties of seal coats and surface treatments	5 500
IHR-84	Correlation of the University of Illinois pavement test with the AASHO road test	37 500
IHR-85	Dynamic stresses in highway bridges	32 000
IHR-91	Means for improving the durability of Portland Cement concrete	20 000
IHR-92	The control of cracking of concrete	7 500
IHR-93	Field investigation of prestressed reinforced concrete highway bridges	42 000
IHR-94	Materials development and utilization	7 000
IHR-202	Archaeological studies	6 000
IHR-401	Durability testing of stabilized materials	38 000
IHR-601	State of Illinois soils manual	30 000
Illinois Department of Conservation	Wildlife research studies	122 029

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
National Aeronautics and Space Administration: NGR-14-005-111	Relations between machine structure and syntactic relations of linguistic elements and the information bearing parameters displayed in time-domain speech signals	\$ 40 000
NSG-228	Experimental investigation of radiation effects in semiconductors including consideration of the formation and nature of defects in germanium and silicon	26 802
National Sand and Gravel Association	Site development problems related to sand and gravel pit operations re-use	6 500
Penn Central Transportation System	Development of a model to describe stresses in rail under a moving load to investigate rail shells	8 500
Penn Central Transportation System	Simulation model of ballast support and the modulus of track elasticity	8 000
United States Air Force: AF-33(615)-5248	Low density plasmas with gaseous lasers	55 300
AF-AFOSR-66-1147B	Gas laser studies in the 50 to 1000 micron range of the electromagnetic spectrum	60 000
AFOSR-68-1579	Research in optimization of control systems with uncertainties	34 433
AF-AFOSR-714-67	Interface and bulk phenomena in solid state science	132 645
United States Atomic Energy Commission AT(11-1)-1628	Studies on immunologic recognition and immunologic memory	44 020
United States Department of Defense DAHC-15-67-C-0221	Research in the science of materials (factors which influence the properties of materials and fundamental relationships which exist between composition and structure and the properties and behavior of materials)	4 884 000
United States Department of Health, Education, and Welfare: Office of Education: OEC-1-7-071213-4557	Acquisition of knowledge in relation to information storage and retrieval methods	181 000
OEC-3-7-070706-3118	Establish a national coordination center for the national laboratory in early childhood education	7 213
OEG-0-8-522415-4332(100)	Follow-Through Program model implementation	266 553
OEG-0-9-230462-2100(721)	Experienced teacher fellowship program early childhood	46 800
Public Health Service PH-86-67-206	Sampling and evaluation of coal mines in Illinois	73 595
United States Navy Nonr-3985(08)	Research on computer-aided teaching systems	177 080
<b>Total</b>		<b>\$6 476 470</b>

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>
Barber and DeAtley, Incorporated	General work — Allerton Main House	\$ 9 000
Dean Evans Company	General work cost-plus contract: Gregory Drive steam tunnel 1204 West Springfield Avenue	20 000 6 000
Reliable Plumbing and Heating Company	Piping work — Aeronautical Engineering Laboratory B	8 000
Remco Electrical Corporation	Electrical work cost-plus contract: Davenport House (South) 1204 West Springfield Avenue	5 300 5 200
<b>Total</b>		<b>\$ 53 500</b>

### Summary

Amount to be paid to the University:	
Medical Center.....	\$ 408 352
Urbana-Champaign.....	7 679 752
<b>Total.....</b>	<b>\$8 088 104</b>
Amount to be paid by the University:	
Medical Center.....	\$ 33 020
Urbana-Champaign.....	53 500
<b>Total.....</b>	<b>\$ 86 520</b>

This report was received for record.

**LEASE WITH HENDRICK DORMS, INC., CHAMPAIGN,  
FOR THE POLICE TRAINING INSTITUTE**

(24) The President of the University recommends that the Comptroller and the Secretary of the Board of Trustees be authorized to execute a lease for the second and third floors of Hendrick House at 904 West Green Street, Urbana, Illinois, to provide housing and meals for individuals attending courses offered by the Police Training Institute between September 16, 1969, and July 10, 1970.

Hendrick Dorms, Inc. will make available ninety-six spaces during the fall semester and one hundred spaces during the spring semester and summer and will arrange for bus service between Hendrick House and the University classrooms for the sum of \$85,107.

In addition, meals will be provided at the rate of \$19.40 per week per registrant. The cost of this contract will be recovered through charges to the registrants.

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

**DEGREES CONFERRED**

The Secretary presented for record the following list of degrees conferred on candidates at the Urbana-Champaign campus on August 11, 1969.

**Summary**

Graduate College	
Master of Arts.....	204
Master of Science.....	291
Master of Music.....	14
Master of Education.....	289
Master of Social Work.....	5
Master of Fine Arts.....	8
Master of Architecture.....	13
Master of Accounting Science.....	13
Master of Business Administration.....	5
Master of Commerce.....	2
Master of Extension Education.....	2
Master of Urban Planning.....	2
Advanced Certificate.....	34
Certificate of Advanced Study in Librarianship.....	2
<i>Total, Graduate College.....</i>	<i>(884)</i>
College of Agriculture	
Bachelor of Science.....	49
College of Engineering	
Bachelor of Science.....	47
College of Liberal Arts and Sciences	
Bachelor of Arts.....	121
Bachelor of Science.....	75
<i>Total, College of Liberal Arts and Sciences.....</i>	<i>(196)</i>
College of Law	
Juris Doctor.....	12
College of Education	
Bachelor of Science.....	33
College of Commerce and Business Administration	
Bachelor of Science.....	83
College of Communications	
Bachelor of Science.....	14
College of Fine and Applied Arts	
Bachelor of Architecture.....	4
Bachelor of Arts.....	1
Bachelor of Fine Arts.....	18
Bachelor of Music.....	2

Bachelor of Science.....	5
Bachelor of Urban Planning.....	3
<i>Total, College of Fine and Applied Arts.....</i>	<i>(33)</i>
College of Physical Education	
Bachelor of Science.....	14
<i>Total, Degree Conferred at the Urbana-Champaign Campus.....</i>	<i>1,365</i>

## GRADUATE COLLEGE

### Degree of Master of Arts

#### *In Anthropology*

RICHARD O. CLEMMER, B.A., University of California (Santa Barbara), 1967

#### *In Art Education*

MARY ANNE GLYNN BOIES, B.A., Southern Illinois University, 1965

JANE GAYLE CULLEY, B.F.A., 1964

HUBERT GEORGE GEAHIGAN, B.F.A., Philadelphia College of Art, 1964

CURLEY GENE GRAVES, B.F.A., Maryland Institute College of Art, 1965

JAMES F. KIRKPATRICK, B.S., Southeast Missouri State College, 1962

HOLLIS GLAZER LITROWNIK, B.A., University of California, 1967

JANET MARIE MILLS, B.S., Southern Illinois University, 1965

MARILYN JEAN QUELLO, B.A., St. Olaf College, 1967

SISTER JACQUELINE SHULER, B.A., Mercyhurst College, 1965

MARGARET JOANN WARFIELD, B.S., University of Maryland, 1966

#### *In Art History*

SHARON FRANCES PATTON, B.A., Roosevelt University, 1966

JUDITH HARRIS SANDLING, A.B., Roosevelt University, 1964

MURIEL SCHEINMAN, A.B., Brooklyn College, 1961

#### *In Comparative Literature*

MITCHELL STANLEY LUDWINSKI, A.B., A.M., 1964, 1966

#### *In Dance*

GEORGIA STEPHANIE BRUNNER LYNGE, A.B., 1965

#### *In Economics*

BARRY NEIL BRODY, B.A., Brooklyn College, 1954; M.A., Columbia University, 1958

DONALD COPELAND GUY, A.B., 1962

JOHN RICHARD HILL, B.A., Brigham Young University, 1967

RUSSELL OWEN JONES, B.A., Claremont Men's College, 1967

ALAN EUGENE PANKRATZ, B.A., Valparaiso University, 1966

RICHARD DAVIS STITELER, B.A., Pennsylvania State University, 1966

NORMAN CHARLES WALZER, B.S., Illinois State University, 1966

JAMES GILBERT WRONE, B.A., Southern Illinois University, 1964

#### *In Education*

GEOFFREY DRIVER, B.A., University of Nottingham, 1960

GEORGIA HELEN IDA HOLVERSON, B.S., 1964

HARVEY LAWRENCE THORNBURG, B.A., Western Washington State College, 1964

#### *In English*

JANE MURRAY ALEXANDER, A.B., Ohio University, 1966

THOMAS WILLIAM ARMSTRONG, B.A., DePauw University, 1968

ORLEEN MAMCHUR BAUGH, B.A., Michigan State University, 1965

WILLIAM THEODORE BRAMMEIER, A.B., McKendree College, 1960

LYNDA RUTH BYRD, B.A., Philander Smith College, 1969

PATRICIA GAIL DAVIS, B.A., Siena Heights College, 1963

KATHLEEN ELAINE FORRER, B.S., New Mexico Highlands University, 1968

ANNE LINNELL HIBBARD, A.B., Augustana College (Illinois), 1968

ROBERT ERNEST JARBOE, B.A., University of Maryland, 1968

ROBERT NELSON LIST, A.B., Grove City College, 1967

JOAN ELIZABETH LITTLE, B.A., Agnes Scott College, 1965  
DONALD JOSEPH MASTERSON, A.B., 1967  
CHARLES JOSEPH NOLAN, JR., B.S., St. Louis University, 1964  
RONALD RENE PRIMEAU, A.B., 1968  
DIANE ADRIANE TASCA, A.B., Temple University, 1968  
GEORGE WILLIAM WEST, JR., B.A., Southern Illinois University, 1966

*In French*

BETTI BUFORD BARROWS, B.A., Northern Illinois University, 1968  
ANNA-MARIE SCHUMACHER EIDSVIK, A.B., State University of South Dakota, 1964  
DANIEL STEVEN GROSS, B.A., University of Wisconsin, 1967  
SANDA ALCALAY GROSS, B.A., University of Wisconsin, 1967  
SHARON ELIZABETH MOSEL, B.A., Northern Illinois University, 1968  
DAVID JOSEPH PHELAN, B.A., College of Holy Cross, 1966  
LAURENCE HEATH TUTTLE, A.B., 1968  
EVELYNE MONIQUE WILLIAMSON, A.B., 1964

*In Geography*

DAVID GRAY ADAMS, A.B., 1968  
SHAREN EARLE KLOSTER, B.S., 1968

*In German*

RUTH VERONICA FIELD, B.A., Knox College, 1967  
RUDOLF ANTON HOFMEISTER, B.A., University of Iowa, 1967  
HILDA MARKOWSKI, A.B., Augustana College (Illinois), 1967

*In History*

GERALD PAUL BUNTON, B.A., Southeast Missouri State College, 1968  
LINDA CLAIRE CANTOR, B.A., Brooklyn College, 1968  
JANET DUTSMAN CORNELIUS, A.B., 1968  
LYNNETTE JANE HARROD, B.A., Eastern Illinois University, 1967  
ELIZABETH ANNE HONNET, A.B., 1968  
KAREN ANN KRIEGER, A.B., 1968  
VIRGINIA MARIE LIBERA, A.B., College of St. Francis (Illinois), 1956  
KIKUTO MATSUSHITA, B.A., Kagoshima University, 1956  
SEBASTIAN CHARLES JOSEPH NASLUND, B.S., St. Martin's College, 1964  
ARLEEN FRANCES SLIVE, A.B., 1967  
LESTER RAY SMITH, A.B., Olivet Nazarene College, 1967  
LYNN SCHROEDER SMITH, B.A., Valparaiso University, 1965  
BARBARA BERLIN WEXLER, A.B., 1968  
ROBERT JOHN WYNSTRA, A.B., 1968

*In Home Economics*

KATHARINE MILLER WHIELDON, B.A., San Jose State College, 1965  
JANE EMMA WIGHTMAN, A.B., University of Kentucky, 1967

*In Labor and Industrial Relations*

WILLIAM RAY BENSYL, A.B., 1967  
DAVID ALLAN GOLD, B.A., City University (New York), 1967  
FRANK GOLDBERG, B.A., City University (New York), 1967  
YOSAI HAYASHI, B.S., University of Tokyo, 1961  
JEANNE BRETT HERMAN, B.A., Southern Methodist University, 1967

*In Latin*

MARY ANNE DEPAUW, B.A., Rockford College, 1967  
KATHLEEN MARGARET ROBERTSON, B.A., College of St. Catherine, 1968  
PATRICIA JEANNE SHELTON, A.B., 1968  
WILLIAM AQUINAS TORCHIA, B.A., Niagara University, 1969

*In Linguistics*

JOSEPH NASRI NASR, A.B., Union College, 1964

*In Mathematics*

RONALD PAUL BENSEMA, B.S., Roosevelt University, 1963; M.S., 1965  
BRUCE JOHN CARROLL, B.S., Stevens Institute of Technology, 1968

ELLIOTT IVAN COBIN, B.A., Queens College, 1968  
 ROSE MARIE ENDRES, B.S., 1967  
 WILLIAM GUY LEIGHTY, JR., B.A., DePauw University, 1968  
 PATRICIA BROOKS PARSONS, B.S., Southern Connecticut State College, 1968  
 GEORGE DUNCAN POWELL, B.S., McGill University, 1968  
 JEAN ELAINE SCHWEITZER, B.A., Northwestern University, 1968  
 PHILIP EDWARD TRACY, A.B., University of Rochester, 1967  
 HARRIET IRENE VERMONT, A.B., Hunter College, 1968

*In Philosophy*

EUGENE DAVID BURGER, B.A., Beloit College, 1961; B.D., Yale University, 1964  
 HERBERT WILLIAM DAVENPORT, A.B., University of Houston, 1963  
 CRAIG ELLIOT TAYLOR, B.S., University of Utah, 1967  
 JOHN HOWARD THOMPSON, A.B., Wayne University, 1955

*In Political Science*

BARBARA MARIE BULLOCK, A.B., University of Kansas, 1961; M.S., 1963  
 ALBERT KOONDAKJIAN KARNIG, A.B., Augustana College (Illinois), 1968  
 JOSEPH ALAN MILLER, B.A., Michigan State University, 1967  
 MICHAEL LAWRENCE NAUTA, A.B., 1967  
 KEITH RICHARD PHELPS, A.B., 1968  
 MARY ANNETTE RYAN, B.S., St. Louis University, 1964  
 RONALD FORREST SMITH, B.A., North Central College, 1968  
 JAMES RALPH TILLING, B.S., Clarkson College of Technology, 1963  
 STUART ANSPACH UMPLEBY, A.B., B.S., 1967, 1967

*In Portuguese*

LEE ROY DONNELL, B.A., University of Oregon, 1962  
 JANET LOUISE LYLE, B.A., Miami University, 1968

*In Psychology*

PETER ALLYNN BATES, B.S., 1967  
 LAWRENCE JAMES CRABB, JR., B.S., Ursinus College, 1965  
 KATHLEEN ANNE MCCARTHY, A.B., Gonzaga University, 1967  
 JOANNE KATHRYN JOHNSON MEAD, B.A., Denison University, 1966  
 JOY WILLIAMS MOORE, B.A., Southern Methodist University, 1967  
 PHILIP GORDON NEY, M.D., University of British Columbia, 1960; Dipl.Psych., McGill University, 1965  
 ROSLYN ANN O'BRIEN, B.A., University of Melbourne, 1967  
 THOMAS DEAN TABER, B.S., 1965

*In Public Administration*

DONALD GLEN HANNA, A.B., Indiana University, 1959

*In Social Sciences*

BEVERLY KONIGSFORD HARVEY, B.S., 1962  
 BETTY ANN KORDICK, A.B., 1967  
 PATRICK GERARD LALLY, B.A., St. Mary of the Lake Seminary, 1955  
 GERALD LLOYD LASKY, A.B., Rutgers, The State University, 1960  
 KAREN KANADY MILLER, A.B., 1967  
 SISTER MARIE PATRICIA SPELMAN, B.A., Edgewood College, 1960

*In Sociology*

NIJOLE VAICAITIS BENOKRAITIS, A.B., Emmanuel College (Massachusetts), 1966  
 LAWRENCE CHARLES COOPER, A.B., University of Michigan, 1966  
 STEPHEN ELLIOTT DAVIS, A.B., 1965  
 JAMES PAUL DROWNS, B.S., Northwest Missouri State College, 1966  
 HELEN MARIA HOFMANN, Ph.B., Wayne State University, 1965  
 VENKATA KANISSETTI RAMANA, B.A., M.A., M.A., Andhra University, 1957, 1958, 1959  
 JEFFREY WILLIAM STONE, B.A., University of California (Irvine), 1967  
 GAIL RAE WISAN, A.B., Hunter College, 1966  
 STEVEN GRANT WOLF, A.B., 1964

*In Spanish*

ADELFO LEON ALDANA, B.A., Graceland College, 1965  
STEVEN NORMAN DWORKIN, B.A., Carleton University, 1968  
MARY ANNE EVERSON, B.A., Edgewood College, 1968  
DONNA JEAN FRITZ, B.S., Eastern Illinois University, 1966  
SUSAN ELLEN LEIBOWITZ, A.B., Cornell University, 1968  
FELIX SOTO MALDONADO, B.S., Bowling Green State University, 1955  
MARY WILKINSON MARROCCO, B.A., Northwestern University, 1964  
BARBARA EILEEN OLSON, A.B., Augustana College (Illinois), 1967

*In Speech*

SHARON ANNE ASHAMY, A.B., 1968  
LINDA KAY ASLAKSEN, B.S., Northern Illinois University, 1968  
CAROLYN JANE CASTLEBERRY, B.A., Texas Christian University, 1967  
ILENE RITA EISENBERG, A.B., Douglass College, 1968  
GRACE MARIE FINNERTY, A.B., Marywood College, 1968  
EVE SILVERSTEIN FISHER, A.B., University of Michigan, 1968  
ROSANNE GARGAN, B.S., Colorado State University, 1968  
THOMAS BERNARD HARTE, B.S., Southeast Missouri State College, 1965  
EVANGELINE ABALO HERNANDEZ, A.B., University of the Philippines, 1966  
STEPHANIE HIRSHENSON, B.S., 1968  
RICHARD THOMAS KEENAN, A.B., University of Michigan, 1961  
JUDITH MAE LENNERT, B.S., 1968  
MARY KAY LEUSBY, B.S., Northern Illinois University, 1968  
VIRGINIA MAIA LOZAR, A.B., 1965  
MICHAEL CHARLES MCCOY, B.A., Sacramento State College, 1968  
WAYNE THOMAS MORDEN, B.S., Indiana University, 1968  
CLARE ANN GLADYS PASKIET, A.B., 1967  
BARBARA ANNE PASTOREK, B.S., Northern Illinois University, 1968  
ANDREA ROSENBERG, B.S., Northern Illinois University, 1968  
ANNE JANICE SCALISE, B.S., 1968  
SISTER MARY AQUINAS DUCHENE, A.B., College of St. Francis (Illinois), 1961  
CAROLYN GENE STRODTZ, B.S., Northern Illinois University, 1966  
BARBARA KAY WEST, B.S., Southeast Missouri State College, 1968  
BONNIE GILBERT WINKELHAKE, B.S., Northwestern University, 1968  
GERALDINE ELIZABETH WROBLEWSKI, A.B., 1968

*In the Teaching of English*

DEBORAH LOU ALLEN, B.A., Principia College, 1968  
ELIZABETH BEAUBIEN COE, A.B., 1966  
SUSAN MARY HAASE, B.A., Northwestern University, 1965  
MARY VIVIAN TUREK, B.A., Carleton College, 1968  
MARILYN GOLDMAN WILKER, A.B., Mount Holyoke College, 1966

*In the Teaching of English as a Second Language*

CARMELITA LIM Y HUELVA CHAN, B.A., Providence College, 1966  
ANGELA BUSTOS KLEIMAN, Profesor de Ingles, Universidad de Chile, 1967  
JOHN PUCI, Dipl.Ped., Palacky University, 1961

*In the Teaching of French*

MAUREEN HALEY DOWLING, B.A., University of Denver, 1967  
ROSALIE ZUKROWSKI HACKLEMAN, A.B., 1967  
KENNETH DALE STRICKLER, JR., B.A., Florida State University, 1965

*In the Teaching of German*

DAVID GEORGE MIKLETON, B.A., Saint Mary's College (Minnesota), 1965

*In the Teaching of Social Studies*

FREDERICK LYNN DUBOIS, B.A., Harding College, 1968  
BETTY JEAN GARRETT, B.S., Kent State University, 1967  
LINDA FYE GRENOBLE, B.S., Pennsylvania State College (Lock Haven), 1967  
MARY ELLEN JENNINGS, B.S., University of Missouri, 1964  
JOHN ALEX KATSAROS, A.B., 1964

DOLLIE EVELYN KELLENBERGER, A.B., McKendree College, 1965  
 PHYLLIS FERNLUND MAXEY, A.B., 1967  
 ROBERT ALLEN METZGER, A.B., Lycoming College, 1964  
 MERRILL LLOYD PETTY, B.S., Eastern Illinois University, 1961  
 KATHERINE FLORENCE STELZER, A.B., Hanover College, 1962  
 WINIFRED ANN BERNI STORTZUM, B.S., Eastern Illinois University, 1968  
 SARAH MIZE SUTTON, B.A., Ottawa University, 1968  
 CAROLYN ELSIE WALL, A.B., Indiana University, 1965

*In the Teaching of Speech*

DONALD LEE GRIESEMER, B.S., M.S., Eastern Illinois University, 1953, 1957  
 JAMES SAMUEL LOWERS, B.S., Western Illinois University, 1962

*In Theatre*

ROBERT HUNTER BEISEL, B.S., Pennsylvania State College (Kutztown), 1965  
 SALLY ANN BERTON, B.A., Central State College, 1968  
 MARDEN LEE BLACKLEDGE, B.A., Otterbein College, 1961  
 SHARON SIEGEL EVANS, B.S., Northwestern University, 1967  
 GINA ROSE HOROWITZ, B.A., Harpur College, 1968  
 SHEILA MARGARET HUNTLEY, B.A., University of North Carolina (Greensboro), 1968  
 EUGENE NOAH MACKEY, B.A., University of Arkansas, 1968  
 SHERYL BRYANT MACKEY, B.A., University of Arkansas, 1968  
 DONALD THERON MIDDLETON, B.S., East Texas State University, 1968  
 TERRY DALE MOORE, B.S., 1967  
 ESTHER HARRIET SUNDELL, B.A., University of Vermont, 1967  
 ROYAL ARTHUR WARD, A.B., MacMurray College, 1968  
 SUSAN RAE WEISS, A.B., 1968

**Degree of Master of Science**

*In Advertising*

BRIAN HOWARD BRIDGE, A.B., Syracuse University, 1968  
 JAMES HUGH CARTER III, B.A., Texas Christian University, 1968  
 RONALD DOUGLAS COOPER, B.A., Texas Christian University, 1966  
 GARY RALPH GOTTSCHALK, B.B.A., University of Iowa, 1968  
 JEANNETTE MARY JOHNSON, B.S., Iowa State University, 1968  
 KENNETH WILLIAM KAHLE, B.S., 1968  
 MAL STUART KLUGMAN, A.B., 1967  
 RICHARD HARRIS LANSING, B.S., Bradley University, 1968  
 HIROAKI MANAKA, LL.B., Waseda University, 1966  
 KENNETH GERALD MANGUN, B.S., Southern Illinois University, 1963  
 JEFFREY STUART McCULLAGH, A.B., University of Michigan, 1968  
 RITA JOY OTTI, B.S., 1968  
 BURTON JOHN PIERCE, B.B.A., Loyola University of Los Angeles, 1963  
 PATRICIA ELIZABETH ROBERTUS, B.A., University of Minnesota, 1968  
 STEVEN LYNN SMITH, B.S., Millikin University, 1967  
 JAMES ROWE STOREY, A.B., Stanford University, 1968  
 JON DOUGLAS TATE, A.B.J., University of Georgia, 1967  
 JOHN MURRAY TAYLOR, B.S., University of Guelph, 1968  
 NOREEN GRACE THEEDE, B.A., Michigan State University, 1966  
 HELEN DELORIS VERNER, A.B., Knox College, 1959  
 JOHN VINCENT ZARUBA, B.F.A., 1968

*In Aeronautical and Astronautical Engineering*

CHARLES GARY HUGHES, B.S., 1967

*In Agricultural Economics*

SHIRLEY HO CHAO, B.S., National Taiwan University, 1967  
 JESSE MURRAY DOWELL, JR., B.S., 1949  
 PURUSHOTAM LAL WAHI, B.Sc.(Hons.) Ag. & A.H., Uttar Pradesh Agricultural University, 1965



*In Agricultural Education*

ROGER BLAINE ALLAMAN, B.S., 1966

EVAN YOUNG ALLEN, B.S., 1952

DONALD EDWARD HOBBS, B.S., 1961

JAMES LEE MARSHALL, B.S., 1966

*In Biology*

TIM ARTHUR COOLEY, B.S., 1968

THOMAS JOSEPH GUILFOYLE, B.S., Illinois State University, 1968

JAMES JEROME SQUIRES, B.A., Pennsylvania State University, 1967

*In Botany*

RAYMOND CHOLLET, A.B., Colgate University, 1968

CAROL RUTHER COLLIER, B.A., Coe College, 1968

*In Ceramic Engineering*

RICHARD EDWIN NOVAK, B.S., 1967

*In Chemical Engineering*

JOHN LEONARD ANDERSON, B.Ch.E., University of Delaware, 1967

GARY SAMUEL CHARLSON, B.S.Ch.E., University of Denver, 1967

HENRY HEINES, B.S., Massachusetts Institute of Technology, 1967

THEODORE HERMAN WEGNER, B.S., University of Wisconsin, 1967

*In Chemistry*

ROBERT FRANCIS FARNEY, B.S., University of Kansas, 1967

WILLIAM HOWARD HARNED, B.S., University of Wisconsin, 1966

BARBARA CAROL LEWIS, A.B., Randolph-Macon Woman's College, 1967

GEORGE FRANCIS MCKNIGHT, B.A., LaSalle College, 1962

ALAN ROSS MUIRHEAD, B.A., Carleton College, 1967

ROGER NASS, B.S., St. John's University, 1967

KENNETH LLOYD RATZLAFF, B.A., Tabor College, 1967

PATRICIA SUE WEISS, B.S., Western Illinois University, 1964

*In Civil Engineering*

BEJUN NUSSERWANJI ANKLESARIA, B.E., University of Karachi, 1967

JAMIL HUSSAIN BIABANI, B.E., Osmania University, 1967

FAR-CHUNG CHEN, B.E., Feng Chia College of Engineering and Business, 1965

ROGER HERBERT CRAVER, B.S., University of Missouri School of Mines and Metallurgy, 1963

VERNON JOHN EARDLEY, B.S., 1966

DAVIS WILLIAM ELLIS, B.S., University of South Carolina, 1950

GERALD MASON ELPHINSTONE, B.S., Arkansas State University, 1965

EDGAR ENRIQUE FEBRES CORDERO, Ing.Civ., University of the Andes, 1967

DAVID HENNING FLUHARTY, B.S., Indiana Technical College, 1961

EDWARD MICHAEL FRANK, B.S., 1968

DANIEL WILLIAM HALPIN, B.S., United States Military Academy, 1961

LEE-SHENG HSUEH, B.Sc., Chu Hai College, 1967

CLEMENT CHANG-YUN LEE, B.S.E., M.S.E., Taiwan Cheng Kung University, 1958, 1964

RICHARD HENRY LUBINA, B.S., 1964

MONTRI MANGKORNKANOK, B.E., Chulalongkorn University, 1968

GENARO TOLENTINO MARZAN, B.S., University of the Philippines, 1951; Dipl., University of London, 1954; B.S., International Training Centre for Aerial Survey, 1962

TERRY WAYNE MICHEAU, B.S., University of Pittsburgh, 1968

THOMAS CHARLES NEEL, B.S., University of Colorado, 1963

WILLIAM JAMES PANANOS, B.S., Massachusetts Institute of Technology, 1968

DONALD JAMES PHILBRICK, B.S., University of New Hampshire, 1958

OTIS LEE POTTER, B.S., University of Missouri (Rolla), 1967

JORGE ALBERTO RODRIGUEZ DERAS, Universidad de El Salvador

DEBASISH KUMAR ROY, B.Tech., Indian Institute of Technology, 1968

MICHAEL WILLIAM SHELTON, B.S., United States Military Academy, 1967

ANUCHIT SODSATHIT, B.E., Chulalongkorn University, 1964

MICHAEL BROWN STETSON, B.S., University of New Hampshire, 1968  
DONALD JAMES WAREHAM, B.A., David Lipscomb College, 1966  
ALAN ZIMMER, B.S., 1966

*In Computer Science*

NICOLE GENEVIEVE ALLEGRE, Lic., University of Toulouse, 1966; Dipl. d'Ling.,  
E.N.S.E.E.H.T., 1967  
HARTLEY AMES CHELIN, B.S., 1963  
RAPHAEL HOSTOVSKY, B.S., Technion, Israel Institute of Technology, 1966  
RAYMOND JONATHAN LERMIT, B.Sc., Victoria University of Wellington, 1966  
JOHN MICHAEL MULVEY, B.S., 1969

*In Dairy Science*

CAROLINE CHIA-LING CHAO, B.Sc., Taiwan Normal University, 1966

*In Economics*

GEORGE SHIH-TUNG YEN, B.A., National Taiwan University, 1966

*In Education*

KEITH IRVIN EARNEST, B.S., Wittenberg University, 1963  
JEAN ANN GAMMILL, B.S., 1968  
MARGARET EMMA PIJAN, B.S., M.D., Loyola University, 1938, 1942  
ADRIENNE GRAY TURBOW, B.S., 1965

*In Electrical Engineering*

PAUL GEORGE ALONAS, B.S., 1968  
EDWIN THAYER BARTLETT, JR., B.S., 1968; B.S., Western Illinois University, 1968  
DENNY RAY BENNER, B.S., 1951  
TIEN-REN RICHARD CHENG, B.Ed., Taiwan Normal University, 1958; M.S., Stout  
State University, 1963  
THOMAS DEVORE CLARK, B.S., 1968  
ALLEN RAY FRANCK, B.S., 1967  
ERNEST JOHN GARDNER, B.S., Virginia Polytechnic Institute, 1968  
FUAT INCE, B.S., Robert College, 1968  
STEPHEN ROBERT LAMBERT, B.S., 1969  
KENNETH RAY MADSEN, B.S., United States Air Force Academy, 1968  
HERBERT BRUCE MEINHEIT, B.S., 1967  
NATHERN BARRY PRIDDY, A.B., B.S., Columbia University, 1967, 1968  
KONG HUI PUA, B.S., 1967  
PAUL ADAM SNOPOKO, B.S., 1968  
WILLIAM CLAIR SPELMAN, B.S., 1968  
JOHN MARTIN STRUHAR, JR., B.E.E., Marquette University, 1968

*In Entomology*

LU-PING KAN, B.S., National Taiwan University, 1966

*In Finance*

PATRICK JOHN KELLEY, B.B.A., Loyola University (Illinois), 1965  
DAVID RAY KLOCK, B.S., Northeastern University, 1968  
PATRICK JOSEPH MCCANN, B.S., Xavier University, 1963  
STEPHEN ANTHONY PYHRR, B.S., 1966  
MICHAEL LAWRENCE RANIERI, B.S., 1966  
JAMES LEO STANKO, B.S., 1966  
MELVIN DEAN WILLIAMS, B.S., Millikin University, 1964

*In Food Science*

STEPHEN WALKER DREW, B.S., 1967

*In Forestry*

GARY LAVELLE ROLFE, B.S., 1968

*In Health Education*

COY DEAN GENTRY, B.S., Jackson State College, 1963  
SUSAN RUTH FEINSTEIN, B.S., Brooklyn College, 1968

BALBINA THECLA HOFFNER, B.S., State University of New York (Cortland), 1968  
 JON COLBY SWANSON, B.S., 1968

*In Home Economics*

SHU-JEN CHANG, B.S., National Taiwan University, 1966  
 VERNON LEE CLARK, B.S., Virginia State College, 1967; M.S., 1969  
 JOYCE YU CO, B.S.Nutr., Philippine Women's University, 1967  
 HAZEL MEREDITH COLEMAN, B.S., Mississippi Valley State College, 1961  
 SYDNEY SCHMOYER DICKSON, B.S., 1968  
 JANET CURRENS FRANKLIN, B.S., 1965  
 DORIS PAUL HUNTER, A.B., 1963  
 SARAH LOUISE JARVIS, B.S.Ed., Wheelock College, 1968  
 PATRICIA ANN JOHNSTON, B.S., 1968  
 RUBALEE MYERS MORRIS, B.S., Olivet Nazarene College, 1968  
 KAY ELLEN SCHOENBECK, B.S., University of Missouri, 1967  
 NORMA ANN STRUBE, B.S., 1961  
 PHYLLIS MEINERS YOUNGBERG, B.S., Illinois State University, 1964

*In Horticulture*

CHANG-YUNG KATHARINE YANG, B.S.Ag., National Taiwan University, 1966

*In Journalism*

MARY FORD AHLBERG, A.B., 1968  
 HAZO WILLIAM CARTER, JR., B.S., Tennessee Agricultural and Industrial State University, 1968  
 GLENNA GAIL CROTTIS, B.A., Baylor University, 1968

*In Library Science*

ELAINE McCLAY ALBRIGHT, B.A., University of Maine, 1968  
 JOHN BURTON ALBRIGHT, B.A., Yale University, 1967  
 JUNE EILEEN BENTE, A.B., Temple University, 1965  
 SANDRA LEE BROWN, B.S., Eastern Michigan University, 1964  
 DOROTHY COWPERTHWAIT COFFMAN, A.B., San Jose State College, 1944  
 LYNN BROTHERTON DANIEL, B.A., Washington State University, 1966  
 JANICE KAYE EIFLING, B.A., Hendrix College, 1968  
 KARLYN KETTELKAMP FOULK, B.S., 1957  
 WILLERMA FRAZIER, B.S.E., South Carolina State College, 1968  
 JUDITH ANN GANSON, B.A., Purdue University, 1968  
 STANLEY EUGENE HICKS, B.A., Phillips University, 1968  
 KATHLEEN GRAY HUME, B.A., New Mexico State University, 1966  
 MICHELE AILEEN HUNTLEY, B.S., Drake University, 1966  
 ELIZABETH ANN HUNTOON, A.B., 1968  
 CAROL MARIE KELLEY, B.A., East Texas University, 1967  
 GÉZA ATTILA KÓSA, B.A., University of Melbourne, 1964; Dipl., University of New South Wales, 1965  
 PATSY McGLAMERY LOBDELL, B.S., University of Arizona, 1954  
 RUTH THOMAS LOGAN, B.S., Jackson College, 1946  
 ROBERTA JANE LOTT, B.S., Wisconsin State University, 1968  
 MERLE ERICH MAGNUS, B.S., Eastern Illinois University, 1958  
 ANN EMILY MILLER, B.A., University of Oklahoma, 1968  
 EVELYN MAE MOYLE, B.S., M.S., Northern Illinois University, 1951, 1954; Adv.cert., 1963  
 LAURA FRANCES MUELLER, B.A., Elmhurst College, 1968  
 MARY ANDERSON MUSGRAVE, B.S., Eastern Illinois University, 1965  
 ALICE ARMINTA NEVILLE, B.A., Graceland College, 1963  
 DELORIS MARIE PANKEY, B.S., Eastern Illinois University, 1950  
 CECILE CLAUDETTE QUINTAL, A.B., Anna Maria College, 1961  
 CATHERINE ROSEMARY ROMANO, B.S., University of Wisconsin, 1966  
 ROCHELLE SAGER, A.B., 1966  
 KATHRYN WEST SCARICH, B.A., University of California (Davis), 1968  
 VONDRA RAE SHAW, A.B., University of Nebraska, 1968  
 SANDRA LEE STALEY, B.S., Eastern Illinois University, 1963  
 ROBERT DANIEL THOMAS, SR., B.S., Eastern Illinois University, 1965  
 MARY WELCH THORNTON, B.S., Southeast Missouri State College, 1961

- IVANKA MEJZR UHLHORN, A.B., A.M., 1965, 1967  
JULIANA ELLEN VAN BERG, B.A., Cornell College (Iowa), 1968  
CARL WILLIAM VOLKMANN, A.B., Wartburg College, 1955  
EUNICE HOVIS WEECH, B.S., Appalachian State University, 1964  
JOHN VICTOR WESTENDORF, A.B., Quincy College, 1953; M.S., Cornell University, 1958  
GENEVIEVE AGNES WILCOX, B.A., Marycrest College, 1965

*In Marketing*

- ALEXANDER BERNDT, Bach.Cien.Econ., Universidade de São Paulo, 1965  
MICHAEL JAMES HOUSTON, B.S., 1968

*In Mathematics*

- PATRICIA BERTRAM BRUMMET, B.S., 1967  
THOMAS EUGENE DUCHAMP, B.S., 1969  
RICHARD KEENE ELLESTAD, B.S., University of North Carolina (Chapel Hill), 1968  
RALPH GEORGE HANSEN, B.S., Northern Illinois University, 1968  
DONALD ALAN HANSON, B.S., 1969  
BRIAN HIRO ITAGAKI, B.A., University of Hawaii, 1968  
PAUL DEAN RIECHERS, B.S., Wisconsin State University (Platteville), 1960  
DIANNA KAY RUSSELL, B.S., Indiana University (Pennsylvania), 1968  
CAMILLE ANTOINETTE WANAT, B.S., Loyola University, 1968

*In Mechanical Engineering*

- ALONZO BENTON COCHRAN, B.S., 1968  
PAUL EDWARD FUNK, B.S., Evansville College, 1967  
JOSE LUIS GUERRERO, Ing.M.E., La Universidad Nacional Autonoma de Mexico, 1966  
JAMES NATHAN SCHREIBER, B.M.E., Ohio State University, 1959  
JOHN TAYLOR SHAFFER, B.S., 1967  
JERROLD HENRY STRECKERT, B.A., Valparaiso University, 1967

*In Metallurgical Engineering*

- THOMAS PAUL DARBY, B.S., Carnegie Institute of Technology, 1967  
MICHAEL JAMES FIENE, B.S., 1968  
JOSE ANTONIO ISASI-DIAZ, B.S., 1966

*In Microbiology*

- GERALD WALTER HALVORSON, B.S., Minot State College, 1958  
SUE LEEDS HENSLEY, B.S., University of Tennessee (Martin), 1968  
DANIEL LOUIS KACIAN, A.B., Case Western Reserve University, 1967  
MARGERY SCHROEDER MOOCK, B.A., Vanderbilt University, 1968  
RICHARD JEFFREY SCHANLER, B.A., State University of New York (Binghamton), 1968  
JEFFREY LEE WINKELHAKE, B.S., 1967

*In Mining Engineering*

- ASOK KUMAR GHOSH, B.E., University of Calcutta, 1965

*In Music Education*

- CAROLYN BROCK-JONES ANDERSON, B.S., 1968  
JAMES DANIEL BEEBE, B.Mus.Ed., Illinois Wesleyan University, 1962  
LINDEN ALTON BOGGS, B.S., Ball State University, 1964  
BILLY JAY CLARKE, B.F.A., University of Florida, 1962  
JEAN KORANDA DRENDEL, B.Mus., Cornell College, 1966  
PAUL LANE DUMSER, B.Mus.Ed., North Texas State University, 1964  
MARVELA JUNE HAGGARD, A.B., Moorehead State College, 1965  
ALEXANDRIA JOCELYN HOLLOWAY, B.M.E., Jackson State College, 1968  
JOANN LEE JORGENSEN, B.S., Augustana College (South Dakota), 1968  
NINA CLAUDETTE JONES, B.M., Roosevelt University, 1968  
BYRON FORREST KAUFFMAN, B.A., Goshen College, 1960  
NANCY ANNE KUDLAWIEC, B.S., 1965  
CHERYL ANN LANE, Mus.B., Boston University, 1966  
ALBERT HENRY LEBLANC, JR., B.M.Ed., Louisiana State University, 1965

DOUGLAS CHRISTIAN LEMMON, B.S., 1968  
JEAN ENGELMEYER MCKINNEY, B.S., Quincy College, 1962  
JOHN JOSEPH MONAGHAN, B.A., North Texas State University, 1967  
EUGENE ARNOLD MUDRA, B.Mus.Ed., Illinois Wesleyan University, 1967  
CANDYCE MARIE PATTERSON, B.Mus., University of Michigan, 1966  
GROVER ALLEN PETERSON, B.S., Valley City State College, 1965  
LINDA KING ROBINSON, B.Mus.Ed., Illinois Wesleyan University, 1964  
TERRY KIPTON RODERICK, B.S., Illinois State University, 1966  
RITA ANN ECKERT SCANAVINO, B.Mus.Ed., Millikin University, 1965  
SISTER ANNAROSE YAKSTAS, B.Mus., DePaul University, 1960  
DAVID DARRELL SPORNY, B.S., 1966  
RITA SAUERBIER WISE, B.S., Illinois State University, 1964  
RAYMOND LOWELL YOUNGER, B.S., 1968

*In Nuclear Engineering*

ARTHUR COLIN CHOMACKE, B.S., Illinois Institute of Technology, 1964  
LARRY HARLET COOTS, B.S., Murray State University, 1968  
RAYMOND GRAHAM McDOWALL, JR., B.S., United States Military Academy, 1962  
BARBARA ANNE McLAUGHLIN, A.B., Immaculata College, 1966  
RICHARD JOHN PRUSKI, B.S., 1968

*In Physical Education*

JANE ELLEN BABKA, B.S., 1968  
HARRY T. BERTHOLDT, B.A., University of California (Davis), 1964  
LARRY EUGENE FOSTER, B.S., University of Nebraska, 1968

*In Physics*

JEAN-PIERRE PATRICK AURENCHÉ, Dipl.Ing., Ecole Centrale des Arts et Manufactures, 1968  
DANIEL FREDERICK COOPE, B.S.E., University of Michigan, 1967  
GENE MARTIN FEIERSTEIN, B.S., Pratt Institute, 1968  
NICHOLAS ALLEN HALASA, B.S., St. Joseph's College, 1968  
THEODORE MARION LACH, B.S., 1968  
EDWARD MITCHELL MCCARTHY, B.S., University of Washington, 1968  
RALPH STEPHEN MUELLER, B.S.E.E., M.S., D.Sc., Washington University, 1962, 1964, 1967  
ROBERT JOHN MUELLER, B.S., 1968  
JACK HOWARD SCHOLL, B.S., 1968  
KENNETH GILBERT VALENTINE, B.S., Michigan State University, 1967

*In Physiology*

PAUL THOMAS OWENS, B.S., Loyola University (Illinois), 1965  
DAVID ALTON WISEMAN, B.S., Valparaiso University, 1967

*In Plant Pathology*

GERALD LLOYD BORN, B.A., Millikin University, 1967  
WILLIAM AUGUST MEYER, B.S., 1968

*In Radio and Television*

DORRIT SUE COX, B.A., Arizona State University, 1967  
WILLIAM DEVINE III, B.A., University of Maine, 1968  
JOSE VALENTIN FUENTECILLA, A.B., Ateneo de Manila, 1958  
EDWARD HOLDEN MORGAN, JR., A.B., Rutgers, The State University, 1964  
HARRY LOUIS RUBIN, A.B., University of Michigan, 1967

*In Recreation*

ERIKA MARGARET AHRENS, A.B., Hope College, 1958  
ANTHONY THOMAS DiCELLO, B.S., Wisconsin State College (La Crosse), 1965  
LAURA JARVIS, B.S., 1968  
JAMES HERBERT POTTER, B.S., Wisconsin State University, 1965  
DENNIS JAMES SPARACINO, B.A., San Jose State College, 1968  
JO ALBERTS WITT, B.S., 1968

*In Sanitary Engineering*

JOHN EDWARD CONNELL, B.S., 1965

ROBERT GEORGE VALLIS, B.S., Marquette University, 1964

*In Speech Correction*

RANDALL CHESTER BEATTIE, B.S., Northern Illinois University, 1967

DOLORES BERRY HILL, B.S., Eastern Illinois University, 1959

EVELYN SUZANNE WHITE, B.S., Eastern Illinois University, 1960

SUSANNE BERNADETTE YOHNKA, B.S., Northern Illinois University, 1968

*In Statistics*

ALEXANDER EUGENE DAVIDOFF, B.A., Johns Hopkins University, 1967

*In the Teaching of Biological Sciences and General Science*

RICHARD ALLEN BLAZIER, B.S., 1967

DENNIS DARWIN DAVIS, B.S., Western Illinois University, 1966

*In the Teaching of Mathematics*

NOLAN NORTON CARLISLE, B.A., Southern Illinois University, 1965

JORY IVES CHELIN, B.S., 1966

ESTHER LOUISE KEEFAUVER, B.S., Western Illinois University, 1961

JOHN KENDALL LOVE, B.S., Illinois State University, 1966

MARGARET MARY MCSHANE, B.A., Rosary College, 1968

JANETTE ANN MYERS, A.B., Olivet Nazarene College, 1968

JOHN IRVING SPOONAMORE, B.S., Eastern Illinois University, 1961

JUDITH RUPP WERNECKE, B.S., 1965

KAREN MARIE YANCY, B.S., Indiana University (Pennsylvania), 1968

*In the Teaching of Physical Education*

DONALD CLAYTON LEARMAN, B.S., Niagara University, 1965

ELMER LEWIS PLEW, JR., B.S., 1955

LINDA ALICE THUNBERG, B.S., Indiana University, 1966

*In Theoretical and Applied Mechanics*

MICHAEL NORMAN CANTWELL, B.S., 1968

JAMES EDWARD FREED, B.S., 1967

GEORGE CHARLES HOFF, B.S., 1961

JOHN FRANCIS MARTIN, B.M.E., Marquette University, 1965

STEVEN JAN STADNICK, B.S., 1968

RICHARD KEITH TAYLOR, B.S., University of Missouri (Rolla), 1960

*In Veterinary Medical Science*

DOUGLAS RAY STUTZ, A.B., 1959

*In Zoology*

JAMES EDWARD BRECK, A.B., Augustana College (Illinois), 1968

CLARA CATHERINE HUHEEY, B.S., University of Cincinnati, 1967

IAN STUART ZAGON, B.S., University of Wisconsin, 1965

**Degree of Master of Music**

BARRY ALFRED BROSCHE, B.Mus., Kent State University, 1968

GILLIAN ANNE BUNSHAFT, B.A., Bryn Mawr College, 1965

MARILYN JOY PETERSON COLES, B.M., St. Olaf College, 1967

WARREN JAY DARCY, Mus.B., Oberlin College, 1968

DENNIS JAMES EBERHARD, B.M., Kent State University, 1967

FRED LEE HANZELIN, B.S., Northern Illinois University, 1964

JACQUES LEROI LINDER, B.M.Ed., Evansville College, 1967

CHARLES BENJAMIN MADDEN, JR., B.A., M.A., Brigham Young University, 1964, 1968

TERRI ALTON MEANS, B.Mus., Illinois Wesleyan University, 1966; M.S., 1968

ROBERTA PEMBLE POELLEIN, B.M., Stetson University, 1954

JANE NEWTON SALADIN, B.Mus.Ed., Florida State University, 1963

DAVID HENRY SARGENT, B.A., M.A., Brigham Young University, 1966, 1968  
JOSEPH ANDREW SEKON, B.A., Kent State University, 1968  
SARAH YOUNG SPEARS, B.Mus., 1968

### Degree of Master of Education

BARBARA RUTH JONES ABBOTT, B.S., Illinois State University, 1948  
KENDRA LEE ADAMS, B.A., Principia College, 1965  
WILLIAM STERLING ADAMS, B.S., Western Illinois University, 1962  
GERALD GEORGE AFFELT, B.S., Xavier University, 1964  
JANE LOUISE KELLER AKERMAN, B.S., Southern Illinois University, 1963  
CARL MICHAEL ALBANO, B.S., Southern Illinois University, 1961  
RICHARD ROSS ALEXANDER, B.S., Western Illinois University, 1967  
THOMAS HARLAN ALEXANDER, B.S., 1957  
CECELIA TILLMAN ALTIZER, B.A., Culver-Stockton College, 1948  
BRUCE EDWARD ANDERSEN, B.S., Northern Illinois University, 1966  
MILDRED FLETCHER ANDERSON, B.S., 1965  
KATHERINE PARSLEY ANDERT, B.S., 1963  
GENEVIEVE DELONG ANTONACCI, B.S., Illinois State University, 1965  
BELLSMEIRE LAFOND ARSENEAU, B.Ed., Pestalozzi Froebel Teachers College, 1964  
JOANNE MARIE AUSSEM, A.B., St. Xavier, 1964  
MICHAEL EDWARD BABKA, B.S., 1968  
DEAN NOËL BAKER, SR., B.S., Eastern Illinois University, 1955  
ELLEN LOUISE BARNETT, A.B., University of Cincinnati, 1968  
DANIEL BARTKO, B.A., Hamline University, 1952  
ANN SMITH BAUGHMAN, B.S., Iowa State College, 1964  
RITA ANNE BEHM, B.A., Salve Regina College, 1964  
JUDITH DELLA BENGTON, B.A., North Park College, 1964  
GRACE WRIGHT BENNETT, B.S., 1962  
HELEN RAE BENNETT, B.S., Olivet Nazarene College, 1964  
MARCIA MESSMAN BERNHARD, A.B., 1963  
ANNA MARIE MIARS BEZDEK, B.S., Northern Illinois University, 1967  
TRUDY DIANE BLACKWOOD, B.S., California State College, 1968  
HENRY LAWRENCE BLIM, JR., Ph.B., DePaul University, 1957  
JOY BARTSCH BLOODWORTH, B.S., 1964  
REBECCA DELORES BOCK, B.S., 1968  
AUGUST HERBERT BOEHM, JR., B.S., Illinois State University, 1966  
NANCY DEROCKER BOEHM, B.S., Illinois State University, 1964  
DONNA HERBST BOHRNELL, B.S., Bradley University, 1963  
DANIEL JOE BOLIN, B.S., Eastern Illinois University, 1960  
EDWARD HAMILTON BON DURANT, B.S., 1961  
WILMA ROBINSON BONO, B.S., Southern Illinois University, 1965  
MARY KELLY BOSSOM, B.S., Lewis College, 1962  
BARBARA BUERKLE BRADLEY, A.B., 1967  
ADA JOHNSON BROWN, B.S., University of Delaware, 1942  
DONALD LEE BROWN, B.A., Grand Canyon College, 1961  
DOROTHY SMITH BROWN, B.A., Mount Union College, 1946; A.M., Brown University, 1948  
SAUNDRA LEE BROWN, B.S., Culver-Stockton College, 1962  
THOMAS EDWARD BRYANT, B.S., Southern Illinois University, 1966  
RONALD EUGENE BUTLER, B.S., Eastern Illinois University, 1963  
GAIL FENNELL CAMPBELL, B.S., Miami University, 1964  
LEON JUNIOR CARRICO, B.S., Illinois State University, 1961  
SHARON LYNNE CARUTHERS, B.S., University of Missouri, 1963  
DICK LIONAS CAST, B.S., 1962  
CALVIN LEE CATURIA, B.S., Wisconsin State University, 1965  
CATHERINE HUIE CHIN, B.S., City University (New York), 1968  
WILLIAM DAVIS CINNAMON, B.S., 1956  
CAROLYN ANN CLARK, B.S., 1968  
JERRY ROY CLEMENS, B.S., Southern Illinois University, 1965  
BARBARA LOUISE COADY, B.S., Illinois State University, 1966  
LARRY EUGENE COLLINS, A.B., Olivet Nazarene College, 1966  
FAITH LENORE CRISSEY, B.S., 1968  
BARBARA SWEET CROSBY, B.S., Carthage College, 1960

- WILLIAM RONALD CROUCH, B.S., Western Illinois University, 1966  
JERRY DUANE CRUMP, B.S., Illinois State University, 1965  
ELEANOR ANN DANIEL, A.B., M.A., Lincoln Christian College, 1962, 1965  
CLARENCE WALLACE DAUGHERITY, B.S., 1939  
JEROME EDWARD DEBRUIN, B.S., Wisconsin State University (Stevens Point), 1966  
SAMUEL CHARLES DEFALCO, B.A., 1968  
RICHARD JOHN DITTLE, B.S., Illinois State University, 1964  
NICOLE PATRICIA DONNELL, B.A., University of Oregon, 1961  
TERRE LYNN DORWARD, A.B., MacMurray College, 1966  
IRVING WILLIAM DOUCET, B.S., Illinois Institute of Technology, 1957  
MARJORIE MAE JONES DUPREE, B.S., Tennessee Agricultural and Industrial State University, 1963  
RALPH ALBERT EBEL, B.S., New York University, 1935  
KATHERINE EHLERS, B.A., Marycrest College, 1965  
JAMES LOUIS ELDRIDGE, B.S., 1964  
CAROL DAWN ENGLE, B.S., Ohio State University, 1968  
PHYLLIS HERBISON ERICKSON, B.S., North Dakota State University, 1953  
NANCY WALCH ESCHER, B.S., 1966  
ANN MESSMAN ETCHISON, B.S., 1966  
CONSTANCE ANDERSON ETTER, B.S., 1964  
BARBARA MARIE FALK, B.S., St. Francis College (Pennsylvania), 1962  
TONI BROOKS FAUST, B.A., Eureka College, 1968  
MARY LOISE FILBEY, B.S., Northwestern University, 1941  
JAN HOWARD FINDER, B.S., Roosevelt University, 1961; M.S., University of Chicago, 1964  
GERALD GEORGE FISCHER, B.S., 1962  
JOHN JOSEPH FLATTERY, B.A., Pontifical College Josephinum, 1951  
ALAN HARTLEY FOX, B.S., Southern Illinois University, 1965  
GEORGE FREDERICK FRANKE, B.S., Southern Illinois University, 1963  
BETTY FISHER FRENCH, B.A., Mundelein College, 1952  
MARION RONALD FUCHS, B.S., Oklahoma State University, 1965  
ANTOINETTE MARIE FYANS, B.A., Millikin University, 1966  
BARBARA ANN GALL, B.A., Hood College, 1966  
RONDA SUE GARRISON, A.B., University of Kentucky, 1963  
OLLIE VIRGIL GENTRY, B.S., Jackson State College, 1965  
JO LUCILE CHASE GIBSON, B.S.Ed., Eastern Illinois University, 1964  
RONALD RAY GIBSON, B.A., North Central College, 1966  
MILTON CARROLL GILBERT, B.S., Illinois State University, 1953  
GERALD WINSTON GLADDEN, B.S., 1967  
CAROLYNN REVEL GLUECK, A.B., 1968  
MABEL HARBISON GOFORTH, B.Ed., Southern Illinois University, 1940  
BETTE FRANCES GREEN, B.S., Eastern Illinois University, 1964  
ROBERT GRAHAM GREEN, B.S., Southern Illinois University, 1961  
VIRGIL BYRON GREGG, B.S., 1964  
JOHN ANDREW GREMER, B.S., 1961  
LOIS ROSALIE GRIESEMER, B.S., Southern Illinois University, 1963  
ANNA JUSTICE GRIFFIN, B.S., Greenville College, 1954  
MABEL CURTIS GUERDON, B.S., Southern Illinois University, 1962  
VALERIE ELIZABETH GUSHEN, A.B., Syracuse University, 1968  
DALE ROBERT GUSTAFSON, B.Ed., Chicago State College, 1958  
ARTHUR WILLIAM HAGENER, B.S., Western Illinois University, 1961  
REBECCA HUDDLESTON HAGNESS, B.S., Carroll College, 1961  
KAREN SUE HALL, B.A., Illinois State University, 1966  
BARBARA HARRIS HANCOCK, A.B., Stowe Teachers College, 1953  
KAREN TUGGLE HANNEN, A.B., 1966  
SHIRLEY ANN HARMS, B.S., Illinois State University, 1965  
CARL DUANE HART, B.S., Illinois State University, 1965  
DONNA CHRISTENSEN HATHAWAY, B.A., Fort Lewis College, 1965  
DAVID LEE HAWLEY, A.B., McKendree College, 1963  
BARBARA GARTNER HAYSKAR, B.S., 1968  
RALPH HENRY HEBERT, B.S.C., M.A., Spring Hill College, 1956, 1957  
EVALYNE JEAN HELPER, B.S., 1953  
CATHERINE MARIE HENDRICKSON, B.S., Illinois State University, 1964



JULIA ETTA HENRICH, B.S., Eastern Illinois University, 1965  
BENJAMIN ALEXANDER HENRY, JR., B.S., 1959  
BEVERLY ANN HILTABIDLE, B.S., 1968  
SUE ANN HITTLE, B.S., Illinois State University, 1957  
RONALD BENNETT HOEKSTRA, B.S., 1965  
EUGENE ARTHUR HOFFMAN, B.S., 1968  
DRUSILLA BOLSEN HOLLINGSWORTH, B.S., Illinois State University, 1962  
SUSAN LEE HOLMSLEY, B.A., University of Texas, 1968  
PHILIP LEROY HOPKINS, B.S., Illinois State University, 1964  
MARILYN WILLIAMS HUNTER, B.S., 1943  
MARY SMITH HUNTOON, B.S., Western Illinois University, 1956  
ERIKA ROSEMARY IDZELIS, B.S., Illinois State University, 1965  
DONALD RALPH JENKINS, B.S., 1964  
B'ANN MILLER JOHNSON, B.S., 1965  
ODELL JOHNSON, B.A., Harris Teachers College, 1965  
LAWRENCE MELVIN JONES, B.S., Southern Illinois University, 1962  
FRANCES REEVES KALLEMBACH, B.S., Illinois State University, 1953  
HARLENE HOPE KALLICK, B.S., 1964  
WILLIAM RICHARD KAUFMANN, B.S., Washington University, 1957  
MARILYN FREY KAY, B.S., Goshen College, 1957  
PHYLLIS MARSHA KENSUR, B.S., 1967  
BARBARA GRACE KLASING, A.B., College of St. Francis (Illinois), 1964  
EDWARD GEORGE KMOCH, B.A., North Central College, 1953; M.S., Illinois Wesleyan University, 1965  
RACHEL SLAUGHTER KOHNKE, A.B., 1967  
MARY CATHERINE KOWALSKI, B.S., Illinois State University, 1965  
LUCY KREIDICH, A.B., 1964  
CLAUDIA JEAN KUSEK, B.A., Mundelein College, 1966  
KENNETH BRUCE KYLE, B.S., Illinois State University, 1960  
VIRGINIA ANN LANSFORD, B.S., 1965  
MICHAEL DENNIS LAUGHLIN, B.S., Southern Illinois University, 1965  
CHARLES ROY LAWSON, B.S., 1965  
GLADYS CLEMENS LEAL, A.B., 1961  
EVELYN MARIE LONG, B.S., 1940  
JOHN EDWARD LONG, B.S., University of Kansas, 1963  
RICHARD THOMAS LONG, B.S., 1960  
GLEN EUGENE LOSE, B.S., Northwestern University, 1957  
MARY LOU LUMSDEN, B.S., Eastern Illinois University, 1963  
ROBERT GERALD LYMAN, B.A., Lewis College of Science and Technology, 1956  
GERALDINE KNIGHT MANAHAN, A.B., 1955  
MARY KRISTINE MANGOLD, B.S., University of Southern Mississippi, 1968  
SUSAN JOSEPHINE MARSTON, B.S., Gorham State Teachers College, 1966  
ELIZABETH ALICE MAUCHEL, B.Ed., B.A.Sc., University of Saskatchewan, 1948, 1951  
GERALD WAYNE MAYBERRY, B.S., 1966  
LOUIS MAZE, B.S.E.E., Illinois Institute of Technology, 1941  
PATRICIA ANN MCALEER, B.S., 1954  
PAUL JOSEPH MCCLELLAND, JR., B.A., Culver-Stockton College, 1965  
ROLAN TOMMY McMILLAN, B.S., Eastern Illinois University, 1959  
JO ANN BAYSINGER McNEIL, A.B., 1948  
JOSEPH BERNARD MEANS, B.S., Olivet Nazarene College, 1964  
LARRY GENE MELHOUSE, B.S., 1963  
PATRICIA MARIE MELLER, B.S., 1965  
SHIRLEY ALICE MILLER, B.S., Missouri Valley College, 1968  
PAUL STANLEY MILLIKIN II, B.S., 1965  
CHARLES WESLEY MITCHELL, JR., B.S., 1965  
MERVIN LLOYD MIXER, B.S., 1959  
LILLIE ANN MIXON, B.S., LeMoyne College, 1963  
DANIEL BAMMAN MOREHEAD, B.S., Iowa State University, 1957  
JOYCE PAULS MORGAN, B.S., University of Kansas, 1965  
MARY MANN MORGAN, B.S., Iowa State University, 1952  
ANTHONY RAYMOND MORIARTY, B.S., 1967  
STEVEN ANDREW MORK, B.S., Northern Illinois University, 1966

- HAROLD BARTHOLOMEW MORPURGO, B.S., State University of New York (Cortland), 1958
- BARBARA MARCUS MOSS, B.S., Bradley University, 1968
- HOLLISTYNE MOTHERSHEDD, B.S., Jackson State College, 1951
- DOROTHY LUCILLE MOTT, A.B., Marycrest College, 1954
- TIMOTHY LAVERN MUSGRAVE, B.S., Eastern Illinois University, 1965
- FRANCIS MICHAEL MUSIL, B.S., 1963
- IVA DENE NANCE, B.S., Kansas State Teachers College, 1960
- RONALD JOHN NAWROCKI, B.Ed., Chicago Teachers College, 1958
- DUANNE FREISE NELSON, B.S., Northern Illinois University, 1962
- MAUDE HINE NELSON, B.S., 1935
- S. ELLIOT NICKELSON, Ph.B., Northwestern University, 1962
- KAREN SUE OAKLEY, B.S.Ed., Eastern Illinois University, 1964
- MYRON HENRY OCHS, B.S.Ed., Eastern Illinois University, 1966
- ZOLA ROBERTS ODELL, A.B., 1942
- VERNON MICHAEL PARIS, B.S., Eastern Illinois University, 1965
- ELIZABETH BRENNER PARKER, A.B., 1966
- RUTH MARIE PARSONS, A.B., Olivet Nazarene College, 1958
- JOSEPH JAMES PERICA, B.S., Southern Illinois University, 1966
- RANDALL JAY PETERSON, B.S., 1962
- HADLEY JACK PFEIFFER, B.A., Southern Illinois University, 1959
- MARY OLIVIA PLEAS, B.S., Roosevelt University, 1966
- JELIA JANE TARMAN POLLARD, B.S., 1942
- WILLIE MAE POOLE, B.S., Bethune-Cookman College, 1957
- RUTH MAE POROPAT, B.S., Western Illinois University, 1961
- PEGGY EIKLEBERRY PRINCE, B.S., Eastern Illinois University, 1958
- LEAH CARRIER PROCTOR, B.S., Millikin University, 1943
- RONALD WILLIAM PROWSE, B.A., Dipl., University of Melbourne, 1948, 1948
- CATHERINE KITTO RAMSEY, B.E., Wisconsin State University, 1964
- JAMES EDWARD RASEY, B.A., Aurora College, 1957
- HENRY JAMES RAWLS, B.S., Knoxville College, 1958
- WILLIAM EDWARD RAY, B.S., University of Southern Mississippi, 1958
- JESSE DANIEL RAYBON, B.S., Southern Illinois University, 1966
- RUBY LEE REED, B.S., Southern Illinois University, 1962
- CHARLES ALLEN REESE, B.S., Western Illinois University, 1967
- DIANNE CARMEL REICHMANN, A.B., 1968
- JAMES EARL RICHARDS, B.S., Eastern Illinois University, 1963
- GEORGIA ELIZABETH ROBNETT, B.S., Lincoln University, 1957
- NANCY MARGARET RODGERS, B.S., Illinois State University, 1965
- DWIGHT JOHN ROGERS, B.A., Roberts Wesleyan College, 1965
- JEAN SMITH ROWLAND, A.B., Kalamazoo College, 1950; M.A., Western Michigan University, 1962
- EVELYN YOUNG RUDISILL, B.S., Illinois State University, 1965
- ROBERT ROSS RUPAR, B.S., Mansfield State College, 1960
- BETTY SERENE SCHNIEPP, B.A., Blackburn College, 1956
- FREDRICK EUGENE SCHOOLEY, B.S., 1964
- RUTH DUKES SCHUMACHER, B.S., Northern Illinois University, 1967
- ARNOLD SEGBIANO, B.A., Southern Illinois University, 1960
- SHARON KAY SEIBERT, B.S., Eastern Illinois University, 1967
- HOWARD LOUIS SELBST, B.A., State University of New York (Albany), 1968
- LILIA V. SEMILLA, B.Sc.Ed., University of the Philippines, 1952
- ROY ERNEST SHELDON, B.S., Western Illinois University, 1966
- SISTER MARY EUGENIA BERTMAN, A.B., College of St. Francis, 1962
- SISTER MARILYN BRENNAN, B.A., San Diego College for Women, 1961
- SISTER CHARLOTTE MARY CONKLIN, B.A., St. Ambrose College, 1961
- SISTER MARY BEDE DUCHENE, B.Ph., DePaul University, 1962
- SISTER MARY BRIAN FLANNIGAN, B.A., San Diego College for Women, 1962
- SISTER ANDREA GILTNER, B.A., St. Ambrose College, 1964
- SISTER MARY MICHELENE GRADY, B.S., College of St. Francis, 1960
- SISTER KATHRYN EDWARD KNECHT, B.A., Marycrest College, 1961
- SISTER MARY GABRIELLA LUEBBERS, B.A., St. Xavier College, 1961
- SISTER MARY ALICE MANNIX, B.A., St. Ambrose College, 1964
- SISTER MARY ROSE VERONICA MATTINGLY, A.B., St. Mary's College, 1956

SISTER MARY YVONNE MCNAMARA, B.A., St. Ambrose College, 1964  
 SISTER STELLA MARIE MILLER, A.B., DePaul University, 1963  
 SISTER MARY BRIDE MURPHY, B.A., St. Xavier College, 1959  
 SISTER MARY ROSE SCHLEEPER, B.A., St. Ambrose College, 1960  
 SISTER MARGARET SCHNEIDER, B.S., Marylhurst College, 1951  
 SISTER MARY BERNARDA SOMERS, B.A., DePaul University, 1965  
 HILDEGARD DULKEN SITTIG, A.B., Mount Holyoke College, 1943  
 JUDITH MARIA SLAUGHTER, A.B., 1968  
 JOHN DANIEL SMITH, B.S., 1932  
 VERNA LEEDY SMITH, A.B., San Jose State College, 1962  
 MICHAEL LEE SMOOT, B.S., Southern Illinois University, 1965  
 CAROL JOAN SPRINGER, B.A., Goshen College, 1963  
 GLEN DALE STALLINGS, B.S., Illinois State University, 1965  
 CHARLES WILLIAM STONE, B.S., Southern Illinois University, 1956  
 MARY CATHARINE REID STRASSENBURG, A.B., Olivet Nazarene College, 1962  
 FRED CARSWELL STUCKEY, B.A., University of Otago, 1937  
 HELENJEAN LAUTERBACH STUCKEY, B.F.A., Illinois Wesleyan University, 1951  
 JOHN ALLEN SWANK, B.S., Eastern Illinois University, 1966  
 CATHARINE SWANSON SWEENIE, B.S., Bradley University, 1964  
 CHARLES WINSHIP SWINFORD, B.S., 1961  
 ROSALIND SALLY TANANA, B.S., 1968  
 AURORA NIENHISER TAYLOR, B.S., MacMurray College, 1945  
 BLOSSOM ALEX TEPPER, B.S., 1965  
 CATHY CUTLER TIGELAAR, B.S., Purdue University, 1965  
 MARC DONALD TOGLIATTI, B.S., Illinois State University, 1965  
 CAROL WANDELL TOMLIN, B.A., DePauw University, 1965  
 IDA BISA TOOMEY, B.S., University of Colorado, 1958  
 DIANE ZIMMERMAN TREMBLY, B.S., Northern Illinois University, 1966  
 SONNY WILLIE TUCKER, B.S., North Carolina Agriculture and Technical State University, 1968  
 CARROLL RHEA TURNER, B.S., 1964  
 LOIS RUTGER ULLOM, B.S., Lambuth College, 1964  
 PAMELA SCHREFFER VALLENI, A.B., 1965  
 KATHERINE AMANDA VAN WESSEM, A.B., Washington University, 1967  
 GEORGE FINLEY VEENSTRA, B.S., 1966  
 GREGORY AUGUST VOCK, B.A., Northwest Missouri State College, 1965  
 EDWARD LEE VOILS, B.S., Southern Illinois University, 1961  
 NEAL DOUGLAS VOKE, B.S., Eastern Illinois University, 1963  
 MARJORY ELSTER WACK, B.M.E., Northwestern University, 1949  
 ANN JACKSON WAREHAM, B.S., David Lipscomb College, 1966  
 CAROLYN SCHARLENE WARNER, B.S., Greenville College, 1965  
 GARY WATANABE, B.S., 1965  
 VERLE KEITH WESSEL, B.S., 1967  
 THOMAS ALBERT WHELDON, B.S., California State Polytechnic College, 1966  
 ELIZABETH SMALL WIGGAM, B.S., 1968  
 DAVID LEE WILLIAMS, B.S., 1967  
 DEE DAVIS WILLIAMS, A.B., Olivet Nazarene College, 1967  
 NATHANIEL P. WILLIS, A.B., Harris State Teachers College, 1959  
 DONALD EDWARD WILSON, B.S., Illinois State University, 1965  
 AUDREY NADINE TILLMAN WIMMER, B.A., Graceland College, 1965

#### **Degree of Master of Social Work**

BOK NAM JIN DAVIS, B.A., Soong Sil College, 1961; M.C.E., Presbyterian School of Christian Education, 1964  
 MARILYN GRACE HANSEN, A.B., Olivet Nazarene College, 1964  
 DIANE DANGLES REED, B.S., Loyola University (Illinois), 1960  
 ROBERT JAMES REED, B.S., Loyola University (Illinois), 1959  
 NOVELLA CRAYTON ROSEY, B.S., Johnson C. Smith University, 1960

#### **Degree of Master of Fine Arts**

##### *In Design*

CALVIN JOHNSON SUMSION, B.S., Brigham Young University, 1966

*In Painting and Printmaking*

- MIRA TOBY CANTOR, B.F.A., University of Buffalo, 1966  
 MARIE MATILDA CENKNER, B.F.A., State University of New York (Buffalo), 1966  
 THOMAS GEORGE GONDEK, B.F.A., Layton School of Art, 1967  
 JAMES EDWARD NAWARA, B.F.A., School of the Art Institute of Chicago, 1967  
 LUCILLE PROCTER NAWARA, A.B., Smith College, 1962

*In Sculpture*

- DAVID LEE BEAN, B.A., Doane College, 1967  
 GORDON MICHAEL LIGOCKI, B.F.A., Ohio Wesleyan University, 1965; M.A., University of Iowa, 1967

**Degree of Master of Architecture**

- VIRGIL R. CARTER, B.Arch., Oklahoma State University, 1964  
 SHAU-TSYH CHEN, B.S.E., Taiwan Cheng Kung University, 1960  
 JERRY McNEILL CLEMENT, B.Arch., Georgia Institute of Technology, 1968  
 WILLIAM RICHARD DONOHUE, B.Arch., University of Notre Dame, 1967; M.U.P., 1969  
 JOAQUIM FENEBERG, Dipl.Arch., University of São Paulo, 1968  
 DENNIS EDWARD KAJMOWICZ, B.Arch., 1968  
 DANIEL FRANK MacGILVRAY, B.Arch., 1967  
 LARRY LEROY McCHESNEY, B.Arch., University of Nebraska, 1966  
 DANIEL NORBERT MISKIE, B.Arch., 1967  
 ROBERT THADDEUS MOONEY, B.S., B.Arch., 1956, 1962  
 MICHAEL JAMES PLAUTZ, B.Arch., 1967  
 JOHN ROBERT SMART, B.Arch., 1968  
 JAMES ELMER SPARESUS, B.Arch., 1968

**Degree of Master of Accounting Science**

- PETER RALPH ANKENY, B.B.A., University of Oklahoma, 1964  
 JAMES THOMAS BRANKIN, B.S., DePaul University, 1968  
 HEINZ ALOIS BURGSTALLER, Dr.Rer.Com., University of Commerce (Vienna), 1964  
 CLARK WALKER CAMPBELL, B.S., Municipal University of Omaha, 1967  
 RUSSEL DUANE DURRETT, B.S., Florida State University, 1965  
 CRAIG RUSSELL EHLEN, B.S., 1968  
 GERRY KENNETH FINK, B.S., 1968  
 JAMES BAISIE GHARTEY, Jr., B.Sc., University of Ghana, 1968  
 RICHARD NORMAN GINNIS, B.S., Ohio State University, 1968  
 CHARLES LIONEL HOLLEY, B.S., East Tennessee State University, 1961  
 BRUCE DILLINGER ROBERTSON, B.S., 1967  
 ALAN ROCKWELL STUCKEMAN, B.S., Miami University, 1966  
 ALLEN LEROY TESCH, A.B., 1967

**Degree of Master of Business Administration**

- JOHN MARK BADE, B.S., 1968  
 HAROLD EDGAR LORTON III, B.S., Millikin University, 1968  
 CHARLES KENNEDY MEYERS, B.S., 1963  
 MARTIN ALBERT SCHOLTENS, A.B., Hope College, 1965  
 JAMES WILLIAM WOLF, B.S., 1968

**Degree of Master of Commerce**

- RICHARD ELLIS AKIN, B.A., Principia College, 1967  
 GEORGE NATHAN COOK, Jr., B.S., Kansas State University, 1968

**Degree of Master of Extension Education**

- DAVID SAMUEL BECHTEL, B.S., 1967  
 JAMES PAUL LINDGREN, B.S., 1966

**Degree of Master of Urban Planning**

- DIANE MARIE PORTER, B.A., Purdue University, 1963  
 JAMES EDWARD URBONAS, B.Arch., M.Arch., 1965, 1966

**Advanced Certificate***In Education*

MARY FLORENCE ALSTON, B.S., Southern Illinois University, 1946; Ed.M., 1954  
 FRANK GOLDMAN BAILLEN, A.B., Ed.M., 1966, 1967  
 DALE LANGLEY BARTHEL, Jr., B.S., Ed.M., 1946, 1953  
 JOSEPH WILLIAM BERGER, B.S., M.S., 1941, 1946  
 DARRELL KENNETH BIGGS, B.S., Eastern Illinois University, 1950; Ed.M., 1957  
 PEGGY ANN CHASE, B.S.Ed., Eastern Illinois University, 1965; M.S.Ed., Purdue University, 1967  
 CARROLL B. CHOUMINARD, B.Ed., Milwaukee State Teachers College, 1929; A.M., University of Wisconsin, 1931  
 HAROLD WAYNE CONNELL, B.S., M.S., Illinois State University, 1962, 1966  
 JUDITH KAY COTTER, B.S., Ed.M., 1961, 1964  
 NEAL JENNINGS COYLE, B.S., Kansas State College, 1957; Ed.M., 1964  
 WILLIAM JAMES CURTIS, B.S., M.S., Bradley University, 1960, 1961  
 PAULINE GAMACHE DEMPSEY, B.A., Mount Saint Mary College, 1959; M.Ed., Boston University, 1965  
 JAMES HARLYN ELLIS, B.S., Ed.M., 1963, 1965  
 ANTHONY JOHN GATTO, B.S., M.Ed., Loyola University (Illinois), 1949, 1953  
 CLARENCE EDWARD GOLDENSTERN, B.S., Concordia Teachers College, 1950; M.A., DePaul University, 1958  
 JOHN FRED GORE, B.S., Eastern Illinois University, 1956; Ed.M., 1966  
 CEDRIC MAYNARD GOWLER, B.S., Ed.M., 1951, 1954  
 PATRICIA ANN HALCOTT, B.S., Illinois State University, 1964; Ed.M., 1966  
 HAROLD LEE HALL, B.S., Ed.M., University of Missouri, 1954, 1957  
 WILMA DAVY HOBBS, B.S., M.S., 1938, 1941  
 EDNA JACKSON HORNE, B.S., Ed.M., 1963, 1966  
 GEORGE PAUL LETTNER, B.S., Illinois Teachers College, 1966; M.S., Chicago State College, 1967  
 JOHN WILLIAM MCCORMICK, A.B., William Penn College, 1936; M.S., 1949  
 RICHARD DEAN MCCRARY, B.S., M.S., East Texas State University, 1964, 1966  
 DELMA ELIZABETH BOWMAN MUNDELL, B.Ed., Chicago Teachers College, 1946; Ed.M., 1965  
 DOROTHY LOUISE OVERMIER, B.S., Central Michigan University, 1951; M.A.T., Jacksonville University, 1967  
 FREDERICK JAMES POWERS, B.S., Northern Illinois University, 1963; Ed.M., 1967  
 JAMES LECIAL RAYMER, B.S., Southern Illinois University, 1955; Ed.M., 1960  
 WALTER WADE SHEETS, B.S., Eastern Illinois University, 1957; Ed.M., 1964  
 GEORGE WILLIAM STREIN, B.S., Pennsylvania State University, 1938; Ed.M., 1962  
 LAWRENCE ROBERT WORKMAN, B.S., Ed.M., 1964, 1967

*In Music Education*

JUNE LILLIAN CHILBERG, B.S., Western Illinois University, 1948; A.M., Colorado State College, 1952  
 IRVING LOWELL KRANICH, B.S.Mus.Ed., Olivet Nazarene College, 1954; M.Mus., American Conservatory of Music, 1961  
 JAMES LEE WILLOUGHBY, B.M., M.M.Ed., University of Georgia, 1963, 1964

**Certificate of Advanced Study in Librarianship**

JOHN LOUIS IGLAR, B.A., Saint Francis College, 1953; M.A., Rosary College, 1964  
 JOHN FREDERICK VANDERMOLLEN, A.B., Louisiana State University and Agricultural and Mechanical College, 1952; A.M., University of Wisconsin, 1955

**COLLEGE OF AGRICULTURE****Degree of Bachelor of Science***In Agriculture*

FRANCIS HENRY BERNES	MICHAEL WAYNE HOFBAUER
CARL WAYNE BURKYBILE, High Honors	DENNIE J. KNIGHT
MICHAEL EUGENE ENGLAND	DON WILLIAM KRAMER
DOUGLAS JAY HARPER	JOHN R. LONGLETT

GARY STEVEN LOWREY  
KENNETH PAUL MANON  
KEITH EDWARD MILLER  
DAVID RAY MOWERS  
DAVID LEE NELSON  
WILLIAM LEE RANDELL

MARY DOREEN SMITH  
RONALD NEAL SMITH  
JAMES EDWIN WHITE  
BILLY RAY WILLS  
ROBERT PAUL WILSON

FRANK CHARLES SUP III

*In Dairy Technology*

MARIJA BIRUTE SVARAS

NATALE BUTERA

*In Food Science*

LANCE ALLAN DOHE

JERRY LEE ERSCHEN

*In Forestry*

WILLIAM RONALD LOVETT

*In Home Economics*

ANITA ROHRER BERGMAN  
CATHERINE BOORAS  
ELLEN IRWIN BRAUCHT, Honors  
CAROL SUE CALLAWAY  
SUSAN HEGGEMEIER DAVIS  
BARBARA POPP DRACH  
BARBARA GAIL GILLESPIE  
VICKIE LYNNE ARMSTRONG HAHN,  
Honors  
NANCY DAVIS HURLIMAN  
JANICE HAWKINS KENNEDY  
POLLY ANN KOHL  
SANDRA LEE MARCINIAK

ELIZABETH FRANCES NEUSTADT  
LOIS PAULINE OLDHAM  
CAROL JACKOBS RANSOM  
ADELE BAROCCA SANNWALD  
SANDRA SCHAUM  
CYNTHIA RUTH SCHNEIDER, High  
Honors  
PAULA MARGARET STUEVE  
JUDITH ANN TAYLOR  
NANCY MARIE WECHTER  
AGNES ENGLUM WILD  
RUTH ANN FORYS WILSON

JOYCE ANN EMMERT

*In Home Economics Education*

**COLLEGE OF ENGINEERING**

**Degree of Bachelor of Science**

*In Aeronautical and Astronautical Engineering*

FRANK WALDEN HAVILL, JR.  
JON WILLIAM NAGEL

ROBERT CHARLES PATTERSON  
THOMAS HEADLEY PAYNE

*In Agricultural Engineering*

RONALD LESLIE CLAYTON

ROY LEE MANN

*In Ceramic Engineering*

RICHARD STUART NOLAND

*In Civil Engineering*

GLORIA LUCILLE CABAN, High Honors  
EDWARD MILTON COLLINS  
JERRY DAVID EGGBRECHT  
HAROLD LLOYD HELLAND  
VORAVUDH JOTKASTHIRA  
VYTAUTAS STASYS LUKAS

GLENN WILLIAM OHLSON  
TERRY GENE SHAW  
MICHAEL ALAN SHUTT  
WARREN GIFT TAYLOR  
ROBERT WESLEY

*In Electrical Engineering*

LUTHER BENTON  
JAMES DE HAAN  
SAAD EDDIN S. EWAYS, High Honors  
NICHOLAS GALLORO  
DONALD ALAN HANSON, Highest  
Honors  
KENNETH JOHN IWASZEK  
FRANKIE DEAN JETER, Honors  
RENE LEONARD MONNEYANG-MEKA

LARRY EUGENE MORRIS  
JOHN RAYMOND NELSON, Honors  
RANDALL W. RHEA  
DEAN LORIN ROMEIN  
DOUGLAS EARL SCOTT, Highest Honors  
GREGORY VAUGHN SEAPHUS  
GEORGE BERNARD STUPP, Jr., Highest  
Honors

*In Engineering Mechanics*

KRISTINA NERIJA LAURAITIS

HOWARD LOUIS ROSENMACHER, High  
Honors*In Engineering Physics*DENNIS WILLIAM CHALWICK, High  
Honors

JAMES GONKO

*In General Engineering*JOHN EDMUND GILSTER, Jr., High  
Honors*In Industrial Engineering*

EDUARDO BLANCO DE LA TORRE

ANTOINE RISTAKIAN

*In Mechanical Engineering*RICHARD NORMAN COKER, Highest  
Honors

PAUL ALBERT WARMBIER

DAVID LAVERN WATKINS

GERRY ARTHUR HAGEN

JOHN BERNARD ZAPUSHEK, JR.

EMMANUEL APPIAH KORANG

*In Metallurgical Engineering*

RICHARD DEAN PRIMDAHL

## COLLEGE OF LIBERAL ARTS AND SCIENCES

## Degree of Bachelor of Arts

*In Liberal Arts and Sciences*

KATHLEEN LEE ALLEN

MARY ELIZABETH HARRIS, High Honors  
in Liberal Arts and Sciences

CHRISTINE ELEANOR ANDERSON

CARL EDWARD HEIMANN

ROSANNE TILLES BASS

JEFFREY SCOTT HERDEN

DEVILLO JOBAYNE BEGANDO

VIRGINIA LOUISE HERMANSON, Honors  
in Liberal Arts and Sciences

LINDA WILLARD BOBBITT

WILLIAM FRANKLIN HILL

DAVID KEITH BROWN

ANN GUTHRIE HOUGH, Honors in  
Liberal Arts and Sciences

VLASTIMIR-JIMMY CEROVICH

NANCY SUE HUDDLESTON

MICHAEL JON COOPER

SANDRA SPITZER HUSTON

MICHAEL DRAKE CURRAN

JILL SLONE ISSELHARD

TERRENCE MICHAEL CURTIS

JERALD LYNN JOHNSON, High Honors  
in Liberal Arts and Sciences

DAVID BENSON DALEY

JERALD LYNN JOHNSON, High Honors  
in Liberal Arts and Sciences

RICHARD EUGENE DOONAN

WILLIAM LAWRENCE KABAKER

WILLIAM LEE EATON

MARK VINCENT KAPLAN

PAMELA JANE ETTER

JOHN EDWARD KAVANAUGH

KARL JOHN EYSENBACH

PATRICK BREEN KEHOE

CHERYL ANN FAHLING, High Honors in  
Liberal Arts and Sciences with  
Distinction in Sociology

JERALD MICHAEL KELLY

SALLY BLAZIC FAUGHT

CHRISTOPHER JOHN KLOCKAU

LARRY THOMAS FITZMAURICE

SERGE ANTHONY KOCHKIN

GREGORY ANTHONY FRIEDMAN, Honors  
in Liberal Arts and Sciences

NATHANIEL HERMAN KOHN

NICHOLAS GALLORO

SANDRA LYNN KOSKI

JOSEPH CLARENCE GETTY

STEPHANIE MARY LENCKOS

SIGRID RONELL GLENNON

JOAN ETTA LEVY

DORIS JEAN GOOLEY, Honors in  
Liberal Arts and Sciences

LOUISE MARY LIEBER

KAREN ELLEN GORTON

JOHN PHILLIP MARTIN

JEAN FITZGERALD GRADY

FRANK JAMES MASSING

VICKIE KATHLEEN GRANT

MICHAEL HUGH McLEAN

RICHARD DALE GREFFE

DEXTER MILLER MEANS

MICHAEL PATRICK HANAGAN, Honors  
in Liberal Arts and Sciences

ANGELA MIKK

PATRICIA GIBSON HANSON

MARC WILLIAM MILLER

HUGH HIROMI HARA

MARGIE ANN MOELLER, High Honors  
in Liberal Arts and Sciences

GEORGE CHARLES HARDIN

DANIEL J. MOLLWAY

JAMES EDWARD HARRIS

JENNINE SMITH MOORMAN  
 SUSAN FOSTER MOSELEY  
 MICHAEL HUGH MULHALL  
 CATHERINE JULIANA NAGLER  
 MARTHA ANN OWEN, High Honors  
   in Liberal Arts and Sciences  
 FRANK JOHN PESCE  
 GEORGE DAVID PETERNEL  
 STEPHEN CHARLES PETERS  
 NANCY LOU PETERSON  
 FREDERICK FRANKLIN PETRICK  
 ELIZABETH ANNE PINTER  
 WILLIAM JOHN REEDY  
 DAN ALBERT RIBBLE  
 JANE ELIZABETH RICKER, Honors in  
   Liberal Arts and Sciences  
 DENNIS WILLIAM ROOK, with High  
   Distinction in Political Science  
 JAMES SAINT SATHER  
 KENNETH JAMES SCHAFT  
 PATRICIA ANN SENTMAN  
 JOANN SMITH

STEVEN DALE SOLOMON  
 RALPH EDWARD STERN  
 LAWRENCE SANDERS STRAUSS  
 AILEEN ANNE PETERGAL THATCHER  
 MARY ANN TODD, Honors in Liberal  
   Arts and Sciences  
 THOMAS EDWARD ULATOWSKI  
 KATHRYN ZURBRIGG VAN FOSSAN, High  
   Honors in Liberal Arts and Sci-  
   ences with Distinction in Music  
 JOYCE DORIS VISO  
 ROBERT GORDON VOLLMER  
 PATRICIA HOLINER WASSERMAN  
 JOHN MICHAEL WATERS  
 PAULA RUTH KIRSCHNER WEINSTEIN  
 VERNON JAMES WEIS  
 JAY TERRIL WERNIKOFF  
 LAURA LEE WILLIAMS, Honors in  
   Liberal Arts and Sciences  
 MARY FRANCES WOCHNER  
 DAVID EDWARD WOJTOWICZ  
 VIRGINIA I-CHI YANG

*In the Teaching of English*

KATHLEEN ALBRECHT DALGAARD  
 MARION FOSTER DIMOND, Honors in  
   Liberal Arts and Sciences  
 MARSHA ANN GOODING  
 JOANNE HARTLEB, High Honors in  
   Liberal Arts and Sciences  
 JUDY CAROL HOLT  
 KATHLEEN ANN LAHEY

LINDA BETTY LIDSTROM  
 CHRISTINE WOLFER LOY  
 KATHLEEN ANN MILLER, Honors in  
   Liberal Arts and Sciences  
 BONNIE LOUISE MOTTAR  
 VIRGINIA ANN TAYLOR  
 JEAN VAN BERGEN

*In the Teaching of French*

JUDITH KVETON KRAS

KAREN IRIS LEVY, High Honors in Lib-  
 eral Arts and Sciences with Dis-  
 tinction in the Curriculum

*In the Teaching of Social Studies*

LINDA KOLOVITZ BROWN  
 GARY LYNN FRYMAN

ELIZABETH ANNE GOOSSENS

*In the Teaching of Spanish*

PEGGY OLSON BECKMAN, High Honors  
   in Liberal Arts and Sciences with  
   High Distinction in the Curriculum

JULIA LYNN JOHNSON, High Honors in  
   Liberal Arts and Sciences with  
   Distinction in the Curriculum

*In the Teaching of Speech*

MARILYN JUNE SLOTTER, High Honors  
   in Liberal Arts and Sciences

*In Theatre Art*

SHARON KAY AMSTUTZ

**Degree of Bachelor of Science**

*In Chemical Engineering*

RONALD LOUIS HENNRICH, High Hon-  
 ors in Liberal Arts and Sciences  
 with High Distinction in the Cur-  
 riculum

*In Chemistry*

DUANE THOMAS BOGNER, with  
   Distinction in the Curriculum  
 WILLIAM EDWARD DARNELL, with  
   Distinction in the Curriculum

ANDREW WAI-WAH HO, with  
   Distinction in the Curriculum  
 FLORA VICTORIA RODRIGUEZ



*In Liberal Arts and Sciences*

ALAN DOUGLAS ANDREWS, High Honors in Liberal Arts and Sciences	JOAN GLASSBERG KURASCH
JOHN ALBERT BAKER	TIMOTHY JON LEMNA
BRUCE HOWARD BERG, Honors in Liberal Arts and Sciences	GERALD MICHAEL LESTER, High Hon- ors in Liberal Arts and Sciences
ROBERT HERMAN BREYER, High Honors in Liberal Arts and Sciences	LAWRENCE HARRY LEVY, High Honors in Liberal Arts and Sciences with High Distinction in Chemistry
ROBERTA LOUISE BURNHAM	JOHN MARK LIGGETT
GERALD RICHARD BUSINARO	LEE WARREN LOVSTAD
JOHN IRVING CRONKHITE, Honors in Liberal Arts and Sciences	JANET CLARK LOXLEY
DONALD GREGORY DAUM	SUZANNE KAY LUERSSEN
ALEXANDER EUGENE DAVIDOFF, High Honors in Liberal Arts and Sci- ences with Distinction in Mathe- matics	RAYMOND JOHN MACDONALD
RITA MARIE DAVIE	ANTTI GUSTAVI MARAN, High Honors in Liberal Arts and Sciences
JAMES FRANCIS DONOVAN	EMILE ANTOINE MARTINEAU
THOMAS EUGENE DUCHAMP, High Hon- ors in Liberal Arts and Sciences with Distinction in Mathematics	PATRICIA ELEANOR MCINTYRE
KENNETH DEAN GADOW	JAMES WARREN MCLEAN, JR.
JUANITA VANCE GAULT	KRISTINE HELEN MELBY
STEPHEN RICHARD GORMAN	EDWIN ARTHUR MERRIFIELD
ERIC MICHAEL HARDER, High Honors in Liberal Arts and Sciences	ELIZABETH TIEBOUT MILLER, High Hon- ors in Liberal Arts and Sciences
GEORGIA HORRELL	GLEN ALBERT NELSON
NEAL REGIS HORTON	JEROME THOMAS NOLAN
HARRY RUDOLF JACOBSON, Honors in Liberal Arts and Sciences	MICHAEL ELLIOT NULL
JAMES EDWARD JASTRZEMBSKI	LINDA JOYCE OHRN
DONALD MILTON JENSEN	ELISE HANNAH PECHTER, Honors in Liberal Arts and Sciences
LAWRENCE ALLEN JOHNSON	JOEL ROBERT PLATT
EDWIN WESLEY JONES	ELLEN ELAINE SATHRE, High Honors in Liberal Arts and Sciences
KENTON FARTHING JURY	GEORGE WILLIAM SCHIFF
CARLA ANNE KESSLER	JOHN TIMOTHY SEHY, Honors in Liberal Arts and Sciences
MICHAEL ANTHONY KLAPER, High Hon- ors in Liberal Arts and Sciences	ERIC PAUL SPROULS
ROSANNE KOLODENKO	LARRY DEAN STARR, High Honors in Liberal Arts and Sciences
THOMAS FREDERICK KOLTER	CLYDE ALLAN UMHOLTZ
	PAUL MARION VAN ARSDELL, JR.
	MARY SCHWENDEMAN WADINGTON
	LAURA WING

*In Physics*

PAUL CHARLES DINGER, JR.	ors in Liberal Arts and Sciences with Distinction in the Curriculum
JAMES HENRY HANSEN	RICHARD JOSEPH WOJSLAW, High Hon- ors in Liberal Arts and Sciences with Highest Distinction in the Curriculum
LAWRENCE JAY NODULMAN, High Hon- ors in Liberal Arts and Sciences with Distinction in the Curriculum	
JOHN MICHAEL POLHEMUS, High Hon-	

*In Speech Correction*

DOLORES BERTUCCI	KAREN SUE SULLIVAN
NANETTE RUTH HOLMES	

*In the Teaching of Biology*

RITA GOUNDAS	JANICE CLAIRE GRUBBE
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*In the Teaching of Mathematics*

LINDA VER VERS ROBERTS, Honors in Liberal Arts and Sciences
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**COLLEGE OF LAW****Degree of Juris Doctor**

ELLIOTT CHARLES BANKENDORF, B.S.C., DePaul University, 1966	JOSEPH JOHN GOLEASH, JR., B.S., 1965
ERIC STEPHENS BUSCH, B.A., Kenyon College, 1966	ROBERT MASUO HASEGAWA, A.B., 1966
MARTIN LEROY CASSELL III, B.A., Wabash College, 1966	WILLIAM ARTHUR SCHROEDER, A.B., 1966
GEORGE LEON COIL, A.B., 1966	WARREN ELOF STROM, B.A., Augustana College, 1966
ANTHONY GEORGE DUDA, B.S., University of Notre Dame, 1966	GEOFFREY EARL TROUTT III, B.A., Southern Illinois University, 1961
GEORGE RICHARD FLYNN, B.A., St. Ambrose College, 1966	ROGER FRANCIS WHITE, B.A., Southern Illinois University, 1963

**COLLEGE OF EDUCATION****Degree of Bachelor of Science***In the Education of Mentally Handicapped Children*

SUSAN LENZ, Honors

*In Elementary Education*

VIVIAN MERLE BLOCK	GEORGIA MARTIN HOSKINS
HUGO RICHARD BORRI	JANET LOUISE HUBALIK
NANCY JEAN BOWSER	MAUREEN IRIS KALUZNA
JOYCE MARIE BREWER	BETH KEEGAN
PATRICIA MAYS BUSH	JUDITH BOYD PACEY
CAROL LINDA CALDWELL	MARY KATHERINE PUTMAN, Honors
LYNNE BRODERICK CHIDLEY	MILDRED J. LURTZ SIMS
LINNEA LEE ERICKSON	DELLA MAE BENNETT WILSON
DONNOLA SUE HARFORD, Honors	SHERRY NEWTON WITTKAMP
PATRICIA LEE HENKEL	

*In Industrial Education*

GARY LAWRENCE DE LA RONDE	JOHN CHRISTOPHER MCCARTHY
GARY CARL ERICKSON	BRADLEY WARD NELSON
GEORGE LARRY ERICKSON, Honors	

*In Secondary Education*

M. KAY LONG	JOHN SCOTT RIEHLE
CHARLES WESLEY LUNDSBERG, JR.	ANN CHRISTINE ROBINSON
BETTE FURGANG MCKOWN, Honors	MARTHA LACY RUTGER
WARREN WILLIAM OSBORNE	CONSTANCE ELIZABETH TAYLOR

**COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION****Degree of Bachelor of Science***In Accountancy*

ALLAN SIGVARD BENSON	WILLIAM LOUIS HENNING
JOEL ROBERT BERGER	RICKY ELLIOT JANOV
GERALD D. BEYER, JR.	RICHARD BRUCE JONES
MARK HERBERT CARSON	GREGORY BOYD LYKINS
JAMES LELAN CLARK	JERROLD MICHAEL MURRAY
JOHN EDWARD DEVOS	HOWARD DEAN NICHOLAS, High Honors
STEPHEN ARTHUR DUBEY	MICHAEL ALLEN PROSEN
STEVEN JOE DUNN	JOSEPH MICHAEL RUSSELL, Honors
SUSAN LIZABETH FINLAY	RONALD LEROY SCHMIDT
TIMOTHY DICK FRIEDBERG, High Honors	HENRY CHARLES SIEKMANN
GORDON FRANK GAULT, Honors	WILLIAM DAVENPORT STERRETT
LOIS KAYE GRONWOLD, Honors	ROBERT FRANCIS STRENSKI

THOMAS ROY TASSIO  
THOMAS JOSEPH VUCINIC

CARLYLE WILDE  
RICHARD LAWRENCE ZBYLUT

*In Commercial Teaching*

MARILYN IRENE DOLAN

JUDITH ANN MOHLER

*In Economics*

ROBERT MERWIN AHRENS  
CARL BAIRD BARNES  
DENNIS MICHAEL HUBER

NORMAN ALLEN KANE  
JAY WARREN MERZ

*In Finance*

FRANK MICHAEL ANSELMO  
LAWRENCE DEAN CARR  
JOHN ROBERT COSTELLO  
ROBERT FRANCIS CROWLEY  
JUSTIN RIGGS DRAKE  
JOHN LELAND GREGG  
PAUL DELBERT HEINRICH  
RICHARD LEE JAMES  
JOHN JOSEPH LYNCH

JERRY LEE MUELLER  
JOHN ALLEN O'MALLEY  
DANIEL M. PERKINS  
RICHARD DENNIS SCHONHOFF  
WILLIAM RICHARD STENGEL, JR.  
JAMES BRUCE TRIMBLE  
GARY MICHAEL YERGLER  
DONALD JAMES YOUNG

*In Industrial Administration*

TERRY CAHILL ANDERSON  
DAVID PAUL FOCHTMANN  
WILLIAM GROEBE  
MICHAEL JAMES HUGHES  
DAVID MATHEW LEACH  
MICHAEL DALE McADAMS

BENJAMIN WILLIAM MILBRANDT, JR.  
CYNTHIA HILDEGARDE RUDIN  
GERALD VICTOR SELVO  
WILLIAM THOMAS WEIR  
PAUL SCOTT WENTLAND  
MICHAEL JOSEPH WIATER

*In Marketing*

RAYMOND THOMAS ALLEN  
CYNTHIA JANE ANDERSON  
MARC JAN ARONIN  
PAUL JOSEPH BATTUELLO  
GARY ALLEN BECKMAN  
RICHARD ALLEN CARVER  
GARY RAY DALBY  
GREGORY FOLMER DEBROCKE  
DAVID ALLEN DOMINO  
JAMES BOSS FINCH

MICHAEL NUNES GESKEY  
JAMES WILKS HESELOV  
CARL PETER JENSEN  
GEORGE KOVERDAN  
JAMES DUANE LIGGETT  
CYNTHIA LYNNE MCNOWN  
ROBERT JAMES MICHALAK  
VINCENT EUGENE PELLETIER  
DAVID JOHN WETTLAUER

**COLLEGE OF COMMUNICATIONS**

**Degree of Bachelor of Science**

*In Communications*

MARY ANN BARNARD  
LINDA SUSAN BRUGGEMAN  
WILLIAM DENNEY CLEMENTS III  
NICHOLAS LAWRENCE EASTLAND  
IRL RONALD FARLOW  
ELAINE ESTHER HONEGGER  
KATHERINE ANN NEIDERT

GARY SCOTT NEIMAN  
KEVIN MICHAEL O'KEEFE  
GREGORY JOHN PHILBIN  
ARNOLD RALPH SENN  
SUSAN ELLEN STUDZ  
BILL LEE VOSS  
WILLIAM CHARLES WOOLERY

**COLLEGE OF FINE AND APPLIED ARTS**

**Degree of Bachelor of Architecture**

ROBERT KUHN MAUTZ II  
MICHAEL DENNIS O'HARA

CURTIS WAYNE THORSTENSEN  
WILLIAM CHARLES ZIEHN, Honors

**Degree of Bachelor of Arts***In Dance*

CHERIE BERNICE SMITH

**Degree of Bachelor of Fine Arts***In Art Education*ROSEMARY SCOTT BREITMEYER  
SHAYA KAREN GORNSTEIN

VESTA ANN HENDERSON

*In Art History*

LAUREL ANNE DURKIN

KAREN LYNN FRERICHs

*In Graphic Design*MICHAEL JOHN ALBERTS  
ANN MARGARET GERDING, Honors  
SUSAN JANE LACEY  
KAREN ELLEN LEVINSOHNSUZANNE MARIE LORD  
CHARLES STANTON SCHMINKE  
ROS Lind SKIRM, High Honors*In Industrial Design*

PAUL CHARLES BOND

WILLIAM JOHN FISCHER

*In Painting*ALICE MARIA LENCEK, High Honors  
JACQUELINE VAVRA PARSONSTEDD ROBERT RUNGE  
ALAN HENRY WOODARD**Degree of Bachelor of Music**

CHAMIN HOLMES WALKER

VALERIE MAY WEINHOUSE, Highest Honors

**Degree of Bachelor of Science***In Music Education*DORIS ANN DUTSMAN, Honors  
JAY COURTNEY MEANS  
JOSEPH DAVID SHIRK, High HonorsSUZANNE LABELLE SPORNY  
ANNE LYNNETTE WILLIAMS, Honors**Degree of Bachelor of Urban Planning**ALLAN RAYMOND JOHANSON  
THOMAS JUSTIN PRIESTLEY, High Honors

BRUCE ANTHONY TULLY

**COLLEGE OF PHYSICAL EDUCATION****Degree of Bachelor of Science***In Physical Education*KENNETH EDWIN ANGUS  
RICHARD CHARLES BINDER, Honors  
JAMES DAVID COPPER, High Honors  
GALE ELLEN EASTERBROOK  
DALE EDWARD GRECO  
JUDITH LESLIE KAYDANIEL ALEXANDER LIBERA  
DIANNE MAUREEN SCHWARZ, Honors  
HAROLD THOMAS SHAW  
WILLIAM WAYNE TRANKINA, High Honors  
JAMES BRADLEY WHITESIDE*In Recreation*

THOMAS HENRY BROWN

CYNTHIA JEANNE SCOTT

*In Health and Safety Education*

STEPHEN DAVID FIELDS

**SECRETARY'S REPORT**

The Secretary presented for the record the following lists: appointments to the faculty made by the President; resignations and cancella-

tion; resignations, declinations, and cancellation for summer quarter and summer session appointments; leaves of absence; cancellation of sabbatical leaves of absence. A copy of the report is filed with the Secretary.

#### REQUEST FOR HEARING

The Secretary presented a request for a presentation from the "Faculty for University Reform" (at Urbana) on the following subjects: "1. Procedures for speaking at meetings of the Board of Trustees; 2. Priorities in expenditure of University funds and development of new projects in general and the establishment of the proposed Faculty Center or our proposed Human Resources Center in particular."

The request was not received in time to permit its consideration under the emergency procedures for the September meeting. Accordingly, it was presented for action on September 17. On motion of Mr. Clement, the Board approved a presentation on the first of the two subjects identified. The second subject, related to the Faculty Center, was considered now to be moot in the light of the commitments made by the University to the donors, state agencies and to the faculty. The presentation will be scheduled for a forthcoming meeting to be selected by the Faculty for University Reform.

#### ANNOUNCEMENTS FROM THE PRESIDENT OF THE BOARD

President Hughes called attention to the schedule of the next three meetings of the Board: October 15, 1969, at the Dixon Springs Agricultural Center; November 13, 1969 (having been changed by the Board from November 19), Chicago Circle; and December 17, 1969, Urbana.

#### RECESS FOR GENERAL POLICY COMMITTEE MEETING

On motion of Mr. Clement, the Board recessed and the Committee on General Policy convened to consider the question of communications and relations between the Board and the faculty and students. The Chairman of the Committee had arranged for presentations to the Committee from members of the Executive Committee of the Graduate Student Association.

#### RECESS AND EXECUTIVE SESSION

President Hughes announced that an executive session had been requested and was being ordered for consideration of property acquisition and that this session would be held following the luncheon recess and Buildings and Grounds Committee meeting.

When the Board reconvened in Executive Session, the same members of the Board, officers of the Board, and officers of the University were present as recorded at the beginning of these minutes, except Mr. Theodore Jones and Mr. Donald Grimes who asked to be excused.

Although a quorum of the Board was not present, in view of the approval, granted in July, to hear representatives of the Cooperative Ministry of the United Church of Christ (and in view of their being present to make such a presentation), the Trustees asked the representatives to speak. They were Mr. Stanley Balbach, attorney, the Reverend Lionel Miles, and Mr. Donald Laz, architect. The spokesmen

for the Cooperative Ministry described the building program contemplated by the church and its relationship to the University, specifically requesting that the Board "endorse the proposal of the Cooperative Ministry of the United Church of Christ for the exchange of the property located at the northwest corner of Daniel and Sixth streets for the property located at the southwest corner of Florida and Orchard streets, and direct the Physical Plant Planning and Construction Office of the University of Illinois to enter into negotiations on the matter of a fair price to be paid to the ministry in addition to the exchange of land." (The church had provided supporting materials in writing for the Trustees some weeks earlier.)

After discussion of the proposal and consideration of the presentation, Mr. Clement moved that the Secretary advise the officers of the church that it was the unanimous consensus of those Trustees present that the proposal not be approved; and that formal action on the question would come when a quorum was present — but that the Trustees would not expect a different judgment from the Board at that time.

On motion of Mr. Hahn, the Board adjourned.

EARL W. PORTER  
*Secretary*

EARL M. HUGHES  
*President*

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

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**October 15, 1969**



The October meeting of The Board of Trustees of the University of Illinois was held at the Dixon Springs Agricultural Center, Simpson, Illinois, on Wednesday, October 15, 1969, beginning at 9:30 a.m.

President Earl M. Hughes called the meeting to order and asked the Assistant 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. Harold Pogue, Mr. Timothy W. Swain. Governor Richard B. Ogilvie, Mr. Theodore A. Jones, Mr. Ray Page, Mr. Russell W. Steger, and Mr. W. Clement Stone were absent.

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



**MEMORIAL TO VERNON L. NICKELL**

Mr. Swain presented the following:

The Board of Trustees of the University of Illinois records with deep sorrow the death on Friday, August 15, 1969, of Vernon Lewis Nickell, a former ex officio member of this Board, State Superintendent of Public Instruction, and a distinguished alumnus of the University of Illinois.

During a period of more than half a century, from 1909 until 1960, after his graduation from Illinois Wesleyan Academy, he was a teacher, a principal, a superintendent of schools, and from 1943 to 1960 Superintendent of Public Instruction.

He was instrumental in the passage of laws by the Illinois General Assembly which, through the Office of the Superintendent of Public Instruction, encouraged the consolidation of small school districts. When he assumed the position of Superintendent of Public Instruction, there were in excess of 11,000 school districts in Illinois. During his administration this number was reduced to less than 1,500 districts. His administration was distinguished by the upgrading of elementary and junior high school education and the improvement of the curricula of the senior high schools.

The Board of Trustees of the University of Illinois directs that the record of today's meeting contain this expression of tribute to a former colleague, for his valued services and his deep interest in education, and to extend to his family our deepest sympathy in their loss.

The President of the University, the officers of the Board, and other members of the Board staff who worked with Dr. Nickell during his service on the Board desire to be included in this tribute.

This memorial was adopted by a standing vote.

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

**PRESIDENT'S REPORT**

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

**ANNUAL BUDGET REQUEST FOR OPERATIONS—FY 1971**

(1) The summaries listed below present recommendations for increases in the University's budget for operations during FY 1971—under the following three of the ten budget categories adopted by the Board of Higher Education: (a) New Programs; (b) Program Expansion and Improvement; (c) Other Specific Items. The present proposals have been prepared by the Executive Vice President and Provost and the Vice President and Comptroller, in the light of requests submitted by the three Chancellors and in consultation with the University Budget Committee.<sup>1</sup>

The remaining seven categories are: Adjustments to the Base Budget; Statutory Increases; Salary Adjustments; Increased Enrollments; Operating Costs of New Buildings; Price Increases; Refunds. The increases to be requested in these categories are calculated in accordance with statutory regulations or through the use of formulae and procedures developed by the staff of the Board of Higher Education (in consultation with its Budget Formula Committee, consisting of institutional representatives). Most of these formulae involve the use of official enrollment figures for the current term, which at the University of Illinois did not become available until October 10. More than two weeks will be required to make the calculations and to prepare the final budget document for presentation to the Board of Higher Education by its deadline of November 1, 1969.

<sup>1</sup> University Budget Committee: Lyle H. Lanier, Executive Vice President and Provost, *Chairman*; Werner H. Baur, Professor of Geological Sciences and Head of the Department (Chicago Circle); Joseph S. Begando, Chancellor at the Medical Center; Edwin J. DeMaris, Professor of Accountancy and Head of the Department (Urbana); H. O. Farber, Vice President and Comptroller; Morris S. Kessler, Assistant Comptroller (Staff Associate); Norman A. Parker, Chancellor at Chicago Circle; Jack W. Peltason, Chancellor at Urbana-Champaign; A. M. Schmidt, Associate Professor and Executive Associate Dean of Medicine (Medical Center); Martin L. Zeigler, Associate Provost and Director of Institutional Studies (Staff Associate).

Accordingly, in order that this deadline may be met, it is recommended that the Board of Trustees take the following actions:

1. Approve the increases totaling \$8,038,400 proposed herein under budget categories 8, 9, and 10 (New Programs, Program Expansion and Improvement, Other Specific Items—see lists below) for transmittal to the Board of Higher Education and to appropriate offices of state government. (A complete text of the document presenting the request is filed with the Secretary of the Board.)
2. Authorize the President to approve and transmit to the Board of Higher Education and offices of state government the University's request for increases under budget categories 1 through 7, with the understanding that these requests will be prepared in accordance with statutory requirements or through the use of formulae and guidelines developed by the staff of the Board of Higher Education and its Budget Formula Committee.

I concur.

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

**Increases Requested for New Programs, Program Improvement,  
and Other Special Purposes**

**Chicago Circle Campus**

**8. New Programs**

**a. Instruction**

1. Doctoral programs.....	\$ 25 600
2. Special education (teacher training).....	21 000
3. Teacher education (community colleges).....	18 000
<i>Subtotal</i> .....	(64 600)

**b. Research**

Urban education .....	105 000
<i>Subtotal</i> .....	(\$ 105 000)

**Total, New Programs.....** (\$ 169 600)

**9. Program Expansion and Improvement**

**a. Instruction**

1. Graduate fellowships.....	50 000
2. Department of Chemistry.....	42 000
3. Undergraduate honors programs.....	117 000
4. Supervision of teacher education.....	54 600
<i>Subtotal</i> .....	(263 600)

**b. Research**

1. Center for Urban Studies.....	75 600
2. Faculty research support.....	62 400
<i>Subtotal</i> .....	(138 000)

**Total, Program Improvement.....** (\$ 401 600)

**10. Other Specific Items**

Program for disadvantaged students .....	80 000
<b>Total, Other Specific Items.....</b>	(80 000)
<b>Grand Total, Chicago Circle Campus.....</b>	<b>\$ 651 200</b>

**Medical Center Campus**

**8. New Programs**

**Instruction**

1. College of Medicine: Implementation of recommendations in <i>Education in the Health Fields for State of Illinois</i> .....	\$1 330 000
2. Graduate School of Public Health.....	247 000
3. Department of Family Practice.....	342 000

4. Advanced education in the health professions.....	999 000 <sup>1</sup>
<i>Total, New Programs</i> .....	(2 918 000) <sup>1</sup>
9. <i>Program Expansion and Improvement</i>	
Instruction	
1. Instructional television .....	18 600
2. Departments of Neurology and Neurosurgery.....	150 000
3. Department of Ophthalmology.....	65 000
<i>Total, Program Improvement</i> .....	(233 600)
10. <i>Other Specific Items</i>	
1. University of Illinois Hospital .....	104 800
2. Division of Services for Crippled Children.....	103 000
<i>Total, Other Specific Items</i> .....	(207 800)
<i>Grand Total, Medical Center Campus</i> .....	\$3 359 400 <sup>2</sup>

### Urbana-Champaign Campus

8. <i>New Programs</i>	
a. Instruction	
1. Medical education .....	\$ 167 400
2. Doctoral programs	
(a) Geophysics.....	210 600 <sup>3</sup>
(b) Social work .....	8 300
<i>Subtotal</i> .....	386 300 <sup>3</sup>
b. Research	
Computer-based education .....	600 000 <sup>4</sup>
<i>Subtotal</i> .....	(600 000) <sup>4</sup>
<i>Total, New Programs</i> .....	(986 300) <sup>4</sup>
9. <i>Program Expansion and Improvement</i>	
Instruction	
1. Krannert Center for the Performing Arts.....	130 700
2. College of Veterinary Medicine.....	262 000
<i>Total, Program Improvement</i> .....	(392 700)
10. <i>Other Specific Items</i>	
1. Educational assistance to disadvantaged students.....	522 700
2. Faculty-Student Commission on Afro-American Life.....	121 200
<i>Total, Other Specific Items</i> .....	(643 900)
<i>Grand Total, Urbana-Champaign Campus</i> .....	\$2 022 900 <sup>5</sup>

### General University Programs

9. <i>Program Expansion and Improvement</i>	
Extension and Public Service	
Division of University Extension (enrollment increases).....	\$ 58 100
<i>Total, Program Improvement</i> .....	(58 100)
10. <i>Other Specific Items</i>	
1. Educational television (color facilities)	
(a) Chicago Circle .....	305 400 <sup>5</sup>
(b) Medical Center .....	370 000 <sup>5</sup>
(c) Urbana-Champaign .....	240 200 <sup>5</sup>
<i>Subtotal</i> .....	(915 600) <sup>5</sup>
2. Coordination of extension and public service	
(a) Medical Center .....	30 000
(b) Urbana-Champaign .....	30 000
<i>Subtotal</i> .....	(60 000)

<sup>1</sup> Of this amount, the sum of \$380,000 is nonrecurring.

<sup>2</sup> Of this amount, the sum of \$200,000 is nonrecurring.

<sup>3</sup> Of this amount, the sum of \$600,000 is nonrecurring.

<sup>4</sup> Of this amount, the sum of \$800,000 is nonrecurring.

<sup>5</sup> Equipment (nonrecurring).

3. New accounting system.....	250 000
<i>Subtotal</i> .....	(250 000)
4. Campus security	
(a) Chicago Circle.....	102 500
(b) Medical Center .....	146 100 <sup>2</sup>
(c) Urbana-Champaign .....	301 600 <sup>3</sup>
<i>Subtotal</i> .....	(550 200) <sup>4</sup>
5. Processing application fees	
(a) Chicago Circle.....	45 300
(b) Medical Center .....	6 000
(c) Urbana-Champaign.....	119 700
<i>Subtotal</i> .....	(171 000)
<i>Total, Other Specific Items</i> .....	(1 946 800) <sup>4</sup>
<i>Grand Total, General University Programs</i> .....	\$2 004 900 <sup>4</sup>

#### AWARD OF CERTIFIED PUBLIC ACCOUNTANT CERTIFICATES

(2) 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>
BRIAN JAMES CASEY	Wilmette, Illinois	Massachusetts
JACK PATRICK MCSHERRY	Peoria, Illinois	Michigan
CLAUDE ONXLEY	Chicago, Illinois	Ohio
GORDON RAY TEEL	Belleville, Illinois	Missouri
DOUGLAS JOSEPH VON ALLMEN	Springfield, Illinois	Missouri

I concur.

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

#### HEADSHIP OF THE DEPARTMENT OF PSYCHOLOGY, CHICAGO CIRCLE

(3) The Dean of the College of Liberal Arts and Sciences, Chicago Circle, has recommended to the Chancellor the appointment of Dr. Harry S. Upshaw, presently Professor of Psychology and Acting Head of the Department of Psychology, as Professor of Psychology on indefinite tenure and Head of the Department, beginning September 1, 1969, on an academic year service basis, at an annual salary of \$19,500.

The nomination of Dr. Upshaw is supported by the consultative committee<sup>1</sup> for the headship of the department and by the faculty of the Department of Psychology. The Executive Vice President and Provost, the Chancellor, and the Dean of the Graduate College concur.

I recommend approval.

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

#### HEADSHIP OF THE DEPARTMENT OF ANATOMY, MEDICAL CENTER

(4) The Dean of the College of Medicine has recommended to the Chancellor at the Medical Center campus the appointment of Dr. Keen A. Rafferty, presently Associate Professor at The Johns Hopkins University School of Medicine, as Professor of Anatomy on indefinite tenure and Head of the Department, beginning March 1, 1970, on a twelve-month service basis, at an annual salary of \$28,000.

<sup>1</sup> Of this amount, the sum of \$20,000 is nonrecurring.

<sup>2</sup> Of this amount, the sum of \$48,500 is nonrecurring.

<sup>3</sup> Of this amount, the sum of \$68,500 is nonrecurring.

<sup>4</sup> Of this amount, the sum of \$984,100 is nonrecurring.

<sup>5</sup> John Davis, Professor of Psychology, *Chairman*; Roger Dominowski, Associate Professor of Psychology; Harold Klehr, Professor of Psychology and Director of Student Counseling Service; Everett Maynert, Professor of Pharmacology (Medical Center); Evalyn Segal, formerly Associate Professor of Psychology (until September 1, 1969).

This appointment is to succeed Dr. S. R. M. Reynolds, who resigned effective August 31, 1969.

The nomination of Dr. Rafferty is made with the advice of a search committee<sup>1</sup> and after consultation with all members of the faculty of the Department of Anatomy of the rank of assistant professor and above. The Executive Vice President and Provost, the Chancellor, and the Dean of the Graduate College concur.

I recommend approval.

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

#### HEADSHIP OF THE DEPARTMENT OF BIOLOGICAL CHEMISTRY, MEDICAL CENTER

(5) The Dean of the College of Medicine has recommended to the Chancellor at the Medical Center campus the appointment of Dr. Alfred Nisonoff, presently Professor of Microbiology, as Professor of Biological Chemistry on indefinite tenure and Head of the Department, beginning November 1, 1969, on a twelve-month service basis, at an annual salary of \$29,000.

This appointment is to succeed Dr. Stephen B. Binkley, who was appointed Dean of the Graduate College at the Medical Center campus beginning September 1, 1969.

The nomination of Dr. Nisonoff is made with the advice of a search committee<sup>2</sup> and after consultation with all members of the faculty of the Department of Biological Chemistry of the rank of assistant professor and above. The Executive Vice President and Provost, the Chancellor, and the Dean of the Graduate College concur.

I recommend approval.

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

#### APPOINTMENTS TO THE FACULTY

(6) 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; T — terminal appointment, accompanied with or preceded by notice of non-reappointment; W — one-year appointment subject to special written agreement; 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. LINDA L. BAIN, Assistant Professor of Physical Education for Women, beginning September 1, 1969 (2), at an annual salary of \$10,750.
2. EDMUND J. BENDER, Assistant Professor of French, beginning September 1, 1969 (1), at an annual salary of \$11,500.
3. ALAN A. BENTON, Assistant Professor of Psychology, beginning September 1, 1969 (3), at an annual salary of \$12,800.
4. RHETA L. DeVRIES, Assistant Professor of Education, beginning September 1, 1969 (2), at an annual salary of \$12,000.

<sup>1</sup> Elizabeth A. McGrew, Professor of Pathology, *Chairman*; Henry Jeffay, Professor of Biological Chemistry; Lloyd M. Nyhus, Professor of Surgery and Head of the Department, Surgeon in Chief, Hospital; Arnold V. Wolf, Professor of Physiology and Head of the Department; Ralph M. Wynn, Professor of Obstetrics and Gynecology and Head of the Department.

<sup>2</sup> Arnold V. Wolf, Professor of Physiology and Head of the Department, *Chairman*; Richard E. Behrman, Professor of Pediatrics; Richard A. Carleton, Professor of Medicine; Ralph H. Kathan, Associate Professor of Biological Chemistry; Edith K. MacRae, Professor of Anatomy and Acting Head of the Department of Anatomy, College of Medicine; Hermann Mattenheimer, Professor of Biological Chemistry; Florence Sherbon, Associate Professor of Nursing; Lee Fischer, Student in College of Medicine.

5. DUAYNE J. DILLON, Associate Professor of Criminal Justice, Liberal Arts and Sciences, beginning September 1, 1969 (Q), at an annual salary of \$18,000.
6. MAURICE J. EASH, Professor of Education, beginning September 1, 1969 (AY), at an annual salary of \$24,500.
7. LEONARD D. ERON, Professor of Psychology, beginning September 1, 1969 (A), at an annual salary of \$25,500.
8. ERIC A. GISLASON, Assistant Professor of Chemistry, beginning September 1, 1969 (1), at an annual salary of \$11,500.
9. ANDREW M. GREELEY, Professor of the Sociology of Education in Research in Urban Education and in the College of Education, on one-half time, beginning September 1, 1969 (PY50), at an annual salary of \$9,000.
10. JOSEPH D. JACHNA, Assistant Professor of Art, beginning September 1, 1969 (1), at an annual salary of \$12,000.
11. JOY DUVAL JOHNSON, Assistant Professor in the Jane Addams Graduate School of Social Work, beginning September 1, 1969 (1X,1S), at an annual salary of \$15,000.
12. JACK A. KAECK, Assistant Professor of Physics, beginning September 1, 1969 (1), at an annual salary of \$10,000.
13. RICHARD J. KASSNER, Assistant Professor of Chemistry, beginning September 1, 1969 (2), at an annual salary of \$11,000.
14. JAMES J. KELLEHER, Assistant Professor of Mathematics, beginning September 1, 1969 (2), at an annual salary of \$12,500.
15. LYMAN A. KELLSTEDT, Associate Professor of Political Science, beginning September 1, 1969 (A), at an annual salary of \$14,500.
16. MARIAN E. KNEER, Assistant Professor of Physical Education for Women, beginning September 1, 1969 (1), at an annual salary of \$13,500.
17. JAMES S. KOUVEL, Professor of Physics, beginning September 1, 1969 (A), at an annual salary of \$20,000.
18. SHARADBABU R. LAXPATI, Assistant Professor of Electrical Engineering in Information Engineering, beginning September 1, 1969 (1), at an annual salary of \$12,650.
19. JAMES LOY, Assistant Professor of Anthropology, for the fall quarter 1969-70 (G), at a salary of \$3,000.
20. MARY ALICE MAYER, Assistant Professor of Speech and Theatre, beginning September 1, 1969 (1), at an annual salary of \$10,000.
21. STANLEY MELLON, Professor of History, beginning September 1, 1969 (A), at an annual salary of \$19,000.
22. DAVID B. MERTZ, Associate Professor of Biological Sciences, beginning September 1, 1969 (Q), at an annual salary of \$13,500.
23. RUTH MEYER, Assistant Professor, Jane Addams Graduate School of Social Work, on four-fifths time, beginning September 1, 1969 (1Y80), at an annual salary of \$12,000.
24. AMOS S. MOORE, Assistant Professor, Jane Addams Graduate School of Social Work, beginning September 1, 1969 (1), at an annual salary of \$12,000.
25. LORRAINE L. OWEN, Assistant Professor of Physical Education for Women, beginning September 1, 1969 (1), at an annual salary of \$10,500.
26. DANIEL POWELL, Associate Professor of Education, beginning September 1, 1969 (Q), at an annual salary of \$13,200.
27. SHELDON ROSENBERG, Professor of Psychology, beginning September 1, 1969 (A), at an annual salary of \$18,300.
28. JUDITH V. TORNEY, Assistant Professor of Education and Lecturer in Psychology, beginning September 1, 1969 (3), at an annual salary of \$12,000.
29. DONALD R. WARREN, Assistant Professor of Education, beginning September 1, 1969 (3), at an annual salary of \$12,750.

#### Medical Center

30. MARGUERITA M. KOHUT, Assistant Professor of Nursing, beginning September 1, 1969 (1), at an annual salary of \$11,000.
31. ROBERT SAUL MENDELSON, Associate Professor of Pediatrics, College of Medicine, beginning September 1, 1969 (AY), at an annual salary of \$26,000.
32. KENNETH M. ROSEN, Assistant Professor of Medicine, on 15 per cent time, beginning September 1, 1969 (DY15), at an annual salary of \$2,400.

33. LILLIAN RUNNERSTROM, Professor of Nursing, beginning September 1, 1969 (AY), at an annual salary of \$20,000.
34. WINIFRED P. SCOTT, Assistant Professor of Occupational Therapy, School of Associated Medical Sciences, College of Medicine, beginning August 1, 1969 (1Y), at an annual salary of \$11,000.
35. ANITA LAIN SMITH, Assistant Professor of Nursing, beginning September 1, 1969 (1), at an annual salary of \$10,500.
36. GERTRUDE A. STOKES, Professor of Nursing, beginning September 1, 1969 (AY), at an annual salary of \$20,000.

#### **Urbana-Champaign**

37. RICHARD O. ALLEN, Assistant Professor of English, beginning September 1, 1969 (1), at an annual salary of \$9,700.
38. JACK D. ARMOLD, Assistant Professor of Speech, beginning September 1, 1969 (5), at an annual salary of \$10,000.
39. THOMAS M. CABLE, Assistant Professor of English, beginning September 1, 1969 (1), at an annual salary of \$9,800.
40. ROGER G. CLARK, Assistant Professor of English, on one-third time, and Assistant Dean of Graduate College, on two-thirds time, beginning September 1, 1969 (1X33,DX67,DS), at an annual salary of \$14,000.
41. ELLEN IRENE DOWNEY, Assistant Professor of Foods in Home Economics, beginning September 1, 1969 (3), at an annual salary of \$11,000.
42. HELAINE MOODY EUBANKS, Clinical Counselor with rank of Assistant Professor, beginning September 1, 1969, on one-half time (DY50), at an annual salary of \$8,700.
43. WOLFGANG FAIG, Assistant Professor of Civil Engineering, beginning March 1, 1970 (1), at an annual salary of \$11,000.
44. LARRY R. GOULET, Associate Professor of Psychology and Educational Psychology, beginning September 1, 1969 (Q), at an annual salary of \$15,000.
45. DOUGLAS RIPLEY HOTCH, Assistant Professor of English, beginning September 1, 1969 (1), at an annual salary of \$9,800.
46. JOHN L. LOCKE, Research Assistant Professor in Children's Research Center, Graduate College, on 80 per cent time, and Assistant Professor of Speech, on 20 per cent time, beginning September 1, 1969 (1Y), at an annual salary of \$13,000.
47. H. JAMES MARSHALL, Associate Professor of Art, on one-half time, and Elementary Education, on one-half time, beginning September 1, 1969 (Q), at an annual salary of \$13,000.
48. DONALD D. NEMANICH, Assistant Professor of English, beginning September 1, 1969 (1), at an annual salary of \$11,000.
49. MARLYN ANN O'NEILL, Assistant Professor of Special Education and in the Institute for Research on Exceptional Children, beginning September 1, 1969 (1), at an annual salary of \$13,500.
50. EUGENE E. ROCK, Assistant Professor of Special Education and in the Institute for Research on Exceptional Children, beginning September 1, 1969 (1), at an annual salary of \$13,000.
51. DOUGLAS D. SJOGREN, Professor of Educational Psychology, Center for Instructional Research and Curriculum Evaluation, College of Education, beginning September 1, 1969 (QY), at an annual salary of \$22,000.
52. MARY SLEATOR TEMPERLEY, Assistant Professor of English, on one-third time, beginning September 1, 1969 (D33), at an annual salary of \$3,500.
53. MARVIN LEE VAWTER, Assistant Professor of English, beginning September 1, 1969 (1), at an annual salary of \$9,800.
54. JAMES A. WALSH, Staff Physician, Health Center and McKinley Hospital, and Assistant Professor of Health Science, Health Service, beginning October 1, 1969 (TY), at an annual salary of \$21,000.
55. RICHARD P. WHEELER, Assistant Professor of English, beginning September 1, 1969 (1), at an annual salary of \$9,700.
56. WILLIAM R. YOUNGMAN, Professor of Art, beginning September 1, 1969 (A), at an annual salary of \$16,000.

### Visiting Staff

57. STANLEY BUDER, Visiting Associate Professor of History, Chicago Circle, on one-half time, for the winter and spring quarters 1969-70 (E50), at a salary of \$4,500.
58. KARL BÜNGER, George A. Miller Visiting Professor in the Center for Asian Studies, Urbana, for the first semester 1969-70 (E), at a salary of \$8,750.
59. JOHN J. ECONOMOS, Visiting Assistant Professor of Philosophy, Chicago Circle, for the academic year 1969-70 (E), at a salary of \$10,500.
60. JAMES J. EWING, Visiting Assistant Professor of Chemistry, Urbana, beginning September 1, 1969 (D), at an annual salary of \$9,200.
61. MICHAEL J. GALLAGHER, Visiting Assistant Professor of Chemistry, Urbana, beginning September 16, 1969 (E), at an annual salary of \$9,500.
62. A. C. GERMANN, Visiting Professor in the Administration of Criminal Justice Curriculum, Liberal Arts and Sciences, Chicago Circle, for the academic year 1969-70 (E), at a salary of \$22,500.
63. GUY E. GIBBON, Visiting Assistant Professor of Anthropology, Urbana, for the academic year 1969-70 (E), at a salary of \$11,000.
64. HITOSHI INADA, Visiting Assistant Professor of Information Engineering, Chicago Circle, for the academic year 1969-70 (D), at an annual salary of \$10,800.
65. BERWYN E. JONES, Visiting Assistant Professor of Chemistry, Urbana, on one-half time, beginning September 1, 1969 (D50), at an annual salary of \$7,000.
66. AIJAZ AHMED KHAN, Visiting Assistant Professor of Geological Sciences, Chicago Circle, for the academic year 1969-70 (D), at a salary of \$8,000.
67. MICHAEL PARENTI, Visiting Associate Professor, Institute of Government and Public Affairs, Urbana, beginning September 1, 1969 (DY), at an annual salary of \$14,000.
68. JOZEF PATKOWSKI, Visiting Associate in the Center for Advanced Study and Visiting Professor of Music, Urbana, for the academic year 1969-70 (E), at a salary of \$16,000.
69. T. E. S. RAGHAVAN, Visiting Assistant Professor of Mathematics, Chicago Circle, for the academic year 1969-70 (E), at an annual salary of \$10,500.
70. JOLYON D. SAUNDERS, Visiting Associate Professor of Art, Urbana, for the academic year 1969-70 (D), at a salary of \$15,000.
71. EDITH R. SCHWARTZ, Visiting Assistant Professor of Biochemistry, Urbana, beginning September 1, 1969 (D), at an annual salary of \$11,500.
72. CHRISTOPHER A. SQUIER, Visiting Associate Professor of Histology, College of Dentistry, Medical Center, beginning September 1, 1969 (DY), at an annual salary of \$15,500.
73. OLAF P. STACKELBERG, Visiting Associate Professor of Mathematics, Urbana, beginning September 16, 1969 (E), at an annual salary of \$12,600.
74. DANIEL JEAN STANLEY, Visiting Professor of Geology, Urbana, on one-fifth time, for the academic year 1969-70 (E20), at an annual salary of \$3,150.
75. VAGN STEEN, Visiting Professor of German, Urbana, for the period from September 16, 1969, through January 31, 1970 (E), at a salary of \$8,000.
76. IWAO UMEDA, Visiting Associate Professor of Japanese Language and Literature, Center for Asian Studies, Urbana, for the academic year 1969-70 (D), at a salary of \$11,500.
77. DIETER WANNER, Visiting Assistant Professor of Linguistics, Urbana, for the academic year 1969-70 (E), at an annual salary of \$11,000.
78. HENRY A. WHALE, Visiting Research Professor of Electrical Engineering, Urbana, for four months from September 1, 1969 (G), at a salary of \$4,800.
79. KLAUS WOHLFAHRT, Visiting Associate Professor of Mathematics, Urbana, beginning September 16, 1969 (E), at an annual salary of \$13,500.

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

### NONSALARIED FACULTY OF THE COLLEGE OF MEDICINE 1969-70

(7) Upon recommendations of the Dean of the College of Medicine and the Chancellor at the Medical Center, and with the concurrence of the Executive Vice President and Provost, I have approved appointments and reappointments to the non-



salaried faculty of the College of Medicine for the academic year beginning September 1, 1969. The list of these appointments is being filed with the Secretary of the Board for record, and his office will issue the usual notices to the appointees.

Following is a comparative summary of the number of appointments in each department for the years 1968-69 and 1969-70.

<i>Department</i>	<b>Summary</b>	
	<i>1968-69</i>	<i>1969-70</i>
Anatomy .....	7 (1) <sup>1</sup>	8 (1)
Biological Chemistry .....	20	18
Dermatology .....	20 (6)	33 (6)
Medical Social Work .....	9	13
Medicine .....	316 (32)	394 (32)
Microbiology .....	13 (1)	14 (1)
Neurology and Neurological Surgery .....	19 (1)	21 (1)
Obstetrics and Gynecology .....	98 (7)	98 (7)
Occupational Therapy .....	4	3
Ophthalmology .....	55 (5)	60 (5)
Orthopaedic Surgery .....	27 (3)	34 (3)
Otolaryngology .....	55 (10)	57 (10)
Pathology .....	52 (3)	61 (3)
Pediatrics .....	87 (9)	100 (8)
Pharmacology .....	5	5
Physical Medicine and Rehabilitation .....	8	7
Physiology .....	(1)	(1)
Preventive Medicine and Community Health .....	24 (2)	25 (2)
Psychiatry .....	163 (3)	165 (3)
Radiology .....	40 (1)	52 (2)
Surgery (including Urology and Anesthesiology) .....	236 (21)	233 (20)
	<b>1 264 (106)</b>	<b>1 401 (105)</b>

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

#### **APPOINTMENT OF ADDITIONAL MEMBERS TO BOARD OF EXAMINERS IN ACCOUNTANCY**

(8) Legislation passed at the last session of the legislature increased the number of members of the Board of Examiners from three to five. To comply with the amended statute and to meet the requirements for staggered terms, the Committee on Accountancy recommends the appointment of J. Ira Young, a partner in the firm of Gauger and Deihl, Decatur, to the Board of Examiners for a one-year term and Richard S. Claire, a partner in the firm of Arthur Anderson & Co., Chicago, to the Board for a two-year term.

I concur.

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

#### **AMENDMENTS OF REGULATIONS GOVERNING THE CERTIFICATE OF CERTIFIED PUBLIC ACCOUNTANT**

(9) The Committee on Accountancy has recommended changes in Rule 6 and Rule 16 in the University's regulations adopted by the Board of Trustees for administering the Illinois Accountancy Law, as follows (new language is in *italics*; deletions are lined through) :

##### **Rule 6. Filing of the Application — General**

Applicants for the examination for the C.P.A. certificate under the Act shall file their applications with the Committee on Accountancy at Urbana, Illinois, together with the necessary proofs to establish their eligibility. The proper fee must accompany the application. A fee of ~~\$50.00~~ *65.00* is prescribed for each examination or re-examination except as indicated under Rule 16.

##### **Rule 16. Grading Scale ~~Including the~~ and Condition Candidates**

###### **(a) Grading Scale**

The examination papers shall be graded on the scale of 100. The passing grade

<sup>1</sup> The figures in parentheses indicate the number of emeritus members.

in each subject is 75. Grades shall be certified by the Boards of Examiners to the University Committee. The list of successful candidates shall be certified to the President of the University by the University Committee.

*(b) Condition Candidates*

A candidate under Section 2 of the Act may acquire condition in the subject or subjects failed if he

- ~~(a)~~(1) Passes any two subjects or Accounting Practice only; and
- ~~(b)~~(2) Obtains a grade of not less than 50 in each subject failed.

A candidate who achieves condition standing shall be credited with the subject or subjects in which he received passing grades and may upon application and the payment of the required examination fee present himself for re-examination in the subject or subjects in which he failed at any three of the six semiannual examinations next succeeding the examination at which he qualified for such partial re-examination. Whenever a candidate presents himself for re-examination he must write on all subjects in which he then has failing grades.

If on re-examination, the candidate passes in the subjects in which he has failed, he shall be eligible for the C.P.A. certificate; if he fails to pass the remaining subjects within the time provided, he shall revert to the status of a new applicant and shall be required to write the entire examination.

The time limitation within which a candidate is required to pass subjects under this rule shall not include any period during which the applicant serves in the armed forces of the United States.

The fee for each re-examination shall be \$15 for each half-day session which the candidate is required to write.

*(c) Transfer of Credits From Another State*

*A person who has written as a candidate in another state and who has passed part of the examination in such other state may write as a condition candidate in Illinois—*

- (1) If he is ineligible to continue writing as a condition candidate in such other state;*
- (2) If he meets the educational, citizenship and residence requirements of the Illinois statute; and*
- (3) If, at the time he would write as a condition candidate in Illinois he would qualify if his examination in such other state had been written in Illinois.*

*No transfer of credits in subjects passed in another state shall be approved unless the Board of Examiners finds and determines that the examination in such other state was equivalent to the examinations given in Illinois. The applicant's grade or grades on subjects passed in such other state shall be determined and approved by the Board of Examiners before transfer is approved.*

*A candidate who applies for a transfer of credits from another state shall pay a fee of \$65 upon submission of his initial application to write as an Illinois candidate; thereafter the fee shall be the same as for other condition candidates.*

These changes in Rule 6 and Rule 16 shall be effective immediately.

I concur.

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

**REVISION OF UNIVERSITY STATUTES: MEMBERSHIP OF COMMITTEE  
HEARING CASES UNDER SECTION 38(E) (5)**

(10) In order to guard against the impropriety of any member of the Academic Freedom and Tenure Committee participating in a hearing if he had previously acted on the same matter as a member of any other committee, the Urbana-Champaign Senate has proposed the amendment of Section 38(e)(5) of the University Statutes to include the clause shown in italics in the text below:

*"(5) HEARING. At the time and place fixed, the Committee on Academic Freedom and Tenure shall hold a closed hearing on the charges. No member of that Committee shall sit in a case that involves a member of his department, school, institute, or division, whichever represents the smallest administrative unit, nor shall a member sit in a case if he has previously acted on another committee while it considered the pending matter. Three members of the Committee shall constitute a quorum for the conduct of the hearing, and the chairman of*

the Committee may appoint another member of the Committee to preside over the hearing. If vacancies occur, the Committee on Committees shall appoint as many members as are necessary to constitute a quorum. Except as hereinbefore or hereinafter provided, the hearing shall be conducted according to such rules as the Committee may from time to time establish. The Committee shall not be bound by technical rules of evidence, but all findings, conclusions, and recommendations of the Committee shall be supported by, and be in accord with, substantial evidence. The appointee shall be entitled to be present at all sessions of the Committee when evidence is being received and to have with him an adviser of his own choice who may act as counsel. Likewise, the President or some person designated by him, together with counsel if the President desires counsel, shall be entitled to be present at all sessions of the Committee when evidence is being received. Each party shall have the right within reasonable limits to question witnesses and, when all the evidence has been received, to make an argument in support of its position, either in person or by counsel. A full stenographic transcript shall be made of the hearing unless both parties agree to the making of a record in a briefer form."

The Senates at Chicago Circle and the Medical Center have concurred in this proposal.

Accordingly, I recommend that the Trustees give final approval to the amendment.

On motion of Mr. Hahn, this recommendation and the proposed revision of Section 38(e) (5) of the University *Statutes* were approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Pogue, Mr. Swain; no, none; absent, Mr. Jones, Governor Ogilvie, Mr. Page, Mr. Steger, Mr. Stone.

#### **CHANGE IN NAME OF DEPARTMENT OF MINING, METALLURGY, AND PETROLEUM ENGINEERING**

(11) On recommendation of the Department of Mining, Metallurgy, and Petroleum Engineering and with the concurrence of the Dean of the College of Engineering, the Chancellor at the Urbana-Champaign campus has approved a change in the name of the Department of Mining, Metallurgy, and Petroleum Engineering to "Department of Metallurgy and Mining Engineering." The change will reflect more accurately the nature of the academic unit involved.

This action is reported to the Trustees for record.

On motion of Mr. Swain, this action was confirmed.

#### **APPROPRIATION BY ATHLETIC ASSOCIATION**

(12) The Board of Directors of the Athletic Association of the University of Illinois approved a special appropriation in the amount of \$30,000 from unappropriated surplus funds for installation of natural gas in Memorial Stadium.

Confirmation of this action is requested.

On motion of Mr. Grimes, this action was confirmed.

#### **CHANGES IN CONTRACT AND FINANCING FOR CONSTRUCTION OF MEDICAL RESEARCH LABORATORY ADDITION, MEDICAL CENTER**

(13) On September 18, 1968, the Board of Trustees requested the Illinois Building Authority to contract for construction of the Medical Research Laboratory Addition at the Medical Center campus. During the course of construction, soil conditions were encountered that required additional work to the caissons. The cost estimate formulated at that time indicated that additional costs resulting from the increased foundation work would be approximately \$260,000, although, at that stage of construction, cost estimates could not be completely accurate. In order to finance the additional work under the terms of the contract, the Board of Trustees on March 19, 1969, requested the Illinois Building Authority to assign certain contracts to the University, and to reduce the general contract in the amount of \$35,800 by deleting certain fixed equipment (autoclaves and sterilizers). However, it has not been possible to reach agreement with the contractor concerning the amount of the reduction, and it is not desired to delete this equipment.

As reported at the Board's July 23, 1969, meeting, during the actual construction on the last caisson (A-10), additional foundation problems were encountered which could not have been anticipated. At that time it was estimated that \$73,550 would be needed to complete the work on the last caisson but the actual costs have exceeded the estimate. To provide a portion of the funds necessary for the caisson work, on July 23, 1969, the Board of Trustees requested the Illinois Building Authority to delete certain seamless resilient flooring and reduce the contract in the approximate amount of \$60,000. The contract reduction for this deletion has now been firmed up at \$47,682.23.

Work has now been completed on the last caisson. The minimum cost of the last caisson has been established at \$83,768.95 but the general contractor has also claimed at this time other costs totaling approximately \$66,000 which may require additional deletions to provide funds. In addition, architect and engineering fees which have resulted from this increased work are estimated to be \$22,000. At a later date, a recommendation will be submitted to the Board of Trustees on the resolution of these matters.

In order to provide a portion of the additional funds for these adjustments, it is proposed to eliminate all fixed laboratory furniture included in the contract, thereby reducing the contract by \$55,900.

Accordingly, the President of the University, with the concurrence of appropriate administrative officers, recommends that the Board of Trustees now act:

1. To rescind that part of the March 19, 1969, request of the Board of Trustees that pertains to reducing the contract of the general contractor, Erik A. Borg Company, with the Illinois Building Authority by approximately \$35,800 for the omission of certain fixed equipment (autoclaves and sterilizers);
2. To amend the July 23, 1969, action of the Board of Trustees requesting the Illinois Building Authority to reduce its contract with the general contractor for the omission of seamless resilient flooring, from approximately \$60,000 to the firm price of \$47,682.23;
3. To request the Illinois Building Authority to reduce the contract with the general contractor by eliminating all laboratory furniture in the amount of \$55,900;
4. To request the Illinois Building Authority to increase the total authorization of its contract with the Erik A. Borg Company, Chicago, in the amount of \$10,218.95 for construction.

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

**EASEMENT TO URBANA AND CHAMPAIGN SANITARY DISTRICT  
FOR VETERINARY MEDICINE RESEARCH FARM  
SANITARY SEWER, URBANA**

(14) The President of the University, with the concurrence of appropriate administrative officers, recommends granting to the Urbana and Champaign Sanitary District a permanent ten-foot wide easement and a temporary seventy-foot wide easement, a distance of approximately 1,224 feet, for construction of a sanitary sewer for the Veterinary Medicine Research Farm on South Race Street Road approximately one-half mile south of Windsor Road at the Urbana-Champaign campus and that the following resolution be adopted.

**Resolution Authorizing Sewer Easement to Urbana and Champaign  
Sanitary District for Veterinary Medicine Research Farm  
Sanitary Sewer, Urbana, Illinois**

*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 Comptroller and the Secretary of this public Corporation be, and they hereby are, authorized to execute, acknowledge, and deliver in the name and on behalf of this Corporation such instruments of conveyance, contract, or other document or documents as to them may seem necessary or desirable in order to grant to the Urbana and Champaign Sanitary District, a municipal Corporation, hereinafter referred

to as "Grantee," its successors and assigns, the right and easement to construct, reconstruct, operate, repair, and maintain its sanitary sewer and appurtenances under certain lands hereinafter described and the right of ingress to and egress therefrom; the rights and easement granted to be limited to the extent that this public Corporation has the present right and capacity to grant the same. Grantee shall have the right to clear and remove any obstacles or obstructions on the easement tract as may be required to provide necessary clearance. Grantee shall agree to repair any damage caused to property of this Corporation or pay any damages which may be caused to property of this Corporation in the process of construction, reconstruction, or maintenance of said sanitary sewer, and to indemnify this Corporation and its representatives from liability in connection with Grantee's activities. The sanitary sewer easement shall remain in full force and effect from the date granted and for so long thereafter as said sanitary sewer is continued in service and has not been abandoned and discontinued. Upon termination of the easement Grantee shall peaceably surrender possession of said premises to this Corporation and full and complete title then shall remain in this Corporation free and clear of said easement and without necessity of re-entry or demand. The sanitary sewer easement shall be over the following-described property:

Commencing at the Northeast corner of the Northwest Quarter of Section 29, Township 19 North, Range 9 East; thence S 0° 35' 45" E along the East line of the West Half of said Section 29, 2652.54 feet; thence S 51° 19' 58" W, 41.90 feet to the West right-of-way line of Race Street, said point being the true place of beginning; thence S 51° 19' 58" W, 303.39 feet; thence S 2° 05' 23" W, 400.00 feet; thence S 26° 39' 50" E, 521.19 feet, more or less, to the West right-of-way line of Race Street,

Also,

a temporary easement of 70 feet in width lying 20 feet on one side of the above described centerline and 50 feet on the other side of the above described centerline all as shown on the attached plat and containing 1.97 acres, more or less, all situated in Champaign County, Illinois.

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

#### **EASEMENT TO GENERAL TELEPHONE COMPANY OF ILLINOIS**

(15) The Vice President and Comptroller recommends that the General Telephone Company of Illinois be granted an easement for the installation of an additional underground telephone cable over the road right-of-way only and bordering Allerton Trust Farm land in Piatt County, and that the following resolution be adopted.

I concur.

#### **Resolution Granting Easement Over Road Right-of-Way Only and Bordering Allerton Trust Farm Land in Section 4 Piatt County, Illinois**

*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 Comptroller and the Secretary of this corporation be, and they hereby are, authorized to execute, acknowledge, and deliver in the name and on behalf of this corporation such instruments of conveyance, contract or other document or documents as to them may seem necessary or desirable in order to grant to General Telephone Company of Illinois, an Illinois corporation, hereinafter referred to as "Company," its successors and assigns, the right and easement to construct, operate, patrol and maintain additional underground communication lines including the necessary underground cables, wires, conduits, splicing boxes, surface terminals, markers and appurtenances upon, over and across the land hereinafter specifically described which land is included in the public highway, to form a part of a communication system to be owned by the said Company in Piatt County, Illinois, to other lands and structures located beyond the lands herein-

after described, and upon, along, under and across the roads, streets or highways on or adjoining said land hereinafter described together with the right of access to the said land hereinafter described, with the right to permit the attachment of the wires of any other Company. Company shall agree to repair any damage caused to property of this corporation by the construction, reconstruction, operation, patrolling, maintenance, renewal or removal of said telephone communications cable, and to indemnify the University and its representatives and tenants from liability in connection with its activities; the term of said easement to be for such period as the easement may be used for the above-described purposes, but upon the discontinuation of use of or abandonment of said telephone communications cable, said easement to thereupon cease and determine without necessity of re-entry or demand; the rights and easement granted to be limited to the extent that this public corporation has the present right and capacity to grant the same. The right-of-way easement shall be over the following described property:

Situated in the State of Illinois, the County of Piatt, and only on the road right-of-way bordering land described as follows:

On West road right-of-way bordering the South Seventy (70) acres of the East One-half (E  $\frac{1}{2}$ ) of the Southeast Quarter (SE  $\frac{1}{4}$ ) of Section Four (4), Township Eighteen North (T-18-N), Range Five East (R-5-E) of the Third Principal Meridian (3rd P.M.).

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

#### **AGREEMENT WITH CITY OF CHAMPAIGN FOR NORTHWEST CAMPUS DISTRICT LIGHTING IMPROVEMENTS**

(16) The President of the University, with the concurrence of appropriate administrative officers, recommends that the Board authorize the Comptroller and the Secretary to execute an agreement with the city of Champaign, subject to the release of funds by the Governor, to share in the cost of lighting improvements for an approximate area bounded by University Avenue on the north, Wright Street on the east, Healey Street on the south, and First Street on the west, Champaign.

The City plans to finance this work by creating a local improvement district through which most of the costs are to be assessed to abutting properties' frontage. The total cost of the improvements is estimated to be \$150,000. Based on the University's ownership of property in the area involved, the cost to the University will not exceed \$25,000.

Funds are available in state capital appropriations to the University for Fiscal Year 1970, subject to release by the Governor.

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

#### **AGREEMENT WITH CITY OF URBANA FOR NORTHEAST CAMPUS DISTRICT LIGHTING IMPROVEMENTS**

(17) The President of the University, with the concurrence of appropriate administrative officers, recommends that the Board authorize the Comptroller and the Secretary to execute an agreement with the city of Urbana, subject to release of funds by the Governor, to share in the cost of lighting improvements in the northeast campus perimeter at the Urbana-Champaign campus. The City has indicated that it will include as part of the project the following streets on which the University owns property frontage: Springfield Avenue (Wright to Lincoln); Stoughton Street (Romine to Goodwin); Main Street (Romine to Mathews); Romine Street (Springfield to Stoughton and Main to University); Mathews Avenue (Springfield to Main); Goodwin Avenue (Springfield to University); and Gregory Avenue (Springfield to Green), Urbana.

The City plans to finance this work by creating a local improvement district through which all the costs are to be assessed to abutting properties' frontage. Based on the University's ownership of property in the areas which will be involved, it is estimated that the cost to the University will not exceed \$59,000.

Funds are available in state capital appropriations to the University for Fiscal Year 1970, subject to release by the Governor.

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

**EMPLOYMENT OF COST CONSULTANT FOR ENGINEERING AND CLASSROOM ADDITIONS, SCIENCE AND ENGINEERING SOUTH, AND LIBRARY ADDITION, CHICAGO CIRCLE**

(18) The President of the University, with the concurrence of appropriate administrative officers, recommends employment of Hodges-Jage, Inc., Chicago, for cost consulting services on Phase IV additions to the Engineering and Classroom Additions, Science and Engineering South building, and the Library Addition at the Chicago Circle campus, at a cost of \$10,200.

Funds are available in state capital appropriations and have been released by the Governor.

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

**CONSTRUCTION CONTRACT FOR GENERAL WORK FOR BUILDING FOR ILLIAC IV, URBANA**

(19) On July 23, 1969, the Board of Trustees authorized the employment of Clark, Altay and Associates, Urbana, for architectural services for building for Illiac IV at the Urbana campus. This project, which is estimated to cost \$1,080,000, must be completed by the fall of 1970 for delivery of the Illiac IV computer, and in order to meet this schedule, the architects have been able to complete bid documents for the general work and anticipate that working drawings on the electrical and mechanical work will be completed so that bids can be received by approximately January, 1970.

Bids have been received for the general work. Accordingly, the President of the University, with the concurrence of appropriate administrative officers, recommends:

1. Award, subject to approval of the project by the State Board of Higher Education as a non-instructional facility, of a construction contract for general work for the building for Illiac IV to Skoog Construction Company, Champaign, for the low base bidder, in the amount of its base bid of \$654,000.
2. That appropriate material be submitted to the State Board of Higher Education requesting approval of this building as a non-instructional facility.
3. That an assignment of funds be made from the Contract Research Reserve in the amount of \$830,000 for this project. Funds are also available in the amount of \$250,000 in state capital appropriations to the University for Fiscal Year 1970, subject to release by the Governor.

This project complies with the requirements of the Facilities for the Handicapped Act.

Submitted herewith is a report from the Physical Plant Planning and Construction Office, 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 recommendations were approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Pogue, Mr. Swain; no, none; absent, Mr. Jones, Governor Ogilvie, Mr. Page, Mr. Steger, Mr. Stone.

**EMPLOYMENT OF ARCHITECT FOR FEASIBILITY STUDY  
FOR ADDITION TO ASSEMBLY HALL, URBANA**

(20) The President of the University, with the concurrence of appropriate administrative officers, recommends the employment of Harrison and Abramovitz, New York, for a feasibility study for an addition to the Assembly Hall, at a fee on the basis of technical timecard costs, plus 150 per cent, plus reimbursement for consulting engineers, plus reimbursable items as approved by the University, with a maximum fee of \$15,000.

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

The Advisory Committee on Architectural and Engineering Services and the Committee on Buildings and Grounds have reviewed and approved this recommendation.

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

**EMPLOYMENT OF ENGINEER FOR WATER AND SEWER  
SYSTEM PROJECTS, URBANA**

(21) The President of the University, with the concurrence of appropriate administrative officers, recommends the employment of Wilson & Anderson, Champaign, for complete engineering services for alterations, improvements, or extensions of the water and sewer systems at the Urbana-Champaign campus. The projects are to be undertaken as ordered by the Department of Plant and Services during Fiscal Year 1970, at a fee based on Schedule "A" of the recommended fees adopted by the Illinois Society of Professional Engineers, plus field supervision when requested on the basis of actual cost of wages, plus 100 per cent.

No work will be authorized until funds budgeted for each project are available and assigned to the engineer under this contract.

The Committee on Buildings and Grounds and the Advisory Committee on Architectural and Engineering Services approved this recommendation.

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

**CHANGE ORDER — COMPUTER LEASE/ACQUISITION**

(22) The Administrative Data Processing Division is presently leasing a 360/50 computing system from the International Business Machines Corporation under the provisions of an Agreement for IBM Machine Service dated February 13, 1964. This system was installed in May of 1967 to replace and update an earlier generation of equipment and to meet the expanded computer requirements of the Urbana-Champaign campus. Programs (software) have been developed and refined for use with this equipment. The current total rental for the Central Processing Unit is \$175,602 per annum, including maintenance.

International Business Machines Corporation has proposed a change order to the existing Agreement for IBM Machine Service (lease agreement) which would permit the University to acquire title to the Central Processing Unit at a total cost of \$533,690.57 with payments to spread over a five-year period, said payments to be subject to the availability of funds and in accordance with the following schedule.

Fiscal Year 1970 .....	\$105 382 30
Fiscal Year 1971 .....	113 459 15
Fiscal Year 1972 .....	108 796 44
Fiscal Year 1973 .....	104 133 74
Fiscal Year 1974 .....	99 471 03
Fiscal Year 1975 .....	2 447 91

In addition, the University will pay \$38,491 for maintenance over the five-year period.



The net result of this change order will be to effect a total savings over the five-year period of \$305,828.43 and at the end of said period title to the equipment will be vested in the University.

Funds are available in the regular operating budget generated from charges to those departments using the computer.

The President of the University, with the concurrence of appropriate administrative officers, recommends that the Board authorize the Comptroller and the Secretary of the Board of Trustees to accept the proposal of International Business Machines Corporation as outlined above and to execute such contracts, change orders, or other appropriate documents as may be necessary to acquire title to the Central Processing Unit in accordance with the plan here described.

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

#### LEASE AND ACQUISITION OF AIRPLANES

(23) In an effort to upgrade the University's fleet of airplanes, the Purchasing Division, at the request of the Institute of Aviation, has sought and received bids for the purchase of six two-engine airplanes. The bid proposal requested a net price after deduction of trade-in allowances for thirteen used aircraft presently owned by the University. Bidding was advertised in accordance with the requirements of the Illinois Purchasing Act and bids were opened on September 30, 1969. The low bid was Bi-State Aviation, Inc., with a bid of \$344,263.57 after trade-in allowances.

It is recommended that this acquisition be financed through an agreement with the University of Illinois Foundation to the following effect:

1. That the University transfer title to the thirteen used aircraft to Bi-State Aviation, Inc.
2. That the University assign the low bid of Bi-State Aviation, Inc., to the University of Illinois Foundation with the understanding that the Foundation will purchase the six new two-engine airplanes described in the bid documents at the total price of \$344,263.57 and lease said six new two-engine airplanes to the University.
3. That to finance this transaction the Foundation will borrow \$240,000.00 from the First National Bank of Chicago, Illinois, at an interest rate of five per cent per annum with said loan to be repaid over a five-year period.
4. That the Foundation will lease said new planes to the University for a five-year period upon payment by the University to the Foundation of an initial sum of \$104,263.57 and quarterly rental payments sufficient to amortize the Foundation's borrowing in connection with this transaction.
5. Rental payments to be made by the University shall be subject to availability of funds generated by the operation of the staff air transportation service and from further additions to the Aircraft Replacement Reserve.
6. Upon payment by the University of the rentals due under this arrangement, the Foundation shall transfer title to the six new planes to the University.

Funds for the payment of the initial payment of \$104,263.57 are available in the Institute of Aviation Aircraft Replacement Reserve.

The President of the University, with the concurrence of appropriate administrative officers, recommends that the Comptroller and the Secretary of the Board of Trustees be authorized to execute on behalf of the University an agreement with the University of Illinois Foundation for the financing of the purchase of these planes in accordance with the plan outlined above and to execute such other legal documents as may be necessary to implement this plan.

On motion of Mr. Swain, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr.

Hughes, Mr. Pogue, Mr. Swain; no, none; absent, Mr. Jones, Governor Ogilvie, Mr. Page, Mr. Steger, Mr. Stone.

#### PURCHASES

(24) The President submitted, with his concurrence, a list of purchases recommended by the Directors of Purchases and the Vice President and Comptroller.

The list of purchases was presented in two categories: purchases from appropriated funds (i.e., from state appropriations to the University) and purchases from institutional funds. The latter term designates funds received by the University under contracts with the United States government, contracts with private corporations and other organizations, funds from foundation grants, and grants from corporations and other donors, and University revolving funds authorized by law.

The total amounts of these purchases were:

From Appropriated Funds.....	\$164 659 96
From Institutional Funds.....	256 648 28
<i>Total</i> .....	<u>\$421 308 24</u>

A complete list of the purchases, with supporting information, including the quotations received, was sent to each member of the Board in advance of the meeting, and a copy is being filed with the Secretary of the Board for record.

On motion of Mr. 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 Directors of Purchases in amounts of \$5,000 to \$7,500. A copy of this report is filed with the Secretary.

This report was received for record.

#### COMPTROLLER'S MONTHLY REPORT OF CONTRACTS EXECUTED

(26) The Comptroller's monthly report of contracts executed was presented.

##### Medical Center

##### *New Contracts*

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
State of Illinois Department of Public Health	Nurses training—coronary care	\$ 41 206
	Nurses training—public health nursing	63 012
United States Army DADA 17-70-C0004	Comparison of hemoglobin solution versus albumin solution in treatment of hemorrhagic shock in the baboon	45 000
<i>Total</i>		<u>\$149 218</u>

##### *Change Orders*

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>
Fries Walters Company	Cost-plus contract—	
	Student residence hall, renovation of walk-in refrigerators	\$ 8 948
	Student residence hall, rehabilitation of freezer units	5 354
Nu-Way Contracting Corporation	Cost-plus contract—	
	Student residence hall, rehabilitation of freezer units	6 159
	Student residence hall, renovation of walk-in refrigerators	11 309
Simpson Construction Company	Cost-plus contract—general work:	
	Distribution building, repair steam lines	11 734
<i>Total</i>		<u>\$ 43 504</u>

**Urbana-Champaign**  
*New Contracts*

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
Flint Community Schools, Flint, Michigan	Follow-Through Implementation program	\$ 8 714
Illinois State Library	Library career recruitment project	28 409
McDonnell Douglas Corporation	Crossed field photomultiplier research	9 874
Ohio State University Research Foundation	Junior high school industrial technology curriculum	9 551
Rosebud Sioux Tribe Community Action Agency, Rosebud, South Dakota	Follow-Through Implementation program	6 467
State of Illinois Department of Public Safety	Firemanship training program	100 000
Tennessee Valley Authority TV 32645A	Role of nitrogen fertilizers in water pollution as affected by rate and time of application	23 100
Tupelo, Mississippi, Public Schools	Follow-Through Implementation program	13 895
Uvalde, Texas, Independent School District	Follow-Through Implementation program	18 452
United States Department of Health, Education, and Welfare: OEC-0-9-644015-4716(399)	National Conference on Health Occupations Edu- cation	45 000
OEG-0-9-230330-4435(010)	Effects of personality motivation and reward on the learning of high school students	101 411
OEG-0-9-231067-3075(031)	Fellowship program for studies of various types of handicaps	336 100
OEG-9-230215(068)	Graduate fellowship program for prospective teach- ers in foreign language area	5 058
<i>Total</i>		<u>\$706 031</u>

*Change Orders*

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
California Institute of Technology—Jet Propulsion Laboratory	Research of radiant heat exchange in a space en- vironment	\$ 34 987
Griffin Wheel Company	The improvement of cast steel railway car wheels	35 100
Union Carbide Corporation, Nuclear Division	Prestressed concrete pressure vessels for nuclear reactors	50 000
United States Department of Health, Education, and Welfare: OEG-0-9-231067-3075(031)	Fellowship program for studies of various types of handicaps	17 500
OEG-9-230215-068	Graduate fellowship program for prospective teach- ers in foreign language area	5 611
United States Navy 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	45 000
<i>Total</i>		<u>\$188 198</u>

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>
Dean Evans Company	Cost-plus contract — general work: 1102A West Main Street McKinley Hospital	\$ 6 110 9 000
<i>Total</i>		<u>\$ 15 110</u>

**Summary**

Amount to be paid to the University:		
Medical Center.....		149 218
Urbana-Champaign.....		894 229
<i>Total</i> .....		<u>\$1 043 447</u>
Amount to be paid by the University:		
Medical Center.....		\$ 43 504
Urbana-Champaign.....		15 110
<i>Total</i> .....		<u>\$ 58 614</u>

This report was received for record.

**INVESTMENT REPORT**  
**For the Months of June, July, and August, 1969**

**Report of the Finance Committee**

(27) The Finance Committee reported the following changes in investments of endowment funds:

*Beckwith*

Purchases:

\$90 000 Commodity Credit notes due 8/1/69.....	\$ 89 185 88
8 000 U.S. Treasury bills due 10/31/69.....	7 811 02

*Pool*

Purchase:

\$20 000 Commercial Credit Company demand notes.....	20 000 00
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*Rust*

Sales:

\$12 000 Walter E. Heller & Company demand notes.....	12 000 00
73 000 U.S. Treasury bills due 6/30/69.....	72 938 15

Purchase:

\$85 000 Commodity Credit notes due 8/1/69.....	84 231 10
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**Report of the Comptroller**

The Comptroller reported the following changes in investments of current and unexpended plant funds, which he has been authorized to make:

*Current Funds*

*Ford Foundation — General Engineering*

Sale:

\$83 000 U.S. Treasury bills due 6/30/69.....	\$ 82 929 68
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Purchases:

\$85 000 Commodity Credit notes due 8/1/69.....	84 231 10
23 000 U.S. Treasury bills due 11/6/69.....	22 593 36

*Ford Foundation — Nonwestern Programs*

Sale:

\$60 000 U.S. Treasury bills due 6/23/69.....	59 747 92
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Purchase:

\$100 000 Commodity Credit notes due 8/1/69.....	99 095 41
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*Restricted Group*

Purchases:

\$1 000 000 Household Finance notes due 7/17/69.....	992 739 58
325 000 U.S. Treasury bills due 8/14/69.....	322 353 67
1 000 000 Cargill notes due 10/3/69.....	974 159 72
500 000 Motorola notes due 10/17/69.....	485 809 03
1 000 000 Avco Delta notes due 11/5/69.....	967 923 61
1 000 000 B-W Acceptance notes due 11/5/69.....	980 166 67
1 000 000 Household Finance notes due 11/5/69.....	979 930 56
1 000 000 Hallmark Cards notes due 11/17/69.....	968 159 73
1 000 000 Federal National Mortgage Association notes due 12/17/69.....	958 678 47
1 000 000 Local Loan 8½ per cent notes due 1/5/71.....	1 000 000 00

*Star Course Agency*

Purchase:

\$20 000 U.S. Treasury bills due 2/28/70.....	19 031 00
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*Stubbins Student Loan Fund*

Purchase:

\$11 000 U.S. Treasury bills due 2/28/70.....	10 467 05
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*Plant Funds**Assembly Hall Construction Fund*

## Purchase:

\$233 000 U.S. Treasury bills due 2/28/70.....	221 711 15
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*Chicago Escrow Account*

## Purchases:

\$80 000 Commodity Credit notes due 8/1/69.....	79 276 33
87 000 U.S. Treasury bills due 7/31/70.....	80 850 16

*Florida Avenue Residence Halls*

## Purchases:

\$286 000 U.S. Treasury bills due 8/14/69.....	282 870 35
836 000 U.S. Treasury bills due 2/28/70.....	795 495 80
9 000 U.S. Treasury bills due 4/30/70.....	8 558 52

*Krannert Art Objects*

## Purchase:

\$410 000 Commodity Credit notes due 8/1/69.....	406 291 22
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*Krannert Contributions*

## Purchase:

\$285 500 Cargill 5% per cent notes due 6/30/76.....	285 500 00
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*Sinking Funds**Assembly Hall*

## Purchases:

\$ 50 000 U.S. Treasury bills due 3/31/70.....	47 603 75
300 000 U.S. Treasury 6¾ per cent notes due 8/15/70.....	297 039 75

*Housing Revenue Bonds*

## Purchases:

\$ 345 000 U.S. Treasury bills due 2/28/70.....	329 814 25
397 000 U.S. Treasury 4 per cent bonds due 8/15/70.....	384 097 50
683 000 U.S. Treasury 5¾ per cent notes due 2/15/71.....	663 363 75
1 442 000 U.S. Treasury 7¾ per cent notes due 2/15/71.....	1 440 558 00
144 500 U.S. Treasury 4 per cent bonds due 8/15/71.....	135 875 16

*Illini Union and Health Center*

## Purchases:

\$323 000 U.S. Treasury bills due 7/31/70.....	299 787 07
37 000 U.S. Treasury 7¾ per cent notes due 2/15/71.....	36 630 00

*Men's Residence Halls Revenue Bonds of 1957*

## Purchases:

\$105 000 U.S. Treasury bills due 9/25/69.....	103 767 71
46 000 U.S. Treasury bills due 3/23/70.....	43 686 78

*Dormitory Revenue Bonds of 1956*

## Purchases:

\$40 000 U.S. Treasury bills due 6/30/70.....	37 256 93
16 000 U.S. Treasury 7¾ per cent notes due 2/15/71.....	15 984 00

*Student Services Building*

## Purchases:

\$55 000 U.S. Treasury bills due 9/25/69.....	54 364 44
23 000 U.S. Treasury bills due 3/23/70.....	21 843 39

*Women's Residence Halls Revenue Bonds*

## Purchases:

\$60 000 U.S. Treasury bills due 9/25/69.....	58 945 75
61 000 U.S. Treasury bills due 3/23/70.....	58 028 96

This report was received for record.

#### APPOINTMENT OF VICE CHANCELLOR FOR CAMPUS AFFAIRS, URBANA

(28) The Chancellor at Urbana-Champaign recommends the establishment of the position of Vice Chancellor for Campus Affairs, and the appointment to that position of George T. Frampton, presently Professor of Law. Professor Frampton's appointment will become effective February 1, 1970, on a ten-month service basis, at a salary of \$32,000.

This position was approved by the Urbana-Champaign Senate at its meeting on June 2, 1969. The Senate appointed a committee to advise the Chancellor on the selection of this Vice Chancellor, and this recommendation comes to you after the Chancellor has consulted with this committee.<sup>1</sup>

As recommended in the motion approved by the Senate, the Vice Chancellor for Campus Affairs shall act for the Chancellor in matters relating to the quality of extra-academic life on the campus and such other duties as the Chancellor may assign. On the occasion of each appointment of a Vice Chancellor for Campus Affairs the Chancellor shall have the advice of an ad hoc committee of the Senate composed of faculty and students.

This appointment is supported by the Executive Vice President and Provost. I concur.

On motion of Mr. Swain, this position was authorized and the appointment was approved.

#### ACTING DEAN OF THE GRADUATE COLLEGE, CHICAGO CIRCLE

(29) The Chancellor at Chicago Circle has recommended that Dr. Jan Rócek, presently Professor of Chemistry, be appointed as Professor of Chemistry on indefinite tenure and Acting Dean of the Graduate College effective October 1, 1969, on a twelve-month service basis, at an annual salary of \$29,000.

Dr. Rócek replaces Dr. William Rostoker who was Acting Dean from September 1, 1968, through August 31, 1969.

The Executive Vice President and Provost concurs.

I recommend approval.

On motion of Mr. Clement, this appointment was approved.

#### RESOLUTION FROM THE CHICAGO CIRCLE SENATE ON EQUAL EMPLOYMENT OPPORTUNITIES

(30) On October 8, 1969, the Faculty Senate at the Chicago Circle campus took action in which it "endorses the specific demands by the Coalition for United Community Action and strongly urges President Henry and Chancellor Parker to take whatever steps they can to halt construction at the Chicago Circle campus until the building trades union has settled with the Coalition." (A copy of the full text is printed below.)

Under the existing contracts for construction, the contractor is required to comply with Executive Order No. 11246 and all orders of the Secretary of Labor concerning equal employment opportunities and nonsegregated facilities and to submit evidence of the contractors' affirmative actions to increase the objectives of the Executive Order. Affirmative action requires the contractor to make specified good faith efforts to increase minority representation on his work force. The criteria for evaluation of the contractor's good faith have been developed by the federal agencies. The contractor's actions in this area are reported to both the University and the federal agencies at periodic intervals. On the basis of these reports, the University officers have concluded that the contractors have met their affirmative action contract obligations as presently defined. Accordingly, there appears to be no legal basis for recommending that the Illinois Building Authority halt construction for noncompliance on University of Illinois projects.

<sup>1</sup> Orville G. Bentley, Professor of Animal Science and Dean of the College of Agriculture, Chairman; John F. Due, Professor of Economics; Herbert S. Gutowsky, Professor of Chemistry and Head of the Department; Walter E. Massey, Assistant Professor of Physics; and the following students: David N. Addison; Lawrence S. Rabyne; Dixon A. Thompson; James P. Yesinowski.

The University of Illinois has accepted as an institutional objective the employment of increased numbers of minority groups in all areas where the University has authority for direct employment. At the same time, the University has taken the initiative to encourage the contractors to employ greater numbers of minority groups. Progress has been made since the Affirmative Action program was initiated in 1968 but the increases in employment of workers from minority groups in some crafts have not met expectations.

The question as to how to increase the number of craftsmen and supervisors from minority groups in the construction industry has become a subject of national as well as statewide concern. The University, as a public agency, will continue to make every effort to encourage formulation and implementation of arrangements which will produce greater achievement in the future than has occurred in the past.

At the present time, University representatives are discussing possible additional steps with the Equal Employment Opportunity Committee of the Board of Higher Education, with representatives of contractors, unions, and the United States Department of Labor. A full report of the results of these discussions will be presented to a subsequent meeting of the Board of Trustees.

On motion of Mr. Swain, President Henry's statement was adopted.

#### Resolution Passed at Chicago Circle Senate, October 8, 1969

The Senate is encouraged by the statement of President David D. Henry and Chancellor Norman A. Parker regarding employment of minority workers in the construction industry. The Senate is glad that the University will make every effort to promote arrangements between state contracting agencies and construction firms that guarantee more jobs for black workmen.

However, the Senate endorses the specific demands made by the Coalition for United Community Action; and strongly urges President Henry and Chancellor Parker to take whatever steps they can to halt construction at the Chicago Circle campus, until the Building Trades Union has settled with the Coalition. The discriminatory practices of the construction firms and trade unions may violate state and federal law, but they certainly violate the human dignity of black people. Therefore contracts with these firms should not be honored.

#### DEGREES CONFERRED

The Secretary presented for record the following list of degrees conferred on candidates at the Urbana-Champaign campus on October 15, 1969.

#### Summary

Graduate College	
Doctor of Philosophy.....	307
Doctor of Education.....	17
Doctor of Musical Arts.....	6
Master of Arts.....	53
Master of Science.....	81
Master of Music.....	1
Master of Education.....	9
Master of Social Work.....	4
Master of Architecture.....	1
Master of Business Administration.....	1
Master of Comparative Law.....	1
Master of Landscape Architecture.....	1
Master of Urban Planning.....	1
Advanced Certificate.....	2
Certificate of Advanced Study in Librarianship.....	1
<i>Total, Graduate College.....</i>	<i>(486)</i>
College of Agriculture	
Bachelor of Science.....	2
College of Engineering	
Bachelor of Science.....	7

College of Liberal Arts and Sciences	
Bachelor of Arts.....	26
Bachelor of Science.....	10
<i>Total, College of Liberal Arts and Sciences.....</i>	<i>(36)</i>
College of Education	
Bachelor of Science.....	1
College of Commerce and Business Administration	
Bachelor of Science.....	9
College of Communications	
Bachelor of Science.....	2
College of Fine and Applied Arts	
Bachelor of Architecture.....	2
Bachelor of Fine Arts.....	4
Bachelor of Music.....	1
Bachelor of Science.....	1
<i>Total, College of Fine and Applied Arts.....</i>	<i>(8)</i>
College of Physical Education	
Bachelor of Science.....	1
<i>Total, Degrees Conferred at the Urbana-Champaign Campus.....</i>	<i>552</i>

### GRADUATE COLLEGE

#### Degree of Doctor of Philosophy

##### *In Accountancy*

CHARLES GRIFFIN CARPENTER, B.S., Elmhurst College, 1961; M.S., 1963  
 ALAN PACKARD JOHNSON, B.A., M.A., Brigham Young University, 1954, 1960;  
     M. Bus. Admin., Indiana University, 1955  
 JAMES MONTGOMERY LAHEY, B.S., M.A.S., 1961, 1962

##### *In Aeronautical and Astronautical Engineering*

TOM JENNINGS FORSTER, B.S., United States Naval Academy, 1954; M.S., Air  
     Force Institute of Technology, 1964  
 GERALD RAY KARR, B.S., M.S., 1964, 1966  
 RIMANTAS LIAUGMINAS, B.S., M.S., 1961, 1964

##### *In Agricultural Economics*

TONGROJ ONCHANDRA, B.S., Kasetsart University, 1964; M.S., 1966

##### *In Agronomy*

CLIFFORD ALEX ADAMS, B.Sc., University of Wales, 1964; M.Sc., University of  
     Guelph, 1966  
 ALAN RONALD ASTON, B.Sc.Agr., University of Sydney, 1963; M.Sc., University  
     of New England (New South Wales), 1966  
 SHAMBHU NATH DUBEY, B.Sc., Benares Hindu University, 1950; Assoc., Indian  
     Agricultural Research Institute (New Delhi), 1955  
 JOHN EARL ELSNER, B.S.A., M.S., University of Georgia, 1964, 1966  
 TOM D. HUGHES, B.S., M.S., Oklahoma State University, 1963, 1966  
 LOWELL ARTHUR KLEPPER, B.S., University of Missouri, 1964  
 MING-CHIN LIU, B.Agric., Taiwan Provincial Chung Hsing University, 1953;  
     M.Sc., University of Wyoming, 1966  
 BINDESHWARI PRASAD PANDYA, B.S., Agra University, 1948; M.S., Government  
     Agricultural College (Kanpur), 1951; M.S., 1964  
 ROBERT LEE WESTERMAN, B.S., M.S., Oklahoma State University, 1961, 1963

##### *In Animal Science*

JAMES FRANCIS ROCHE, B.Agr.Sc., M.Agr.Sc., University College (Dublin), 1965,  
     1966

##### *In Anthropology*

NORRIS GLEN LANG, A.B., 1960  
 MILFORD HOWELL WOLPOFF, A.B., 1964



*In Astronomy*

THOMAS EDWARD LUTZ, B.M.E., Manhattan College, 1962; M.S., 1965  
RICHARD RAY RINGENBERG, B.S., M.S., 1964, 1966

*In Biology*

PETER JOHN BRUNS, A.B., Syracuse University, 1964  
BIRUTĖ PLEŠKYS JAKŠTYS, B.S., M.S., 1960, 1964  
CHARLES WILSON RADCLIFFE, A.B., Indiana University, 1962  
MARY PATRICIA WHITE, A.B., Indiana University, 1965; M.S., 1968

*In Biophysics*

RICHARD JOSEPH STEVENS, B.S., University of Rochester, 1963; M.S., 1965  
WILLIAM MACE VAUGHAN, B.S., Wittenberg University, 1964; M.S., 1966

*In Botany*

SUSAN JEAN GABAY, A.B., Hunter College, 1962; M.S., 1965  
SYLVIA MARGARET OLD, B.Sc., University of Hull, 1966

*In Business*

HANAFI MAHMOUD SOLIMAN, B.Com., Alexandria University, 1956; M.Bus.Adm.,  
Indiana University, 1965

*In Ceramic Engineering*

JOHN PAUL DE LUCA, B.S., M.S., 1966, 1967  
JAMES ALLEN LAIRD, B.S., M.S., 1960, 1967

*In Chemical Engineering*

SHUN CHONG FUNG, B.S., University of California, 1965; M.S., 1967  
PHILIP MARTIN GRESHO, B.S., M.S., 1961, 1961  
GEORGE MITCHEL HOMSY, B.S., University of California, 1965; M.S., 1967  
ROBERT CLIFFORD LINDBERG, B.S.Ch.E., Purdue University, 1965; M.S., 1967  
KAMALESH KUMAR SIRKAR, B.Tech., Post Grad.Dipl., Indian Institute of Technol-  
ogy (Kharagpur), 1963, 1964; M.S., 1966  
HOWARD WAYNE SMITH, B.S.Ch.E., Northwestern University, 1965; M.S., 1967  
PATRICK FRANK TOMLAN, B.S., University of Minnesota, 1965; M.S. 1967  
STANLEY ALAN VEJTASA, B.S., University of Minnesota, 1965; M.S., 1967

*In Chemistry*

STANLEY EDWARD ANDERSON, JR., B.S., Wheaton College, 1965  
ROBERT FIELDING AYCOCK, B.S., North Texas State University, 1963  
STEVEN DOUGLAS BEARE, B.A., Oakland University, 1965; M.S., 1967  
BRUCE HOWARD BERSTED, B.A., Beloit College, 1963; M.S., 1965  
DAVID ROSS BRITTELLI, B.S., University of Wisconsin, 1966  
DENNIS GLENN BROWN, B.A., Whitman College, 1965  
AARON RONALD BURKE, A.B., Kenyon College, 1965  
DONALD LEROY CAMPBELL, B.S., Iowa State University of Science and Technology,  
1962  
TOMMY LYNN CHAFFIN, B.S., Oklahoma State University, 1965  
DENNIS IRA CHAMOT, B.S., M.S., Polytechnic Institute of Brooklyn, 1964, 1964  
NORMAN DENNIS CHASTEEN, A.B., University of Michigan, 1965; M.S., 1966  
ALICE AE-SHIAN KAO CHEN, B.S., Taiwan Provincial Cheng Kung University,  
1964; M.S., 1966  
ROGER EARL CRAMER, B.S., Bowling Green State University, 1965; M.S., 1967  
ROBERT ERVIN CUNNINGHAM, JR., B.S., University of North Carolina, 1963; M.S.,  
1965  
WARREN CRAIG DUANE, B.S., M.S., Wayne State University, 1962, 1964  
FRED CARL FALKNER, B.S., Purdue University, 1964; M.S., 1966  
JOHN BRIAN FAUGHT, B.Sc., University of Windsor, 1965; M.S., 1967  
ROBERT HICKS FEIERTAG, B.A., Monmouth College, 1961; M.S., 1964  
BIMAL NARESH GANGULI, B.Sc., M.Sc., University of Poona, 1955, 1964; M.S., 1968  
ROBERT BRUCE GAYHART, B.A., Bellarmine College, 1964; M.S., 1966  
KENNETH WILLIAM HANCK, B.S., Illinois State University, 1964; M.S., 1966

- ELLIOT PAUL HERTZENBERG, B.S., Hofstra University, 1960; M.S., Adelphi University, 1965  
 JANE ALLEN KEEFER, B.S., University of Florida, 1962  
 LEE GREGORY KENT, B.S., Northwestern University, 1954; S.M., University of Chicago, 1955  
 BERT YOSHITO KIMURA, B.A., University of Hawaii, 1964; M.S., 1967  
 JOEL LEE KIRKPATRICK, B.S., M.S., Abilene Christian College, 1958, 1960  
 LARRY MARTIN LUDWICK, B.S., Mount Union College, 1963; M.S., 1966  
 WOODROW GORDON McDUGLE, JR., B.S., Baylor University, 1964; M.S., 1966  
 GARY LELAND MCPHERSON, B.S., University of Arizona, 1965; M.S., 1967  
 TERRY LYNN PASBY, B.A., Phillips University, 1965 (Posthumously)  
 JOHN MICHAEL POCHAN, B.Ch.E., Rensselaer Polytechnic Institute, 1964; M.S., 1966  
 BUREN RUSSEL REE, B.Sc., University of Alberta, 1964; M.S., 1966  
 GEORGE SANZONE, B.S., M.S., 1965, 1967  
 THOMAS GORDON SCOTT, A.B., University of Pennsylvania, 1963; B.A., University of Cambridge, 1965  
 PHILLIP ALLEN SHARP, B.S., Union College, 1966  
 JAMES EDWARD SHAW, B.S., Valparaiso University, 1965  
 HOWARD THEODORE SILVERSTEIN, B.A., Alfred University, 1965; M.S., 1967  
 SISTER HELEN ELSBERND, B.A., Viterbo College, 1965; M.S., 1967  
 DIANE DEE SPENCER, B.A., Indiana University of Pennsylvania, 1965; M.S., 1967  
 ROBERT GEORGE STONE, B.S., Gonzaga University, 1964; M.S., 1966  
 ROY ARCHIBALD SWARINGEN, JR., A.B., University of North Carolina, 1964; M.S., 1966  
 DONALD LEON TIBBETTS, B.S., Worcester Polytechnic Institute, 1965  
 JOE DAVID TONEY, B.S., Agricultural, Mechanical and Normal College (Arkansas), 1964; M.S., 1966  
 RANDOLPH LIEN-CHIN TSAI, B.S., National Taiwan University, 1964; M.S., 1968  
 MICHAEL HENRY VALEK, B.S., Texas A & M University, 1963; M.S., 1965  
 FRANCESCO MARIA VIGO, B.S., University of Notre Dame, 1962; M.S., 1965  
 PETER SCOTT WELCKER, B.S., Worcester Polytechnic Institute, 1965  
 SHIOU-FU WU, B.S., National Taiwan University, 1963  
 DAVID LOUIS ZELLMER, B.S., University of Michigan, 1964; M.S., 1966

#### *In Civil Engineering*

- ABDULGHAFOOR FAKIRMUHAMMAD ABBASI, B.E., University of Karachi, 1959; M.Eng., SEATO Graduate School of Engineering (Bangkok), 1962  
 YUAN CHUN EUGENE CHANG, B.S.C.E., St. John's University, 1942; M.S., 1948; B.T.E., M.S., Georgia Institute of Technology, 1952, 1953  
 BARRY JO DEMPSEY, B.S., M.S., 1960, 1966  
 REBII ERTAS, B.S., Robert College, 1964; M.S., 1965  
 DELROY JEFTAH FORBES, B.S.C.E., Illinois Institute of Technology, 1964; M.S., 1964  
 KARIM HABIBAGAH, B.S., M.S., 1965, 1967  
 DONALD JOSEPH HAGERTY, B.C.E., University of Louisville, 1965; M.S., 1967  
 S. GULZAR HAIDER, B.Sc., University of Punjab, 1958; M.S., B.Arch., 1962, 1968  
 HARRY LEONARD JONES, B.S.Arch.E., M.S.Arch.E., University of Texas, 1965, 1966  
 DEAN CLIVE MCKEE, B.S., Tulane University of Louisiana, 1951; M.S., Louisiana State University and Agricultural and Mechanical College, 1958  
 GHOLAMREZA MESRI, B.S., M.S., 1965, 1966  
 RAJASEKHARAN SHANKARAN NAIR, B.Tech., Indian Institute of Technology (Kharagpur), 1965; M.S., 1966  
 BIRGER SCHMIDT, Civil Engineer, Technical University of Denmark, 1960; M.S., 1962  
 MANFRED FRANZ STOCKER, Dipl.Ing., Technische Hochschule München, 1963; M.S., 1967  
 JOHN CARL THOMPSON, B.A.Sc., University of Toronto, 1963; M.S., 1965

#### *In Classical Philology*

- CHERRYLL ANN WAGNER, B.A., Montana State University, 1961; M.A., University of Washington, 1963

*In Communications*

- RICHARD ALLEN HATCH, B.S., Boston University, 1961  
 KIYOSHI NAGATA, B.A., Osaka University of Foreign Studies, 1961; M.S., 1967  
 FRANK NICHOLSON PIERCE, B.A., College of Wooster, 1948; A.M., University of Missouri, 1950  
 TULSI BHATIA SARAL, B.A., Punjab University, 1951; M.A., University of Lucknow, 1959; M.A., University of Pennsylvania, 1965

*In Dairy Science*

- DALE ELTON BAUMAN, B.S., M.S., Michigan State University, 1964, 1968  
 JOHN JACOB SNYDER, B.S., University of Pittsburgh, 1964; M.S., 1966

*In Economics*

- DAVID EARL AULT, B.S., Illinois State University, 1966  
 MARWAN MUKHTAR GHANDOUR, B.A., Long Island University, 1965; M.S., 1968  
 ZEINHOM MAHMOUD MOHAMED KABIS, B.Com., Cairo University, 1960; A.M., 1963  
 JOHN LEE MIKESELL, A.B., Wabash College, 1964; A.M., 1965

*In Education*

- WILLIAM RANDOLPH CANTRALL, A.B., M.S., 1949, 1951  
 THOMAS JAMES COONEY, B.Educ., M.Educ., University of Toledo, 1960, 1963  
 JESSICA HENDERSON DANIEL, B.S., Fayetteville State College, 1964; A.M., 1967  
 STEPHEN FRANCIS FOSTER, B.A., San Francisco State College, 1964; A.M., 1968  
 ERWIN JULIAN FRANCO, B.S., M.S., 1960, 1961  
 DAVID GREGG IMIG, A.B., A.M., 1961, 1964  
 JACK RANDOLPH KIRBY, B.Ed., Chicago Teachers College, 1951; M.Ed., M.A., DePaul University, 1964, 1969  
 DANIEL JOHN MUELLER, B.S., Concordia Teachers College (Illinois), 1963; A.M., 1965  
 MELVIN SOL SCHWAGER, B.S., M.S.Ed., City University of New York, 1962, 1964

*In Electrical Engineering*

- TIM ERIN, B.S., M.S., 1966, 1967  
 MICHAEL EDWARD FEIN, A.B., Harvard College, 1963; M.S., 1966  
 JOHN PETERSEN GORDON, B.S., M.S., Virginia Polytechnic Institute, 1953, 1959  
 EDWARD RICHARD GRUBERG, B.E.E., Cooper Union, 1961; M.S., 1962  
 SE JUNE HONG, B.S.E., Seoul National University, 1965; M.S., 1967  
 GERALD JOHN LIPOVSKI, A.B., B.S.E.E., Notre Dame University, 1966, 1966; M.S., 1967  
 DAVID CHARLES ROLLENHAGEN, Sc.B., Sc.M., Brown University, 1964, 1965  
 JON ALEXANDER ROSSI, B.S., M.S., University of California, 1964, 1965  
 ROBERT RICHARD VALLENI, B.S., M.S., 1964, 1966

*In English*

- ESTHER MAY FLEMING, B.A., M.A., Northern Illinois University, 1958, 1964  
 LORNE JOHN FORSTNER, B.A., M.A., University of Western Ontario, 1959, 1966  
 JOHN JOSEPH HAGGERTY, B.S., University of Scranton, 1959; A.M., 1961  
 ABBY ANN ARTHUR JOHNSON, B.A., Gustavus Adolphus College, 1963; M.A., University of Kansas, 1964  
 EUGENE PATRICK MCCREARY, A.B., Boston College, 1965; A.M., 1966  
 VICTOR ALFRED NEUFELDT, B.A., University of British Columbia, 1957  
 DENNIS MICHAEL OLIVER, B.A., University of Arizona, 1963; A.M., 1965  
 MARIANNE SHEARS POSTON, B.A., Western Maryland College, 1959; A.M., Boston University, 1961  
 EARL GEORGE SCHREIBER, B.A., State University of New York at Albany, 1965; M.A., Johns Hopkins University, 1966  
 WILLIAM RONALD TANKSLEY, A.B., Gonzaga University, 1963; A.M., 1966  
 JAMES WILLIAM TAYLOR, B.A., University of Wichita, 1954; M.A., University of Kansas, 1959  
 STEPHEN CHARLES ZELNICK, A.B., Temple University, 1963; A.M., 1965

*In Entomology*

FRANKLIN CHANG, B.S., University of Maryland, 1963  
GARY EUGENE EERTMOED, B.S.Ed., M.S., Illinois State University, 1961, 1963  
FRANK RAY VOORHEES, B.S., University of Florida, 1958; M.S., 1968  
RICHARD CHARLES WEDDLE, Ph.B., M.S., University of North Dakota, 1959, 1963

*In Finance*

CLARENCE RONALD SPRECHER, B.S., M.S., 1962, 1967

*In Food Science*

DAVID GILBERT CHASIN, B.S., 1964  
CARL WAYNE HASTINGS, B.S., M.S., 1964, 1967  
MARY STALDER PALUMBO, B.S., University of California (Davis), 1961; M.S., 1964

*In French*

RITA SPARROW MALL, B.A., Brooklyn College, 1957; M.A., New York University, 1960  
JULIA ANNE RAGSDALE SHINALL, B.S., B.A., Southern Illinois University, 1958, 1958; A.M., 1960

*In Genetics*

ARJUN SINGH, B.S., Uttar Pradesh Agricultural University, 1964; M.S., 1969

*In Geology*

LOUIS WINTERS BUTLER, II, B.S., M.S., San Diego State College, 1961, 1964  
DAVID LEE GROSS, A.B., Knox College, 1965; M.S., 1967  
DONALD STANLEY MARSALEK, B.S., M.S., 1961, 1969  
ROBERT WILLIAM PIERCE, A.B., Monmouth College, 1962; M.S., 1967  
DOUGLAS ELBRIDGE PRIDE, B.S., M.S., University of Wisconsin, 1964, 1966  
JAMES EDWARD ROCHE, B.S., University of Wisconsin, 1962; M.S., 1967

*In History*

DAVID EDWARD MEERSE, A.B., Doane College, 1961; A.M., 1964

*In Library Science*

WILLIAM CARL HIGHFILL, A.B., Oklahoma Baptist University, 1957; M.S., Kansas State Teachers College, 1961  
ROSE MARY MAGRILL, B.S., M.A., East Texas State University, 1960, 1961; M.S., 1964  
URSULA DE GUZMAN PICACHE, B.S.E., University of the Philippines, 1958; M.S., 1961

*In Linguistics*

LAWRENCE FRISBEE BOUTON, A.B., Yale University, 1953; M.A., State University of Iowa, 1962  
JOSEPH FREDERICK FOSTER, B.A., Louisiana State University and Agricultural and Mechanical College, 1965; A.M., 1967  
MARY JANE GALLAGHER, A.B., Barnard College, 1960; M.S., Hofstra College, 1962  
CHARLES WAYNE KISSEBERTH, B.A., University of Toledo, 1962; M.A., University of Pittsburgh, 1963  
FREDERICK JARET NEWMYER, B.A., M.A., University of Rochester, 1965, 1967  
BOHDAN SACIUK, A.B., A.M., 1964, 1965  
ANTHONY LADISLAV VANEK, A.B., University of California, 1961; A.M., Stanford University, 1963  
BRUCE EDWARD WILLIS, B.A., Macalester College, 1965; A.M., 1967

*In Mathematics*

DAVID CLAY HEATH, B.A., Kalamazoo College, 1964; A.M., 1965  
JERRY ALAN JOHNSON, B.S., Oklahoma State University, 1964; M.S., 1966  
THEODORE THOMAS PAPAS, A.B., Cornell University, 1963; A.M., 1965  
ROSS NELSON SCHNEIDER, B.S., M.S., Southern Illinois University, 1957, 1959  
CLARENCE DAY SHEPARD, B.Sc., M.A., Queen's University, 1962, 1965

MARY ELINORE BEATTIE THOMPSON, B.Sc., University of Toronto, 1965; M.S., 1966  
CHI SONG WONG, B.S., National Taiwan University, 1962; M.S., University of Oregon, 1966; M.S., 1967

*In Mechanical Engineering*

JAY TEMPLE BLACK, B.S., Lehigh University, 1960; M.S., West Virginia University, 1963  
EUGENE KENNETH BUCHHOLZ, B.S., M.S., University of Wisconsin, 1955, 1961  
JAMES LIN-SHENG CHEN, B.Sc., Taiwan Provincial Cheng Kung University, 1959; M.S., 1965  
LUNG CHENG, B.S.M.E., National University of Chekiang, 1945; M.Eng., McGill University, 1961  
WILLIAM FRANK HAHN, B.S.M.E., Valparaiso University, 1962; M.S., 1964  
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CAROLE ANN FARQUHAR, B.A., Bradley University, 1965

MARGARET ANDERSON LARSON, B.S., 1939

FRANKLIN BELL PERDUE, B.A., M.S., Baylor University, 1957, 1963

BRYCE TEMPLETON, A.B., Oberlin College, 1953; M.D., Case Western Reserve University, 1957

EMILY ELAINE WAHLBERG, B.S., University of Minnesota, 1961

LINDA SMITH WEIHL, A.B., 1963

ROGER DAVID WENBERG, B.S., 1963

**Degree of Master of Social Work**

DYVEKE WATSON BRYANT, A.B., University of California (Berkeley), 1956

LETHONEE HENDRICKS JONES, A.B., Western College, 1960

KAREN KAY MCCAUGHERTY, B.A., Southern Illinois University, 1964

FELIX MARIO VALBUENA, Pontificia Universidad Javeriana

**Degree of Master of Architecture**

PRAMOTE TANGTIANG, B.Arch., Chulalongkorn University, 1963

**Degree of Master of Business Administration**

WILLIAM EDWARD KENNEDY, B.S., 1967

**Degree of Master of Comparative Law**

FINN OLAF BJERKE, Cand.Jur., University of Oslo, 1965

**Degree of Master of Landscape Architecture**

GEORGE WASHINGTON CURRY II, B.A., B.S., Michigan State University, 1962, 1965

**Degree of Master of Urban Planning**

ROBERT EARL DANIEL, B.Arch.Eng., Washington State University, 1967

**Advanced Certificate***In Education*

DANIEL STEPHEN HURLEY, B.S., M.S., New York State University (Potsdam), 1954, 1960

FRED ADOLPH ROZUM, B.S., M.S., Illinois State University, 1949, 1956

**Certificate of Advanced Study in Librarianship**

FARKHONDEH SAIDI, Lic., Above Lic., Teheran University, 1959, 1968

**COLLEGE OF AGRICULTURE****Degree of Bachelor of Science***In Agriculture*

WILLARD VIAL

*In Home Economics*

CATHERINE ELLERBUSCH HARRE

**COLLEGE OF ENGINEERING****Degree of Bachelor of Science***In Aeronautical and Astronautical Engineering*ROBERT LAWRENCE RADKEY, Highest  
Honors

RANDALL GREGG STEVENS

*In Ceramic Engineering*

NORMAN GEORGE WOLCOTT, JR.

*In Civil Engineering*

WILLIAM JAMES FITZGERALD

JOHN FRANCIS MONSON

*In Electrical Engineering*

THOMAS EDWARD MARTIN

JEFFREY WALTER MITCHELL

**COLLEGE OF LIBERAL ARTS AND SCIENCES****Degree of Bachelor of Arts***In Liberal Arts and Sciences*

SUSAN MARY BECKER

JOYCE AUDREY MATSON

DAVID GERALD BOYD

GARY ROSS MCPHAIL

KATHRYN JOAN DAVIN

DIANE LOUISA PAUL

KAREN SPALTEN DEFALCO, Honors in

PAUL ANTHONY PIASKOWY

Liberal Arts and Sciences

MIRIAM EVELYN RINGER

LAWRENCE ERNEST ELLISON

HELEN BADONNA SAVITZKY

ADRIENNE LEE EPSTEIN

ALLEN JOSEPH STREICKER

ADRIENNE ANNABEL GOLEY

JOHN NEIL SULLIVAN

WILLIAM MCCORD GORDON

ANNA VERA TOKARCHUK

TIMOTHY XAVIER LANE

HOPE CORMAN WONG, Honors in

MARK JAY LOEWENSTEIN

Liberal Arts and Sciences

WILLIAM MARCUS

*In the Teaching of English*RUTH SMEJKAL EVANS, Honors in  
Liberal Arts and Sciences*In the Teaching of German*PAULA JEAN CLAYTON, High Honors in  
Liberal Arts and Sciences with  
High Distinction in the Curriculum*In the Teaching of Russian*

DIANN LOUISE WATSON

*In the Teaching of Social Studies*

KINNY GWEN ADAMS

*In the Teaching of Speech*

CRAIG LEIGH HAHN

**Degree of Bachelor of Science***In Chemistry*

SHARON KAY SCHUMACHER

*In Liberal Arts and Sciences*

RICHARD DALE BRADLEY, High Honors in Liberal Arts and Sciences	BRUCE MARTIN KRAMER SUSANNE KAY LILES
JEFFREY MALDEN JONES, High Honors in Liberal Arts and Sciences	RANDALL ALLEN PARKER CHARLES EDWARD SISSON
WILLIAM STANLEY KONETZKI	PHILLIP ALLEN YAFFA

*In the Teaching of Mathematics*

MARY RADAKOVICH, Honors in  
Liberal Arts and Sciences

**COLLEGE OF EDUCATION****Degree of Bachelor of Science***In Elementary Education*

LAURA LOWE McNICHOLAS

**COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION****Degree of Bachelor of Science***In Accountancy*

RICHARD EMERIC GEORGE DUSIC	MARK EDWARD LARSON, Honors
GLENN JUNIOR HOLLER	LAWRENCE CHARLES RUBIN

*In Industrial Administration*

JON RODGER HOCKENYOS	FRANK JEFFREY POLZ
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*In Management*

JERI SUE BARTH JOHNSON

*In Marketing*

HAROLD STEVEN NICHOLS	MARK EDWIN ROBBINS
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**COLLEGE OF COMMUNICATIONS****Degree of Bachelor of Science***In Communications*

TIMOTHY MICHAEL McAULIFF	JUDITH COSTA WERNER
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**COLLEGE OF FINE ARTS AND APPLIED ARTS****Degree of Bachelor of Architecture**

HARRY DAVID KIRBY	DAVID PAK-CHEUNG WONG
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**Degree of Bachelor of Fine Arts***In Graphic Design*

DIANE WALTZEK BOYER, Honors	NANCY JANE WESTERGREEN
KAREN FISCHMAN SAHARACK, Honors	

*In Industrial Design*

GERALD ALAN THOEMING

**Degree of Bachelor of Music**

CHRYSANNE PAGE LAWRENCE

**Degree of Bachelor of Science***In Music Education*

PATRICIA MARTIN PEARCE

**COLLEGE OF PHYSICAL EDUCATION****Degree of Bachelor of Science***In Recreation*

KENNETH CHARLES EMERSON

### SECRETARY'S REPORT

The Secretary presented for record appointments to the faculty made by the President; cancellation and resignations; leaves of absence and cancellation of leaves of absence. A copy of the report is filed with the Secretary.

### ANNOUNCEMENTS FROM THE PRESIDENT OF THE BOARD

#### FUTURE BOARD MEETINGS

The President of the Board reminded the Trustees that the next three meetings of the Board will be held on November 13 at the Chicago Circle campus, on December 17 at the Urbana-Champaign campus, and on January 21 at the Medical Center campus.

#### RECESS

On motion of Mr. Grimes, the regular meeting was recessed and the President of the Board stated that an executive session had been requested and was being ordered to consider recommendations relating to property acquisitions.

#### 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.

#### PROPOSAL FOR EXCHANGE OF LAND, URBANA

(31) On September 17, 1969, a spokesman for the Cooperative Ministry of the United Church of Christ requested that the Board of Trustees "endorse the proposal of the Cooperative Ministry of the United Church of Christ for the exchange of the property located at the northwest corner of Daniel and Sixth Streets for the property located at the southwest corner of Florida and Orchard Streets, and direct the Physical Plant Planning and Construction Department of the University of Illinois to enter into negotiations on the matter of a fair price to be paid to the ministry in addition to the exchange of land."

The proposal was discussed and it was the unanimous consensus of the Trustees present that the proposal not be approved.

There not being a quorum, formal action on the question was postponed.

The President of the University, with the concurrence of appropriate administrative officers, recommends that the exchange proposed by the Cooperative Ministry of the United Church of Christ not be approved.

On motion of Mr. Swain, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Pogue, Mr. Swain; no, none; absent, Mr. Jones, Governor Ogilvie, Mr. Page, Mr. Steger, Mr. Stone.

#### ESTATE OF ROBERT E. SPILLMAN

(32) Robert E. Spillman, who died December 12, 1967, left a will under which his widow is to receive approximately one-half of the estate, plus the life income from a trust consisting of the remainder of the property. At the widow's death, the University will become the beneficiary of the remainder trust. The estate includes approximately 1,050 acres of farm land near Peoria having an appraised value of \$528,500 which is presently allocated to the residuary trust.

Ownership of the estate assets is being litigated in the Circuit Court of Peoria County based on the business activities of the decedent, Robert Spillman, and his deceased brother, who farmed together during their lifetimes and died within a few months of each other. The brothers accumulated considerable



farm land, title to all of which was placed in the name of Robert Spillman. The brother's estate is claiming ownership of one-half of the land on the ground the brothers were farming partners, each contributing one-half of the purchase price and sharing equally in the income. The business records are in poor condition and tend to support in part the contentions of each side.

Under a proposed compromise, the Robert Spillman estate would convey to the brother's estate certain of the farm land with an appraised value of \$144,200 and transfer a savings account in the amount of \$13,744.64. Income from the property since the death of the brothers would be adjusted. The Robert Spillman estate would then be reallocated along the lines specified in the will. Robert Spillman's widow, whose share will be affected in the same proportion as the University's has agreed to the compromise. The University is not a party to the litigation but the trustee has requested approval of the proposed compromise.

The Vice President and Comptroller and the University Counsel recommend approval of the proposed settlement.

I concur.

On motion of Mr. Clement, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Pogue, Mr. Swain; no, one; absent, Mr. Jones, Governor Ogilvie, Mr. Page, Mr. Steger, Mr. Stone.

On motion of Mr. Clement, the Board adjourned.

R. C. WICKLUND  
*Assistant Secretary*

EARL M. HUGHES  
*President*

#### TOUR OF DIXON SPRINGS AGRICULTURAL CENTER

Following the meeting, members of the Board, officers of the University, and representatives of the Dixon Springs Agricultural Center held a cookout and took a tour of the Station and its operations.

**MEETING OF THE BOARD OF TRUSTEES**  
**OF THE**  
**UNIVERSITY OF ILLINOIS**

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**November 13, 1969**



The November meeting of The Board of Trustees of the University of Illinois was held at the Chicago Circle campus, Chicago, Illinois, on Wednesday, November 13, 1969, beginning at 9:30 a.m.

President Earl M. Hughes called the meeting to order and asked the Secretary to call the roll. The following members of the Board were present: Mr. Howard W. Clement, Mr. Donald R. Grimes, Mr. Ralph C. Hahn, Mr. Earl M. Hughes, Mr. Russell W. Steger, Mr. Timothy W. Swain. Mr. Theodore A. Jones, Governor Richard B. Ogilvie, Mr. Ray Page, and Mr. W. Clement Stone were absent.

Also present were President David D. Henry; Executive Vice President and Provost Lyle H. Lanier; Chancellor Joseph S. Begando, University of Illinois at the Medical Center; Chancellor J. W. Peltason, University of Illinois at Urbana-Champaign; Chancellor Norman A. Parker, University of Illinois at Chicago Circle; Dr. Eldon Johnson, Vice President of the University; Mr. C. S. Havens, University Director of Physical Plant Planning and Construction; Mr. C. E. Flynn, Assistant to the President and University Director of Public Information; Mr. James J. Costello, University Counsel; Mr. George H. Bargh, Executive Assistant to the President; and the officers of the Board, Mr. Morris S. Kessler, Assistant Comptroller; Mr. R. R. Manchester, Treasurer; and Dr. Earl W. Porter, Secretary.

**MEMORIAL TO HAROLD POGUE**

Mr. Swain presented the following:

The Board of Trustees of the University of Illinois records with profound sorrow the death on October 22, 1969, of Harold Pogue, a member of this Board for sixteen years and its President in 1940-41.

Active and successful in his own business ventures, he gave leadership to the Decatur Chamber of Commerce as its President from 1953 to 1955 and to the Illinois State Chamber of Commerce as a Director from 1957 to 1961.

The demands of business affairs did not prevent his assuming leadership in civic affairs and public service throughout his life. He freely gave of his efforts to local, state, and national governments in a variety of settings.

As alumni leader, star athlete, and member of this Board, his contributions to the University of Illinois were lifelong and were uniquely his own. His forthright counsel, perennial enthusiasm and wholehearted loyalty to the University were the hallmarks of his service as of his personality and character.

The members of The Board of Trustees of the University of Illinois desire to record in the minutes of today's meeting this tribute to a trusted and respected former colleague and a devoted alumnus and citizen and to extend to his family our deepest sympathy.

The President of the University and the other members of the staff who had the privilege of being associated with Mr. Pogue during his tenure on the Board desire to be included in this tribute.

This memorial was adopted by a standing vote.

**BUSINESS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY**  
The Board took up consideration of 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.

**REPORT ON RECENT EVENTS IN FEDERAL RELATIONSHIPS**

President Henry asked Vice President Eldon Johnson to summarize recent events in federal relationships, with particular attention to the role of the Association of American Universities.<sup>1</sup> (A summary of recent actions by the Association follows.)

**The Association of American Universities**

New York, October 22, 1969

The following four resolutions were adopted by the Association of American Universities at its meeting in New York City on October 22, 1969.

(1) *Federal Aid to Health Professions Education*

The nation faces expanding health care needs and a need for greater effectiveness in the delivery of health care. The Association of American Universities, recognizing these needs, considers increased federal appropriations and improved basic legislation for education in the health professions to be among the highest priorities for federal action. The nation's demands for increased numbers of well-trained health professionals, and the heavy costs of educating them at the high level of scientific competence that is essential to the best health care, combine to make Congressional action a matter of extreme urgency both for the society and for the universities. Without substantial increases in federal support, the universities that are asked to provide the great bulk of the nation's health manpower will not be able to produce well-trained persons in adequate numbers.

<sup>1</sup> At this point, Dr. John Pappademos, President for the Executive Board of the Chicago Circle Local 1627 of the American Federation of Teachers, who had been granted permission to make a presentation later, complained to the chairman that there were insufficient seats in the room for faculty members waiting outside who wished to hear the proceedings. He asked that the meeting be adjourned and moved to a larger room. On motion of Mr. Clement, the meeting was recessed and additional chairs were brought into the room for those waiting.

(2) *Institutional Support for Higher Education by the Federal Government*

The AAU endorses the proposed legislation which would establish a National Program of Institutional Grants (HR 11542, "The Miller Bill"). Provision of general institutional support for institutions of higher education is urgently needed, and passage of the bill would represent a substantial step towards this goal. Many of the changes in earlier versions of the bill that were advocated by the AAU have been made. Others which the AAU considers desirable have not been made, but if the bill becomes law, AAU will cooperate in studies of its operation as a guide to amendment as experience is gathered.

(3) *Selective Service*

We welcome the initiative of the President of the United States and the action of the Armed Services Committee of the House of Representatives in unanimously recommending passage of a bill to restore the President's authority to use random selection in determining the order of induction for qualified, non-deferred registrants, in preference to the oldest-first basis of call.

We urge the House and the Senate promptly to enact the bill reported by the House Armed Services Committee.

And we reaffirm our support under present circumstances for a policy of limiting induction liability to a one-year period, coupled with random selection, as expressed for the Association of American Universities by its president, David D. Henry, in the attached telegram of August 12, 1969.

While these changes may not provide a complete or ultimate solution, they seem to us important pending the completion of current studies of armed services manpower policy undertaken at the request of the President.

(4) *International Education*

The Association of American Universities reaffirms its previously stated endorsement of the International Education Act (incorporated in *The Federal Financing of Higher Education* report adopted by the AAU in April, 1968), and supports initial funding for this legislation in the current session of Congress. Passage of the International Education Act in 1966 recognized the great need to strengthen our national capacity for teaching and learning about world affairs and about foreign, particularly non-Western, cultures. It also recognized the critical shortage of financial resources for expanding and strengthening this dimension of American higher education. Recognizing the need for greater efforts to meet urban and other urgent domestic problems, the AAU nevertheless believes that we must not neglect our requirements for international studies and research. The AAU urges in the strongest possible terms that Congress this year approve the necessary appropriations to begin implementing the International Education Act.

**Telegram sent August 12, 1969**

PRESIDENT RICHARD M. NIXON  
The White House  
Washington, D.C.

On behalf of the Association of American Universities, composed of the Presidents of forty-two leading universities, I write to strongly endorse your wise May 13 proposal that Congress return to the President the power to modify call-up procedures for military service. The prevailing view holds that reduction of the period of prime draft vulnerability to one year, and a random selection system is urgently needed. Such an amendment would be a powerful factor in reducing campus tension. It would do away with the uncertainties that now unnecessarily prevent young men from planning ahead.

While views differ as to undergraduate deferment, there should be exposure to selection when deferment ends. Furthermore, graduate students who start an academic year should be allowed to complete the full year, particularly during 1969-70. However, our prime concern is reduction of the inequities and uncertainties in the entire system and not with any specific group, and we hope that your proposal will have early action.

Sincerely

DAVID D. HENRY, President,  
The Association of American Universities,  
and President, University of Illinois

c. Secretary of Defense Melvin R. Laird  
Members AAU Executive Committee

**PRESENTATION ON BEHALF OF THE CHICAGO CIRCLE  
FEDERATION OF TEACHERS**

The Chicago Circle Federation of Teachers had been granted permission to make a presentation under the emergency provision of the Board's procedures governing appearances. Dr. John Pappademos, President of the Executive Board of the Chicago Circle Federation of Teachers, spoke briefly and made three requests for action by the Board of Trustees: (1) A \$2,500 increase for faculty member retroactive to the beginning of the year. (2) A postponement of action by the Board of Trustees on the agenda item before them — "Annual Budget Request for Operations, FY1971." He stated that the request for operations had been developed "in secrecy" and that the faculty had not had a chance to know what was in it. (3) A request that in the future there be automatic across-the-board increases in salaries based on the cost of living.

Dr. Pappademos also asked others of his associates to speak — Herman B. Weissman, Professor of Physics at Chicago Circle, and Preston Browning, Assistant Professor of English at Chicago Circle.

**PROCEDURES GOVERNING APPEARANCES BEFORE  
THE BOARD OF TRUSTEES**

Mr. Grimes raised a question concerning the Board's procedures for presentations, which now suggest that materials be submitted in writing in advance of the presentation. He moved that the Board require the submission of written materials and that the requirement be enforced.

On motion of Mr. Clement, the motion was tabled.

**ANNUAL BUDGET REQUEST FOR OPERATIONS—FY 1971**

(1) The document, which was presented to the Board of Higher Education on November 4, 1969, includes all of the University's requests for appropriations for operations during FY 1971. The Board has already, on October 15, 1969, taken the following actions:

Approved increases totaling \$8,038,400 proposed under budget categories 8, 9, and 10 (New Programs, Program Expansion and Improvement, Other Specific Items) for transmittal to the Board of Higher Education and to appropriate offices of state government.

Authorized the President to approve and transmit to the Board of Higher Education and offices of state government the University's request for increases under budget categories 1 through 7, with the understanding that these requests will be prepared in accordance with statutory requirements or through the use of formulae and guidelines developed by the staff of the Board of Higher Education and its Budget Formula Committee.

It is now recommended that the Board of Trustees confirm the final request for operations as presented in the table on the following page. The full text of the document presenting the request for operations for the fiscal year 1971 is being filed with the Secretary of the Board.

President Henry then called upon Executive Vice President and Provost Lanier to speak to Item 1 on the agenda.<sup>1</sup>

Dr. Lanier indicated that funds to be requested for salary increases are determined by a formula developed by the staff of the Board of Higher Education and a Budget Formula Committee consisting of institutional representatives. Although the University could decide to seek a higher rate of increase than that yielded by

<sup>1</sup> During Dr. Lanier's presentation, Dr. Pappademos and others of his associates left the meeting. Mr. Clement moved that the record indicate that "those in attendance who appeared to be interested in the question of salary increases left the meeting before the information on this question was presented." Without objection, the motion was approved.

the formula, he said that the University Budget Committee had not thought it advisable to do so. The Provost reviewed the pattern of internal review of the request for operations, including salaries, indicating that faculty involvement is obtained through the budget committees of each of the campus Senates and through faculty representation on the University Budget Committee. He stated that the subject of across-the-board increases in salaries was considered by the University Budget Committee for 1969-70 but was rejected.

The Trustees then considered the agenda item before them and the requests of Dr. Pappademos. It was the consensus of the Board that the first two requests had been answered in the discussion and could not be granted; that the third—relating to automatic increases in the future—could not be acted upon at this time. By consensus, the Board agreed (1) to reflect to the Board of Higher Education through its representative (Mr. Clement) the concern in the minds of some faculty that the formula for requests for salary increases does not meet faculty needs and that the University of Illinois' position with regard to salary levels by rank, when compared with institutions with whom it must compete, has represented in recent years a "holding action" and that further improvement is necessary; and (2) that the President and Chancellors convey to the faculty at all campuses that the Board of Trustees shares the general unease at the present level of salaries during a period of rapidly rising prices.

It was pointed out that an official response to Dr. Pappademos and his associates would be inappropriate, inasmuch as the Board of Trustees is not in a position of negotiation with the American Federation of Teachers.

On motion of Mr. Swain, the recommendation of the President of the University that the Board confirm the final request for operations as presented to the Board of Higher Education was approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Steger, Mr. Swain; no, none; absent, Mr. Jones, Governor Ogilvie, Mr. Page, Mr. Stone.

#### Annual Budget Request for Operations, 1970-71

	<i>General Revenue and Income Funds</i>	<i>Agri- cultural Premium Fund</i>	<i>Total All Funds</i>
FY 1971 Increases Requested			
3. Salary Adjustments .....	\$ 11 310 840	\$ 56 040	\$ 11 366 880
4. Increased Enrollments .....	7 611 300	-0-	7 611 300
5. Operating Costs of New Buildings..	1 706 400	-0-	1 706 400
6. Price Increases .....	1 195 575	4 790	1 200 365
7. Refunds .....	104 725	-0-	104 725
8. New Programs <sup>1</sup> .....	4 073 900	-0-	4 073 900
9. Program Expansion and Improvement <sup>1</sup> .....	1 086 000	-0-	1 086 000
10. Other Specific Items <sup>1</sup> .....	2 878 500	222 500	3 101 000
<b>Increases for Operations.....</b>	<b>\$ 29 967 240</b>	<b>\$ 283 330</b>	<b>\$ 30 250 570</b>
1. Add Retirement System Contributions			
a. Current Funding Requirement...	14 622 260	6 460	14 628 720
b. Deficiency Funding (Non- recurring) .....	12 708 000	-0-	12 708 000
2. Total Increases Requested <sup>2</sup> .....	\$ 57 297 500	\$ 289 790	\$ 57 587 290
Add: Prior Year's Budget <sup>3</sup> .....	165 107 200	815 410	165 922 610
<b>Total Budget<sup>2</sup> .....</b>	<b>\$222 404 700<sup>3</sup></b>	<b>\$1 105 200</b>	<b>\$223 509 900</b>

<sup>1</sup> For details, see Minutes, October 15, 1969, pages 645-647.

<sup>2</sup> Does not include rentals to Illinois Building Authority, for which \$13,221,625 was appropriated for 1969-70.

<sup>3</sup> \$207,934,700 from General Reserve Funds and \$14,470,000 from University Income Fund.

### AWARD OF CERTIFIED PUBLIC ACCOUNTANT CERTIFICATES

(2) 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>
FREDERICK ERNEST BARTHEL	Northbrook, Illinois	Ohio
KENNETH GEORGE BASH	Urbana, Illinois	Pennsylvania
WILLIAM JOHN ROADFELDT	Downers Grove, Illinois	Minnesota
EUGENE WALTER SPANGLER	Pine Bush, New York	New York
JOHN LEIGH SAMPSELLE	Chicago, Illinois	Ohio

I concur.

On motion of Mr. Grimes, these certificates were awarded.

### DEANSHIP OF THE COLLEGE OF EDUCATION, URBANA

(3) The Chancellor at Urbana-Champaign has recommended the appointment of Dr. J. Myron Atkin, presently Professor of Science Education in the Department of Elementary Education and Associate Dean of the College of Education, as Dean of the College of Education effective February 1, 1970, on a twelve-month service basis, at an annual salary of \$29,000.

Professor Atkin will continue to hold the rank of Professor of Science Education on indefinite tenure.

Dr. Atkin will succeed Dr. Rupert N. Evans who asked to be relieved of this administrative assignment as of August 31, 1969. Dr. J. Marlowe Slater has been Acting Dean since September 1, 1969.

The nomination of Dr. Atkin was made on recommendation of the Search Committee<sup>1</sup> and after consultation with the Executive Committee of the College and the Dean of the Graduate College. The Executive Vice President and Provost concurs.

I recommend approval.

On motion of Mr. Swain, this appointment was approved.

### HEADSHIP OF THE DEPARTMENT OF MEDICINE, MEDICAL CENTER

(4) The Dean of the College of Medicine has recommended to the Chancellor at the Medical Center campus the appointment of Dr. Morton D. Bogdonoff, presently Professor of Medicine and Assistant Dean for Graduate Education at Duke University Medical Center, as Professor of Medicine on indefinite tenure, and Head of the Department beginning January 1, 1970, on a twelve-month service basis, at an annual salary of \$40,000.

This appointment is to succeed Dr. Harry F. Dowling, who has resigned as Head of the Department of Medicine effective December 1, 1969. Dr. Dowling will retire from the University as of this date.

The nomination of Dr. Bogdonoff is made with the advice of a search committee<sup>2</sup> and after consultation with all members of the faculty of the Department of Medicine of the rank of assistant professor and above. The Executive Vice

<sup>1</sup> Kenneth B. Henderson, Professor of Secondary and Continuing Education, *Chairman*; Max Beberman, Professor of Secondary and Continuing Education; Harry S. Broudy, Professor of Philosophy of Education; J. Thomas Hastings, Professor of Educational Psychology; Theodore Manolakes, Professor and Chairman of Department of Elementary Education; Robert W. Rogers, Professor of English and Dean of College of Liberal Arts and Sciences; Morton W. Weir, Professor and Head of Department of Psychology.

<sup>2</sup> Melvin Sabshin, M.D., Professor and Head of Department of Psychiatry, *Chairman*; Jerome J. Hahn, M.D., Associate Professor of Medicine; George E. Miller, M.D., Professor of Medicine and Director of the Office of Research in Medical Education; Lloyd M. Nyhus, M.D., Professor and Head of Department of Surgery; Neena B. Schwartz, Ph.D., Professor of Physiology and Assistant Dean for Faculty Affairs, College of Medicine; Irving Schulman, M.D., Professor and Head of Department of Pediatrics; Martin A. Swerdlow, M.D., Professor of Pathology.

President and Provost, the Chancellor, and the Dean of the Graduate College concur.

I recommend approval.

On motion of Mr. Swain, this appointment was approved.

#### APPOINTMENTS TO THE FACULTY

(5) 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; T— terminal appointment, accompanied with or preceded by notice of non-reappointment; W— one-year appointment subject to special written agreement; 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. GRACE S. HOLT, Associate Professor of Speech and Theatre, beginning September 1, 1969 (A), at an annual salary of \$14,000.
2. CATHERINE M. KELLEHER, Assistant Professor of Political Science, on one-half time for the fall quarter 1969-70 (G50) at a salary of \$2,000, and on full time for the winter and spring quarters (3) at a salary of \$8,000.
3. M. A. Q. KHAN, Associate Professor of Biological Sciences, beginning September 1, 1969 (Q), at an annual salary of \$11,500.
4. CHARLES R. LAWRENCE, Chief, Instructional Materials Production Center with rank of Assistant Professor, Office of Instructional Resources, beginning September 1, 1969 (1Y), at an annual salary of \$13,500.
5. CAROL J. LADWIG, Assistant Professor of Physical Education for Women, beginning September 1, 1969 (1), at an annual salary of \$10,200.
6. DONALD R. MOORE, Assistant Professor of Education in Research in Urban Education and in the College of Education, on one-half time, beginning September 1, 1969 (D50), at an annual salary of \$6,000.
7. SYLVIA VEDALAKIS, Assistant Professor in the Jane Addams Graduate School of Social Work, beginning September 1, 1969 (1Y), at an annual salary of \$12,200.
8. ARNOLD S. WAJENBERG, Catalog Librarian, with rank of Associate Professor, beginning December 1, 1969 (AY), at an annual salary of \$15,000.
9. MYRON ALAN WHITMAN, Assistant Professor, Student Counseling Service, beginning January 1, 1970 (1Y), at an annual salary of \$13,000.

#### Medical Center

10. LYNNE MARIA BYRNE, Assistant Professor, Curriculum in Medical Dietetics, School of Associated Medical Sciences, College of Medicine, beginning September 1, 1969 (1Y), at an annual salary of \$11,000.
11. GLEN D. DOBBEN, Professor of Radiology and Associate Radiologist, Research and Educational Hospitals, College of Medicine, beginning October 1, 1969, on three-tenths time (Q30), at an annual salary of \$10,000.
12. LEONARD FRANKLIN, Assistant Professor of Oral Diagnosis, College of Dentistry, beginning September 1, 1969, on one-tenth time (DY10), at an annual salary of \$1,200.
13. BETSY LOUISE HOLLI, Assistant Professor of Medical Dietetics in the Curriculum in Medical Dietetics, School of Associated Medical Sciences, College of Medicine, beginning October 20, 1969 (1Y), at an annual salary of \$11,500.
14. EDWARD J. JOHN, Assistant Professor of Orthodontics, College of Dentistry, on 40 per cent time, beginning September 1, 1969 (DY40), at an annual salary of \$4,000.



15. HARLAN S. McDANIEL, Assistant Professor of Physics in Pharmaceutical Chemistry, College of Pharmacy, beginning September 1, 1969 (1), at an annual salary of \$11,500.
16. MARIE SADLICK, Assistant Professor of Nursing, beginning September 1, 1969 (1), at an annual salary of \$12,500.
17. JANE WILSON, Administrative Assistant with rank of Assistant Professor, Library of Medical Sciences, beginning October 8, 1969 (1Y), at an annual salary of \$11,500.

#### **Urbana-Champaign**

18. WILLIAM F. BREWER, Research Assistant Professor in Institute of Communications Research and in Children's Research Center, and Assistant Professor of Psychology, beginning September 1, 1969 (1), at an annual salary of \$11,000.
19. JOHN DUNCAN, Assistant Professor of Industrial Engineering, Department of Mechanical and Industrial Engineering, beginning September 1, 1969 (1), at an annual salary of \$12,500.
20. CHARLES H. HENDERSON, Associate Professor in the Jane Addams Graduate School of Social Work, beginning November 1, 1969 (QY), at an annual salary of \$23,500.
21. GEORGE DEVRIES KLEIN, Associate Professor of Geology, beginning February 1, 1970 (A), at an annual salary of \$14,800 (on leave of absence without pay for 37 per cent time for the second semester).
22. FRANK L. MANELLA, Associate Professor, Police Training Institute, Division of University Extension, beginning October 15, 1969 (QY), at an annual salary of \$15,800.
23. KERWIN STEWERT, Assistant Professor of Dairy Husbandry in Dairy Science, beginning October 1, 1969 (1Y), at an annual salary of \$12,500.

#### **Visiting Staff**

24. JOSEPH L. BRAGA, Visiting Assistant Professor of Education, Chicago Circle, for the academic year 1969-70 (E), at a salary of \$11,000.
25. PHILLIP D. CUMMINS, Visiting Associate Professor of Philosophy, Urbana, for the period from February 1, 1970, through June 15, 1970 (E), at a salary of \$8,000.
26. AKIHIRO HASHIMOTO, Visiting Research Assistant Professor of Computer Science, Urbana, beginning September 17, 1969 (DY), at an annual salary of \$13,000.
27. MIKIO HIGA, Visiting Assistant Professor of Political Science, Urbana, for the academic year 1969-70 (D), at a salary of \$11,500.
28. SUSAN ELIZABETH KAYSER, Visiting Assistant Professor of Pharmaceutical Chemistry, College of Pharmacy, Medical Center, for the academic year 1969-70 (E), at a salary of \$11,000.
29. FRANCA T. KUCHNIR, Visiting Assistant Professor of Physics, Chicago Circle, for the academic year 1969-70 (E), at an annual salary of \$10,000.
30. D. GORDON MACDONALD, Visiting Associate Professor of Oral Pathology, College of Dentistry, Medical Center, for the period from October 1, 1969, through August 31, 1970 (DY), at a salary of \$15,125.
31. THEUNIS W. NAUDÉ, Visiting Associate Professor of Veterinary Toxicology in Veterinary Physiology and Pharmacology, College of Veterinary Medicine, and in Veterinary Research, Agricultural Experiment Station, Urbana, beginning September 1, 1969 (TY), at an annual salary of \$15,000.
32. JINDŘICH NEČAS, Visiting Professor of Mathematics, Chicago Circle, for the academic year 1969-70 (E), at an annual salary of \$20,000.
33. MATAO NODA, Visiting Professor of Philosophy, Urbana, for the second semester 1969-70 (E), at a salary of \$10,000.
34. ELIZABETH PRIBIC, Visiting Associate Professor of Slavic Languages and Literatures, Chicago Circle, beginning September 1, 1969 (D), at an annual salary of \$15,000.
35. ROZANN C. ROTHMAN, Visiting Assistant Professor of Political Science, Urbana, on one-half time, for the academic year 1969-70 (D50), at an annual salary of \$4,500.

#### **Administrative Appointment**

36. LEHYMANN F. ROBINSON, Acting Director, Office of Admissions and Records, Chicago Circle, on three-fifths time, and Assistant Director, University

Office of School and College Relations, Urbana, on two-fifths time, beginning October 1, 1969 (DY), at an annual salary of \$18,400.

On motion of Mr. Hahn, these appointments were confirmed.

#### **SABBATICAL LEAVE OF ABSENCE, 1969-70, CHICAGO CIRCLE**

(6) In accordance with the provisions of the University of Illinois *Statutes*, I recommend that Carl M. Larson, Associate Professor of Marketing at Chicago Circle, be given a sabbatical leave of absence with full pay for the spring quarter, 1970, to complete a retailing textbook and to do research on the structure of a community newspaper's market.

On motion of Mr. Hahn, this leave was granted as recommended.

#### **REORGANIZATION OF THE DEPARTMENT OF NEUROLOGY AND NEUROSURGERY OF THE COLLEGE OF MEDICINE, MEDICAL CENTER**

(7) The Medical Center Senate has recommended the establishment of separate departments of Neurology and Neurosurgery to replace the existing Department of Neurology and Neurosurgery, effective September 1, 1970.

It is believed that the proposed reorganization will establish improved administrative arrangements in the two fields for clinical service and consultation, for student-learning and resident-training programs, and for stimulation of clinic and basic neurological research.

It is significant that very few medical schools now have combined departments of neurology and neurosurgery, and of those that do, several are in the process of dividing them. The proposal to create separate departments of Neurology and Neurosurgery recognizes the growth of both disciplines into distinctive specialties, each with its own certifying boards, and each with distinctive patient care, education and research programs.

The Dean of the College of Medicine, the Chancellor at the Medical Center campus, and the Executive Vice President and Provost concur in the recommendation. The University Senates Conference has indicated that no other Senate jurisdiction is involved.

A copy of a statement prepared by the Dean of the College of Medicine describing the proposal in greater detail is being filed with the Secretary of the Board for record.

I recommend approval, subject to further action by the Illinois Board of Higher Education.

On motion of Mr. Swain, this recommendation was approved.

#### **RECOMMENDATIONS FROM THE UNIVERSITY COMMITTEE ON FEES<sup>1</sup>**

(8) The following recommendations from the University Committee on Fees are submitted.

##### ***I. Changes in Tuition Charges for "Zero-Credit" Courses***

Several categories of students enroll in courses for zero credit. Some of these students will be taking only such courses; others will be registered for zero-credit courses along with courses taken for credit. Students in either of these two categories may be registered for study on-campus or for off-campus study.

It seems desirable to establish uniform policies governing the tuition and fees to be charged for such courses, which will be applicable at all three campuses and which will be related to the tuition-and-fee structure for courses taken for credit. Accordingly, the University Committee on Fees recommends the adoption of the following policies, effective, September 1, 1970.

1. Students taking one or more courses for zero credit, but no courses for credit, will be assessed for tuition and fees as follows:

- a. *For study on-campus:* One half of the Range III resident tuition and one-half of the Range III service fee, each rounded to the next higher even dollar, and the full hospital-medical-surgical fee. (No charge will be assessed, however, for University employees who register, at the request of

<sup>1</sup> Lyle H. Lanier, Executive Vice President and Provost, *Chairman*; Herbert O. Farber, Vice President and Comptroller; Joseph S. Begando, Chancellor at the Medical Center campus; E. Eugene Oliver, Director of the University Office of School and College Relations; Norman A. Parker, Chancellor at the Chicago Circle campus; Jack W. Feltason, Chancellor at the Urbana-Champaign campus.

their department, only in zero-credit courses especially established to improve the work of the employee.)

- b. *For study off-campus*, including graduate registration "in absentia": One-half of the Range III resident tuition, rounded to the next higher even dollar, but no service fee and no hospital-medical-surgical fee.
2. Students taking one or more courses for zero-credit with one or more courses for credit will be assessed for tuition and fees on the basis of the credit course(s) only.

Students at present are charged tuition and fees for credit courses at all three campuses in accordance with the following schedule of "Ranges": Range I—above ten semester hours at the Urbana-Champaign campus and a corresponding quarter-hour range at the Chicago Circle and Medical Center campuses; Range II—above five through ten semester hours at the Urbana-Champaign campus and a corresponding quarter-hour range at the other two campuses; Range III—above zero through five semester hours at the Urbana-Champaign campus and a corresponding quarter-hour range for the other two campuses.

#### II. *Special Fees for Two New Glider Courses*

The Institute of Aviation proposes to offer two new glider courses for which the Chancellor at the Urbana-Champaign campus has recommended the assessment of the special fee of \$245 per student per course, effective second semester 1969-70. The amount of this fee has been established through an analysis of the costs of offering the course for a group of ten students per semester.

I concur in both sets of recommendations from the University Committee on Fees.

On motion of Mr. Grimes, these recommendations were approved.

#### APPROPRIATION BY ATHLETIC ASSOCIATION

(9) The Board of Directors of the Athletic Association has approved an appropriation from the Athletic Association's Reserve for Land Development in the amount of \$94,100 for development of Fairway I Subdivision, located on the "Blue" course of the University Golf Course, Savoy.

Barker Construction Co. (low bid).....	\$85 754 40
Emergency Generators for Pump Station.....	4 000 00
Contingency.....	4 345 60
<i>Total</i> .....	<u>\$94 100 00</u>

Confirmation of this appropriation is hereby requested.

On motion of Mr. Grimes, this action was confirmed as requested.

#### APPROPRIATIONS AND REAPPROPRIATIONS FOR NONRECURRING EXPENDITURES

##### Chicago Circle

(10) The Chancellor, on behalf of the Chicago Circle Committee on Nonrecurring Appropriations, recommends the following appropriations from the:

##### *Chicago Circle General Reserve*

Improvements for unfinished space on the eighth floor of the Chicago Circle Center Building to provide space for the Educational Assistance Program .....

\$ 6 700

##### *Chicago Circle Cost of Education Allowance*

Improvements for unfinished space on the eighth floor of the Chicago Circle Center Building to provide space for the Educational Assistance Program .....

9 300

*Total* .....

\$16 000

##### Urbana-Champaign

The Chancellor, on behalf of the Urbana-Champaign Committee on Nonrecurring Appropriations, recommends the following appropriations from the:

*Urbana-Champaign General Reserve*

Renovation and remodeling for which funds are assigned to the Department of Plant and Services:

Remodeling of Room 158 Natural History Building for the Department of Geology .....	\$ 32 480
Remodeling of dance floor in Krannert Center for the Performing Arts .....	16 000
<i>Total</i> .....	\$ 48 480

The Chancellors of the respective campuses recommend reappropriation of the following balances remaining in projects previously approved by the Board of Trustees but not completed by the close of the lapse period on September 30:

*Chicago Circle General Reserve*

University Hall seventh floor remodeling.....	\$ 13 588 21
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*Medical Center General Reserve*

University of Illinois Hospital dietary dishwashing complex.....	\$ 13 887 14
University of Illinois Hospital neurology equipment.....	19 575 00
University of Illinois Hospital radiology equipment.....	13 750 00
Office of Space Utilization remodeling.....	14 165 17
University of Illinois Hospital radiology cobalt therapy equipment..	66 863 13
Obstetrics and Gynecology laboratory remodeling.....	27 255 23
University of Illinois Hospital air conditioning.....	225 266 25
Betatron area remodeling.....	14 496 68
Library air conditioning.....	14 602 59
<i>Total</i> .....	\$409 861 19

*Urbana-Champaign General Reserve*

Administrative Offices equipment.....	\$ 17 227 88
Library equipment Commerce and Special Languages Library.....	36 652 54
Altgeld Hall air conditioning and relighting.....	13 766 17
Engineering Hall remodeling.....	16 534 22
McKinley Hospital remodeling, Mental Health Division.....	13 664 36
Natural History Building remodeling, Geology.....	14 446 13
Television Studio addition.....	61 504 89
<i>Total</i> .....	\$173 796 19

The Executive Vice President and Provost and the Vice President and Comptroller concur.

I recommend approval.

On motion of Mr. Swain, these appropriations were made by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Steger, Mr. Swain; no, none; absent, Mr. Jones, Governor Ogilvie, Mr. Page, Mr. Stone.

**CONTRACTS FOR MECHANICAL WORK, RACINE AVENUE BUILDING, CHICAGO CIRCLE**

(11) The President of the University, with the concurrence of appropriate administrative officers, recommends award of the following contracts for installation and extension of heating and cooling systems for occupancy of additional areas in the Racine Avenue Building at the Chicago Circle campus, the award in each case being to the low base bidder:

Plumbing and Drainage—Peter H. Smith Company, Chicago.....	\$ 3 880
Heating, Refrigeration and Temperature Controls—Advance Heating and Air Conditioning Corporation, Chicago.....	96 040
Ventilation and Air Conditioning—Reliable Sheet Metal Works, Inc., Elk Grove Village.....	39 362
<i>Total</i> .....	\$139 282

Funds are available in state capital appropriations to the University and have been released by the Governor.

It is further recommended, subject to the release of funds by the Governor, that a contract be awarded to L. K. Comstock & Company of Illinois, Inc., Hillside, the low base bidder, in the amount of \$32,219 for electrical work for this project at the Racine Avenue Building.

Funds are available in state capital appropriations to the University for Fiscal Year 1970, subject to release by the Governor.

Submitted herewith is the schedule of bids received, a copy of which is being filed with the Secretary of the Board for record.

On motion of Mr. Swain, these contracts were awarded as recommended by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Steger, Mr. Swain; no, none; absent, Mr. Jones, Governor Ogilvie, Mr. Page, Mr. Stone.

#### CONTRACTS FOR REMODELING IN HOSPITAL ADDITION, MEDICAL CENTER

(12) The President of the University, with the concurrence of appropriate administrative officers, recommends award of the following cost-plus contracts based on the percentages bid for contractors' fees for remodeling the main entrance lobby, elevator lobby, out-patient waiting room, and adjacent offices at the Hospital Addition at the Medical Center campus, the award in each case to the lowest bidder:

	<i>Per Cent for Material</i>	<i>Per Cent for Labor</i>	<i>Per Cent for Sub- contracts</i>	<i>Estimated Fee Payments</i>	<i>Total Estimated Payments</i>
General — Mueller Construction Company, Chicago.....	30	10	10	\$2 945 50	\$34 075 00
Electrical — Fries Walters Company, Chicago.....	10	36		8 528 00	29 900 00

The total estimated cost for this project is \$77,200. Funds are available as follows: \$29,000 from the Ella Nelson Grant bequest and \$18,200 from the Physical Plant budget. It is also recommended that an assignment be made from the Medical Center General Reserve in the amount of \$30,000 to the Physical Plant at the Medical Center campus for this project.

Submitted herewith is the schedule of bids received, a copy of which is being filed with the Secretary of the Board for record.

On motion of Mr. Hahn, these recommendations were approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Steger, Mr. Swain; no, one; absent, Mr. Jones, Governor Ogilvie, Mr. Page, Mr. Stone.

#### CONTRACTS FOR REMODELING IN EAST WING OF HOSPITAL ADDITION, MEDICAL CENTER

(13) The President of the University, with the concurrence of appropriate administrative officers, recommends the award of the following contracts for conversion of a portion of the East Wing of the eleventh floor into an Intensive Care Unit, Hospital Addition Building at the Medical Center campus, the award in each case being to the low base bidder:

General — Mueller Construction Company, Chicago.....	\$31 417
Heating, Process Piping and Temperature Control — Ashland Plumbing and Heating Company, Chicago.....	10 380
Plumbing — Ashland Plumbing and Heating Company, Chicago.....	8 680
Electrical — Fries Walters Co., Chicago.....	16 388
Laboratory Equipment — NII Laboratory Furniture, Inc., Hicksville, New York .....	2 547
<i>Total</i> .....	<u>\$69 412</u>

It is further recommended that all contracts other than the contract for the general work be assigned to the contractor for the general work, making the total of its contract \$69,412, and that an agreement be entered into with the Mueller Construction Company for assignment of the other contracts. The amount bid by Mueller Construction Company for the supervision of the other contracts

assigned to the general contractor is included in the base bid for general work. Funds for this work are available in an appropriation approved by the Board on July 23, 1969.

Submitted herewith is the schedule of bids received, a copy of which is being filed with the Secretary of the Board for record.

On motion of Mr. Swain, these contracts were awarded as recommended by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Steger, Mr. Swain; no, none; absent, Mr. Jones, Governor Ogilvie, Mr. Page, Mr. Stone.

**CONTRACT FOR CONSTRUCTION OF STORM SEWER ON SITE  
OF PROPOSED STATE UNIVERSITIES RETIREMENT  
SYSTEM BUILDING, URBANA**

(14) The President of the University, with the concurrence of appropriate administrative officers, recommends award of a contract in the amount of \$18,650 to Cross Construction, Inc., Urbana, for construction of a thirty-six-inch storm sewer on the site of the proposed State Universities Retirement System Building.

Funds have been received from the Retirement System which may be used for this purpose.

On motion of Mr. Grimes, this contract was awarded as recommended by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Steger, Mr. Swain; no, none; absent, Mr. Jones, Governor Ogilvie, Mr. Page, Mr. Stone.

**INCREASE IN ENGINEERING CONTRACT FOR OPTICAL  
TELESCOPE BUILDING**

(15) The President of the University, with the concurrence of appropriate administrative officers, recommends that the agreement dated August 17, 1965, with Collins and Rice, Inc., Springfield, for architectural and engineering services for the Optical Telescope Building at Prairie Observatory in Douglas County, be increased in the amount of \$5,357.66 for additional work associated with this project.

Funds are available in the project budget.

On motion of Mr. Clement, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hughes, Mr. Steger, Mr. Swain; no, none; absent, Mr. Jones, Governor Ogilvie, Mr. Page, Mr. Stone. Mr. Hahn asked to be recorded as not voting.

**EMPLOYMENT OF ARCHITECT FOR MEDICAL SCIENCES  
BUILDING, URBANA**

(16) The President of the University, with the concurrence of appropriate administrative officers, recommends, subject to release of funds by the Governor, the employment of Fugard, Orth & Associates, Chicago, for complete architectural services for the Medical Sciences Building, Urbana, at a fee of 7 per cent of the actual construction costs, including full-time site supervision.

It is estimated that \$154,000 will be needed for completion of planning through definitive design. These funds are available in state capital appropriations to the University for Fiscal Year 1970, subject to release by the Governor, and the authorization under this contract will be limited at this time to the amount of the appropriated funds. The balance of the planning funds has been requested for Fiscal Year 1971.

The Advisory Committee on Architectural and Engineering Services and the Committee on Buildings and Grounds have reviewed and approved this recommendation.

On motion of Mr. Clement, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Steger, Mr. Swain; no, none; absent, Mr. Jones, Governor Ogilvie, Mr. Page, Mr. Stone.

### EMPLOYMENT OF ENGINEERS FOR IMPROVEMENTS AT UNIVERSITY OF ILLINOIS-WILLARD AIRPORT

(17) The President of the University, with the concurrence of the Vice President and Comptroller and the Director of the Institute of Aviation, recommends the employment of J. M. Audd & Associates, Springfield, Illinois, for engineering services required in the design and installation of auto parking lots and access road facilities, perimeter fencing, drainage, and incidental items at the University of Illinois-Willard Airport. The proposed fee is in accordance with Schedule B of the "Manual of Practice for Professional Engineers in Private Practice" (Manual III) as approved and published by the Illinois Society of Professional Engineers. The total estimated fee amounts to \$14,600. The actual fee will be based on actual costs of the project.

Funds are temporarily available from Airport operations for payment to the engineers until funds are made available by project funds of the Illinois Department of Aeronautics tentatively offered under Illinois Project 70A-12-503. Professional engineering services are required in connection with the preparation of plans, specifications, and bidding documents to accompany the formal project application to the Department of Aeronautics.

On motion of Mr. Grimes, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Steger, Mr. Swain; no, none; absent, Mr. Jones, Governor Ogilvie, Mr. Page, Mr. Stone.

### ANNEXATION OF LAND AND EASEMENT TO VILLAGE OF SAVOY AND EASEMENT TO ILLINOIS POWER COMPANY

(18) In connection with the development of the Fairway Subdivision, the Athletic Association desires to have the subdivision annexed to the Village of Savoy in order to connect to the Village's sanitary sewer system. To assist in accomplishing the annexation and to provide necessary utilities, the Athletic Association has requested the Board of Trustees to consent to the annexation of the east 285 feet of the "Orange" golf course to the Village of Savoy and to grant utility easements, including a ten-foot easement to the Village of Savoy to construct and maintain a sanitary sewer, and a ten-foot easement to Illinois Power Company. The consent to the proposed annexation would preserve the University's jurisdiction to control the character of improvements on the annexed land.

I concur and recommend adoption of the following three resolutions:

### Resolution Authorizing Easement to Illinois Power Company Across University (Orange) Golf Course Property, Savoy, Illinois

*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 Comptroller and the Secretary of this public Corporation be, and they hereby are, authorized to execute, acknowledge, and deliver in the name and on behalf of this Corporation such instruments of conveyance, contract, or other document or documents as to them may seem necessary or desirable in order to grant to Illinois Power Company, an Illinois Corporation, hereinafter referred to as "Grantee," its successors and assigns, the right and easement to lay, operate and maintain, under varying conditions of operation, alter, remove and relay a pipe line or lines, and all other equipment appurtenant thereto, for the transportation of gas in, under, through and across certain lands owned by Grantor hereinafter described and the right of ingress to and egress therefrom; the rights and easement granted to be limited to the extent that this public Corporation has the present right and capacity to grant the same. Grantee shall have the right to clear and remove any obstacles or obstructions on the easement tract as may be required to provide necessary clearance. Grantee shall agree to repair any damage caused to property of this Corporation or pay any damages which may be caused to property of this Corporation in the process of laying, construction, reconstruction, operation, maintenance, renewal or removal of said pipe line, and to indemnify this Corporation and its representatives from liability in connection with Grantee's activities. The pipe line easement shall remain in full force and effect from the date granted and for so long thereafter as said pipe line is continued in service and has not been abandoned and discontinued. Upon termination of the easement Grantee shall

peaceably surrender possession of said premises to this Corporation and full and complete title then shall remain in this Corporation free and clear of said easement and without necessity of re-entry or demand. The right-of-way easement shall be over the following-described property:

That part of the Northeast Quarter (NE  $\frac{1}{4}$ ) of Section Two (2), Township Eighteen North (T 18 N), Range Eight East (R 8 E), of the Third Principal Meridian (3rd P.M.), described as follows:

Ten (10) feet of even and equal width, lying Westerly, Southwesterly, and Southerly from the following described line:

Beginning at the Northwest Corner of Lot 15, of Golfview Subdivision of Savoy, thence S.  $1^{\circ} 02'$  E., 141.68 feet; thence S.  $42^{\circ} 14' 20''$  E., 291.59 feet; thence S.  $0^{\circ} 00'$  E., 173.00 feet; thence S.  $31^{\circ} 05' 15''$  E., 378.49 feet; thence N.  $90^{\circ} 00'$  E., 150.00 feet, to the East line of said Section 2; thence South along said East Line of said Section to the South line of the said Northeast Quarter, excepting therefrom that part of the described land which lies in Outlot "A" of Church Street Subdivision to Savoy, all situated in the County of Champaign and State of Illinois.

On motion of Mr. Swain, the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Steger, Mr. Swain; no, none; absent, Mr. Jones, Governor Ogilvie, Mr. Page, Mr. Stone.

#### **Resolution Consenting to Annexation of Portion of University of Illinois (Orange) Golf Course Property to Village of Savoy**

WHEREAS the Illinois Municipal Code provides that where real estate owned by the State of Illinois, or any board, agency, or commission thereof, is situated in unincorporated territory adjacent to a municipality, the corporate authorities of such municipality may annex any part or all of such real estate without any petition or other proceedings required by said Statute by resolution of the corporate authorities of such municipality only with the written consent of the governing authority of such board, agency, or commission of the State of Illinois; and

WHEREAS the property hereinafter described of this public corporation is adjacent to the Village of Savoy, a municipal corporation, hereinafter referred to as "Village" and Village desires to annex said property to Village;

*Now, Therefore, Be It, and It Hereby Is, Resolved* by The Board of Trustees of the University of Illinois, a body corporate and politic and a public corporation of the State of Illinois, that this public corporation consent to the annexation to the Village of Savoy of the following described property owned by this public corporation, to wit:

That part of the East two hundred eighty-five feet (285') of the Northeast Quarter (NE  $\frac{1}{4}$ ) of Section Two (2), Township Eighteen North (T 18 N), Range Eight East (R 8 E) of the Third Principal Meridian (3rd P.M.) extending from the south line of said Northeast Quarter (NE  $\frac{1}{4}$ ), northerly to the south line of Golfview Subdivision, all situated in the County of Champaign, and State of Illinois.

This Consent to Annexation is conditioned upon the express understanding that this public corporation is not by such Consent subjecting said property to the zoning or other ordinances of said Village and that jurisdiction of, and control over the use to be made of, said property shall remain with and hereby is retained by this public corporation.

*Be It, and It Hereby Is Further Resolved* that the Comptroller and Secretary of this public corporation be, and they hereby are authorized and empowered, for and on behalf of, and in the name of, this public corporation, to make, execute, acknowledge, and deliver any and all legal writings, agreements, papers, and documents reasonably necessary to permit the annexation of said property by the Village of Savoy.

On motion of Mr. Swain, the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr.



Hughes, Mr. Steger, Mr. Swain; no, none; absent, Mr. Jones, Governor Ogilvie, Mr. Page, Mr. Stone.

**Resolution Authorizing Sanitary Sewer Easement to the Village of Savoy Across University (Orange) Golf Course Property, Savoy, Illinois**

*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 Comptroller and the Secretary of this public Corporation be, and they hereby are, authorized to execute, acknowledge, and deliver in the name and on behalf of this Corporation such instruments of conveyance, contract, or other document or documents as to them may seem necessary or desirable in order to grant to the Village of Savoy, a municipal Corporation, hereinafter referred to as "Grantee," its successors and assigns, the right and easement to construct, reconstruct, operate, maintain, and repair a 4" cast iron sanitary sewer force main and equipment appurtenant thereto, in, under, through, and across certain lands owned by this Corporation hereinafter described and the right of ingress to and egress therefrom; the rights and easement granted to be limited to the extent that this public Corporation has the present right and capacity to grant the same. Grantee shall have the right to clear and remove any obstacles or obstructions on the easement tract as may be required to provide necessary clearance. Grantee shall agree to repair any damage caused to property of this Corporation or pay any damages which may be caused to property of this Corporation in the process of construction, reconstruction, maintenance, or repair of said sanitary sewer and to indemnify this Corporation and its representatives from liability in connection with Grantee's activities. The sanitary sewer easement shall remain in full force and effect from the date granted and for so long thereafter as said sanitary sewer is continued in service and has not been abandoned and discontinued. Upon termination of the easement Grantee shall peaceably surrender possession of said premises to this Corporation and full and complete title then shall remain in this Corporation free and clear of said easement and without necessity of re-entry or demand. The right-of-way easement shall be over the following-described property:

That part of the Northeast Quarter (NE  $\frac{1}{4}$ ) of Section Two (2), Township Eighteen North (T 18 N), Range Eight East (R 8 E) of the Third Principal Meridian (3rd P.M.) described as follows:

The East Ten (10) feet of the Northeast Quarter (NE  $\frac{1}{4}$ ) of said Section Two (2), extending from the south line of said Northeast Quarter (NE  $\frac{1}{4}$ ), northerly to the south line of Golfview Subdivision, all situated in the County of Champaign and State of Illinois.

On motion of Mr. Swain, the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Steger, Mr. Swain; no, none; absent, Mr. Jones, Governor Ogilvie, Mr. Page, Mr. Stone.

**PURCHASES**

(19) The President submitted, with his concurrence, a list of purchases recommended by the Directors of Purchases and the Vice President and Comptroller.

The list of purchases was presented in two categories: purchases from appropriated funds (i.e., from state appropriations to the University) and purchases from institutional funds. The latter term designates funds received by the University under contracts with the United States government, contracts with private corporations and other organizations, funds from foundations 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 Recommended.....	\$191 533 57
From Institutional Funds Recommended.....	615 067 49
<i>Grand Total</i> .....	\$806 601 06

A complete list of the purchases, with supporting information, including the quotations received, was sent to each member of the Board in advance of the meeting, and a copy is being filed with the Secretary of the Board for record.

On motion of Mr. Clement, the purchases recommended were authorized.

#### COMPTROLLER'S REPORT OF PURCHASES APPROVED

(20) The Vice President and Comptroller also submitted a report of purchases approved by him on recommendation of the Directors of Purchases in amounts of \$5,000 to \$7,500. A copy of this report is filed with the Secretary.

#### COMPTROLLER'S MONTHLY REPORT OF CONTRACTS EXECUTED

(21) The Comptroller's report of contracts executed was presented.

##### Medical Center

##### *New Contracts*

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>
John R. Strieter	Lease of suite 6, 2100 Eighteenth Avenue, Rock Island, Illinois; November, 1969, to June 30, 1970	\$ 3 000
<i>Total</i>		<hr/> \$ 3 000

##### Urbana-Champaign

##### *New Contracts*

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
Illinois Local Government Law Enforcement Officers Training Board	Curriculum for minimum standards basic training course	\$ 20 000
Illinois Migrant Council	Demonstration child day care center for preschool children of migrants	11 098
United States Air Force: F 19628-70-C-0001	Theoretical studies and experimental work to investigate conjugate ionospheric total electron content behavior	34 896
F 30602-70-C-0036	Image coordinate refinement analysis	51 520
United States Department of the Interior: Federal Water Pollution Control Administration 16050 EHH	The fate of select pesticides in the aquatic environment	39 065
Fish and Wildlife Service 14-16-0008-540	Establishing certain parameters of hazards to aircraft by migrating birds in the Central and Pacific flyways and effect of weather conditions on migration of waterfowl	14 745
United States Navy N00156-70-C-1256	Procedure for predicting fatigue behavior of aircraft members	59 840
<i>Total</i>		<hr/> \$231 164

##### *Change Orders*

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
State of Illinois Department of Mental Health, Herman M. Adler Zone Center	Analyses of children's activity and motor performance	\$ 43 642
United States Air Force: AFOSR 68-1391	Relation between logical structure, time and natural numbers	38 000
AFOSR 69-1671	Chemical dynamics on crystal surfaces	49 183
United States Army: DAAG 11-69-C-0748	Parameters of natural rainfall as related to artillery fuze detonation	23 529
DAHC 04-69-C-0007	Research in experimental and theoretical physics	130 000
United States Atomic Energy Commission AT(11-1)-1198	Understanding the nature of materials, predominantly solids	110 000
United States Department of Health, Education, and Welfare OEG-0-9-585041-0773(085)	Improvement of youth through vocationally oriented educational programs	33 280

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
United States Navy:		
N00014-67-A-0305-0003	Structure of individual differences in psychological phenomena	28 677
N00014-67-A-0305-0007	Research in the design and development of computer circuits and components with emphasis on hybrid analog-digital devices for use in display in switching circuits	40 000
Nonr-1834(37)	Mechanism of antibody formation in the pig	22 278
<i>Total</i>		<u>\$518 589</u>

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>
Barber & DeAtley, Incorporated	Cost-plus contract — general work: Hott Memorial Center	\$ 10 000
Dean Evans Company Pierre Lachaux	Cost-plus contract — general work: Davenport Hall Lease of apartments, offices, and classroom space in La Napoule, France, October 1, 1969, to May 31, 1970	10 000 5 015
<i>Total</i>		<u>\$ 25 015</u>

### Summary

Amount to be paid to the University:	
Urbana-Champaign .....	\$749 753
Amount to be paid by the University:	
Medical Center .....	\$ 3 000
Urbana-Champaign .....	25 015
<i>Total</i> .....	<u>\$ 28 015</u>

This report was received for record.

### INVESTMENT REPORT For the Month of September, 1969 Report of the Finance Committee

(22) The Finance Committee reported the following changes in investments of endowment funds:

#### Pool

##### Purchases:

\$ 1 000 Commercial Credit Co. demand notes.....	\$ 1 000 00
178 000 Household Finance Corp. demand notes.....	178 000 00
10 000 Sears Roebuck Acceptance Corp. demand notes.....	10 000 00
100 shares Commonwealth Edison Company common stock....	4 378 19
3 000 shares Del Monte common stock.....	84 924 84
1 000 shares Middle South Utilities common stock.....	21 860 78
300 shares Monsanto Company common stock.....	13 586 82
2 000 shares Oklahoma Gas and Electric common stock.....	42 374 51
500 shares Radio Corporation of America common stock.....	18 687 50
200 shares Royal Dutch Petroleum common stock.....	9 359 38
500 shares Southern California Edison common stock.....	15 634 82
300 shares Standard Brands common stock.....	13 586 82
100 shares Standard Oil Company of New Jersey common stock	7 020 98
2 000 shares Transamerica common stock.....	59 517 50
2 000 shares United Utilities common stock.....	50 228 80

#### Report of the Comptroller

The Comptroller reported the following changes in investments of current and unexpended plant funds, which he has been authorized to make:

#### Current Funds

##### Ford Foundation — General Engineering

##### Sale:

\$23 000 U.S. Treasury bills due 11/6/69..... \$ 22 744 03

##### Purchase:

\$23 000 U.S. Treasury bills due 11/6/69..... 22 604 77

*Restricted Group*

## Purchases:

\$ 500 000 Clark Equipment Credit notes due 9/25/69.....	498 333 33
1 000 000 Stokely-Van Camp notes due 11/25/69.....	981 791 67
1 000 000 International Harvester notes due 12/4/69.....	980 225 69
1 000 000 Clark Equipment Credit notes due 12/5/69.....	979 993 06
1 000 000 Continental Illinois National Bank acc. due 1/2/70.....	975 399 31
1 000 000 Burroughs notes due 1/5/70.....	973 406 25
1 000 000 Jim Walter notes due 1/6/70.....	973 319 44
500 000 Atlantic Richfield notes due 2/5/70.....	482 784 72
1 000 000 Federal Home Loan Bank 8.40 per cent due 7/27/70....	1 000 000 00
1 000 000 Tampa Electric 8.40 per cent due 3/31/71.....	1 000 000 00

*Plant Funds**Illinois Street Air Conditioning*

## Purchase:

\$295 000 U.S. Treasury bills due 2/28/70.....	285 641 12
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*Krannert Contributions*

## Purchase:

\$285 500 Cargill 5½ per cent notes due 6/30/76.....	285 500 00
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*Assembly Hall**Sinking Funds*

## Sale:

\$250 000 U.S. Treasury bills due 9/30/69.....	249 600 00
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## Purchases:

\$430 000 U.S. Treasury bills due 9/30/69.....	426 760 78
25 000 U.S. Treasury 6½ per cent notes due 8/15/70.....	24 783 75

*Housing Revenue Bonds*

## Purchases:

\$1 488 000 U.S. Treasury bills due 9/25/69.....	1 484 399 87
111 000 U.S. Treasury 4 per cent bonds due 8/15/71.....	103 889 06

*Illini Union and Health Center*

## Purchase:

\$351 000 U.S. Treasury bills due 4/30/70.....	334 229 50
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*Revenue Bonds of 1956*

## Purchases:

\$47 000 U.S. Treasury bills due 9/25/69.....	46 896 29
3 000 U.S. Treasury 5¼ per cent notes due 5/15/71.....	2 895 00

*Women's Residence Halls of 1956*

## Sales:

\$94 000 U.S. Treasury 4 per cent bonds due 2/15/70.....	92 619 38
3 000 U.S. Treasury bills due 2/28/70.....	2 899 81

## Purchase:

\$101 000 U.S. Treasury 7¾ per cent notes due 2/15/71.....	101 063 13
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This report was received for record.

**SPECIAL UNDERGRADUATE INSTRUCTIONAL AWARDS FOR  
PROJECTS COMPLETED DURING THE SUMMER OF 1969**

(23) At its meeting on February 19, 1969, the Board of Trustees approved a total of fifteen projects, involving nineteen individuals, for support during the summer of 1969 under the program of Undergraduate Instructional Awards. These awards provided a full-time salary for two months to the recipients for work on projects designed to improve the quality of undergraduate instruction (except for those already on year-round salaries, in which case they were given released time for their projects).

It was announced at the Board meeting on February 19, 1969, that — if outside funds again become available — special awards of \$1,000 each would be made to

those individuals whose completed projects were judged to be the most outstanding in terms of probable contribution to undergraduate education.

A total of \$6,000 has been made available for this purpose by the Standard Oil (Indiana) Foundation—\$2,000 of which will be used for special awards for projects during the summer of 1969, with \$4,000 reserved for projects during the summer of 1970.

The Chancellors at the Chicago Circle and the Urbana-Champaign campuses each appointed a special committee to review the reports submitted by the grantees following the completion of their projects last summer. The committees were asked to select the most meritorious projects for recommendation to their respective chancellors. The Chancellors reviewed the recommendations and forwarded those endorsed to the Executive Vice President and Provost.

As a result of these procedures of review and evaluation, the Executive Vice President and Provost recommends that special awards of \$1,000 for each of the following projects be made:

#### **Chicago Circle Campus**

Charles A. Moore, Assistant Professor of Physical-Chemical Soil Engineering in the Department of Materials Engineering—Use of the IBM 1800 process control computer in instructional exercises for closed loop inter-relationship of physical and mathematical models of soil engineering problems.

#### **Urbana-Champaign Campus**

Mohamed I. Dessouky, Visiting Associate Professor of Industrial Engineering—Development of undergraduate operations research program in industrial engineering.

I concur.

On motion of Mr. Clement this recommendation was approved.

#### **APPEARANCE ON BEHALF OF FACULTY FOR UNIVERSITY REFORM (URBANA)**

Professor Thomas A. Krueger, President of the "Faculty for University Reform," an organization at the Urbana campus, distributed and spoke to a brief statement in which it was suggested that the Board set aside time for "an open forum" at each meeting "for statements by faculty, students, and interested persons concerning general problems facing the University and the surrounding community," and to answer questions from the floor. Professor Krueger stated that he was not asking the Board to act at this time, but to consider the suggestion for the future.

#### **SECRETARY'S REPORT**

The Secretary presented for the record the following lists: appointments to the faculty made by the President; cancellations, declinations, and resignations; leaves of absence; cancellation of leave of absence; retirements.

A copy of the report is filed with the Secretary.

#### **ANNOUNCEMENTS FROM THE PRESIDENT OF THE BOARD**

President Hughes called attention to the schedule of the next three meetings of the Board: December 17, 1969, Urbana-Champaign campus; January 21, 1970, Medical Center campus; February 18, 1970, Chicago Circle campus.

#### **ELECTION OF A PRESIDENT PRO TEMPORE**

President Hughes announced that he will be in India as an Executive Visitor during December and that he will be absent from the December 17, 1969, Board meeting. He suggested that the Board elect a President *Pro Tempore* to chair that meeting.

Mr. Grimes nominated Mr. Swain. Mr. Swain was unanimously elected President *Pro Tempore* for the December meeting.

RECESS FOR BUILDINGS AND GROUNDS COMMITTEE MEETING  
The Board recessed and the Committee on Buildings and Grounds convened.

#### RECESS AND EXECUTIVE SESSION

President Hughes announced that an executive session had been requested and was being ordered for consideration of property acquisition and pending litigation.

The Board considered the following business presented by the President of the University.

#### ACQUISITION OF 1007 WEST ILLINOIS STREET, URBANA

(24) The Board of Trustees on April 17, 1968, authorized the acquisition of the property at 1007 West Illinois Street, Urbana, through condemnation proceedings and the use of funds available in state capital appropriations to the University.

The condemnation suit has been completed in the Circuit Court of Champaign County, Illinois. The jury award of \$40,000 is within the range of the testimony of expert witnesses at the trial.

The President of the University, with the concurrence of appropriate administrative officers, recommends that the University accept the jury award and pay the same in accordance with the judgment order.

Funds are available in state capital appropriations to the University and have been released by the Governor.

On motion of Mr. Swain, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Steger, Mr. Swain; no, none; absent, Mr. Jones, Governor Ogilvie, Mr. Page, Mr. Stone.

#### SETTLEMENT OF PENDING LITIGATION

(25) At its meeting on September 20, 1967, the Board of Trustees authorized the University Counsel to take such steps as were 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 13117) by Howard S. Chapman, one of the passengers in the University plane which crashed November 28, 1966. Subsequently, Mr. Chapman also filed suit on the same transaction in the Illinois Court of Claims (No. 5522) and the Court of Claims continued the case generally pending disposition of the suit previously filed in the Circuit Court of Cook County. Mr. Chapman also filed suit in the United States District Court for the Northern District of Illinois (Civil Action No. 66 C 2335) against the United States of America. In that proceeding the United States filed a third party complaint against the University seeking to require the University to indemnify the United States or, alternatively, to contribute a pro rata share of any liability assessed against the United States. At its meeting on February 21, 1968, the University Counsel was authorized to take necessary and appropriate steps, including the employment of special counsel, to defend the University in the federal proceedings.

The University filed a motion to dismiss the third party complaint filed by the United States in the Federal Court and the motion was granted. Settlement negotiations with respect to the Circuit Court of Cook County and Court of Claims cases have proceeded and have resulted in an offer from the plaintiff to settle both cases for a total of \$25,000. The evidence with respect to the possible liability of the University is ambiguous and conflicting in several important respects. Substantial additional expenses would be incurred if the matters were litigated to final disposition. The University Counsel and special counsel employed to assist him in representing the University in these matters are of the opinion that while the University has some chance to sustain its defense in these cases, the outcome of the suits must be considered as doubtful. Special counsel has recommended settlement for the amount offered by Mr. Chapman.

Accordingly, the Vice President and Comptroller and the University Counsel recommend that the proposed settlement be approved by the Board of Trustees and that they be authorized to execute, on behalf of the University, any and all documents and vouchers necessary to effect the settlements and secure the dismissal of the suits with prejudice.

I concur.

On motion of Mr. Clement, this recommendation was approved.

#### LUNCHEON GUESTS

The following members of the Chicago Circle faculty, who were guests of the Board at luncheon, were introduced and responded briefly: Professor William B. Ernst, Director of the Library; Dean George Bugliarello, College of Engineering; Dean Van Cleve Morris, College of Education; Professor Mary Lynn McCree, Curator, Jane Addams Hull House.

#### EXECUTIVE SESSION CONTINUED

When the Board reconvened in executive session, the same members of the Board, officers of the Board, and officers of the University were present as recorded at the beginning of these minutes, with the exception of Mr. Grimes who asked to be excused.

The Board considered the following business presented by the President of the University.

#### NATIONAL COUNCIL OF TEACHERS OF ENGLISH PROPERTIES, CHAMPAIGN

(26) The National Council of Teachers of English intends to construct new facilities on North Lincoln Avenue in Urbana and desires to sell its properties on Sixth Street in Champaign to the University.

Accordingly, the President of the University, with the concurrence of appropriate administrative officers, recommends that the Board approve in principle the acquisition of these properties on Sixth Street, subject to the necessary clearances with the Illinois Board of Higher Education. A firm proposal will be submitted to the Board if negotiations can be satisfactorily completed and before presentation to the Board of Higher Education.

Inasmuch as a quorum of the Board was not present, it was agreed that the record should show a consensus of those present favored the recommendation, subject to confirmation by the Board in executive session at a later date. On motion of Mr. Swain, the recommendation was approved in principle subject to later action.

On motion of Mr. Hahn, the Board adjourned.

EARL W. PORTER  
*Secretary*

EARL M. HUGHES  
*President*

#### TOUR OF JANE ADDAMS HULL HOUSE

Following the Board meeting, the Trustees and officers of the Board and of the University toured Jane Addams Hull House.

**MEETING OF THE BOARD OF TRUSTEES**  
**OF THE**  
**UNIVERSITY OF ILLINOIS**

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**December 17, 1969**



The December meeting of The Board of Trustees of the University of Illinois was held in the Illini Union, Urbana, Illinois, on Wednesday, December 17, 1969, beginning at 10:00 a.m.

President *pro tem* 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. Theodore A. Jones, Mr. Russell W. Steger, Mr. W. Clement Stone, Mr. Timothy W. Swain. Mr. Ralph C. Hahn, Mr. Earl M. Hughes, Governor Richard B. Ogilvie, and Mr. Ray Page were absent.

Also present were President David D. Henry; Executive Vice President and Provost Lyle H. Lanier; Chancellor Joseph S. Begando, University of Illinois at the Medical Center; Chancellor J. W. Peltason, University of Illinois at Urbana-Champaign; Chancellor Norman A. Parker, University of Illinois at Chicago Circle; Dr. Eldon Johnson, Vice President of the University; Mr. C. S. Havens, University Director of Physical Plant Planning and Construction; Mr. C. E. Flynn, Assistant to the President and University Director of Public Information; Mr. James J. Costello, University Counsel; Mr. George H. Bargh, Executive Assistant to the President; and the officers of the Board, Mr. H. O. Farber, Comptroller; Mr. R. R. Manchester, Treasurer; and Dr. Earl W. Porter, Secretary.



### INTRODUCTION OF W. CLEMENT STONE

Mr. Swain introduced Mr. W. Clement Stone, a new member of the Board of Trustees. Mr. Stone was appointed on September 19 by Governor Richard B. Ogilvie to fill the unexpired term of Dr. James A. Weatherly who resigned from the Board because of ill health.

**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.

### REPORT ON ADMISSIONS

President Henry reviewed the background of recent events concerning admissions procedures at the Urbana campus, indicating that there was a need to clarify considerable public misunderstanding and misinterpretation concerning the "random selection" aspect of the policy approved by the Board of Trustees on September 17, 1969. He asked Chancellor Peltason to present a report dealing with the question in considerable detail. The Chancellor's statement as presented follows:

"On September 17, 1969, the University of Illinois Board of Trustees approved a new policy for the admission of freshmen to the Urbana-Champaign and Chicago Circle campuses. This approval followed more than a year of study and discussion by the University Committee on Admissions and the Faculty Senates.

"The new policy resulted from growing concern about the difficulties posed by the Progressive Admission Plan, adopted in 1960. This Plan provided that, when spaces were insufficient for all qualified freshman applicants, those who held the highest combination of test scores and class ranks would be admitted first, until all spaces were filled. Several distinct problems emerged in the use of this Plan at the Urbana-Champaign campus: many good students were being deferred or denied admission in favor of others who held only slightly higher test scores or high school ranks; as the ability range narrowed, it became increasingly difficult to discriminate among those whose chances for success in the University were excellent; furthermore, in order to select the best students academically within the several admission periods established by the Plan, the standards for admission shifted from one period to another, thus creating confusion for students, their parents, and their school counselors.

"A different kind of problem existed at the Chicago Circle campus. With freshman capacity increasing each year, spaces have been adequate for virtually all applicants who met University minimum requirements. However, there was serious concern that these minimum requirements, and the resulting academic quality and retention of freshmen, were too low.

"To resolve these problems, the new freshman admission policy has two major provisions:

1. It raises the minimum combined test score and rank in class required for admission. While the old minimum had been exceeded for several years by students entering the Urbana-Champaign campus, because of the shortage of spaces there, the change is designed to improve both the quality and retention of freshmen at Chicago Circle.<sup>1</sup>

<sup>1</sup> The old minimum provided for admission of students with high school rank and test score combinations that gave them a predicted 1 in 4 chance for a first-term "C" average. The new minimum requires a combination of rank and test score that predicts at least a 1 in 2 chance for a "C" average. The current quality of freshman applicants at Urbana-Champaign

2. It provides for the approval of qualified freshman applicants in the order of the receipt of their applications, instead of in the order of their rank and test scores. The intent was to obtain a better spread among well-qualified students, rather than concentrating on a narrow band at the top of the rank-test score range.

"In seeking a fair method of implementing the "first come-first served" plan, it was recognized that the heavy pressure for admission to certain colleges at the Urbana-Champaign campus could result in having highly qualified applicants outnumber spaces within a very short time after the beginning of the application period. This would place extreme pressure on students and schools to get in applications, test scores, and high school transcripts on the first day that applications are accepted (September 25 for the following fall), and would give a distinct advantage to students in schools with aggressive counseling programs and large professional staffs. The plan adopted by the Board of Trustees provided that all applications from qualified students received by a date to be established by each campus (November 1 at Urbana-Champaign) would receive equal consideration. If, by that date, there were enough spaces in a given college for all qualified applicants, all would be approved, and the remaining spaces would be filled by qualified students who applied after November 1, in the order of receipt of their applications. On the other hand, if there were more qualified applicants than spaces in a given college, the students would be selected on a random basis, in order to assure each qualified applicant an equal opportunity for admission.

"The new policy, which was approved for implementation for fall 1971 freshmen, recognized that the deficiency of spaces available for highly qualified applicants in certain programs at Urbana-Champaign would probably grow more severe, as a consequence of the limit on freshman-sophomore enrollments at Urbana-Champaign by the Illinois Board of Higher Education's Master Plan. Under this Plan, no growth in freshman-sophomore enrollments beyond fall 1970 is permitted for the state's senior universities, with the exception of the Chicago Circle campus and Southern Illinois University's Edwardsville campus. Priority is directed instead to increasing spaces for junior college transfers.

"The Urbana-Champaign campus, in planning for fall 1970 freshman admission, was confronted with the problem of handling an anticipated excess of qualified applicants for the College of Liberal Arts and Sciences before the November 1 date. The previous year, all spaces in Liberal Arts and Sciences were filled by November 1, although it was not necessary to deny any qualified students who had applied by that date. For 1970, it was decided that, rather than selecting among the qualified applicants for Liberal Arts and Sciences on the basis of their rank and test scores, the random selection plan from the new policy would, if necessary, be applied.

"Notices of this decision were sent to every high school in Illinois in August. News releases were sent to the news media in the state on November 6, and copies of the release were sent to every high school in Illinois. On November 26, a second news release was sent to the media concerning the College of Liberal Arts and Sciences, describing the fact that applications from qualified students outnumbered spaces in that College, and that the random selection procedure would be followed. Fall conferences with high school counselors around the state, and the October issue of the University's "Letter to Schools and Colleges," which went to every high school in the state, also included an explanation of the plan.

"By November 1, there were 1,000 more freshman applications for the College of Liberal Arts and Sciences than the preceding year, with a total of 4,197 qualified applicants for the 2,333 spaces available.<sup>2</sup> A total of 3,350 students were approved, since past experience indicates that approximately one-third of those

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is such that very few students at the level of the new minimum apply. For example, approximately 97 per cent of the approved group for fall 1970 admission to Liberal Arts and Sciences are *above* the new minimum.

<sup>2</sup> Some additional spaces have been reserved for later admission of qualified students in certain categories, such as returning veterans, students holding grants-in-aid, Rehabilitation Center students, and qualified applicants for the Special Educational Opportunities Program.

approved do not enroll. Consequently, 847 of the 4,197 qualified applicants could not be admitted.

"Because of the high test scores and class ranks of the applicants, the academic qualifications of the admitted group equal those of the freshman approved for fall 1969 admission to the College of Liberal Arts and Sciences. Many are valedictorians and salutatorians. One-third rank in the top 5 per cent of their high school class, and more than half rank in the top 10 per cent. Ninety per cent rank in the upper quarter. In terms of test scores, 99 per cent rank above the national median score for college-bound students, and 90 per cent rank in the top quarter. As a group, the academic qualifications of the 847 students who originally were not approved are the same as those approved—they are neither above nor below, as a group.

"Despite the strenuous efforts to inform high schools and the general public that the random selection procedure would be employed in the event that qualified applicants exceeded spaces in a given college, it became apparent, following the December 1 issuance of notices of acceptance and denial, that many individual applicants were not aware that this procedure would be used. For this reason, the decision was announced on December 12 to admit all qualified Illinois resident students whose complete applications for admission to the College of Liberal Arts and Sciences were received by November 1.

"It was recognized that this decision, made in behalf of the students concerned, would create some problems of overcrowding, as well as the postponement by some freshmen of courses which would otherwise be taken during the first year. While every effort will be made to minimize these problems, some will be unavoidable.

"It is difficult to estimate the additional number of students who will enroll as a result of this decision. Based on previous experience, approximately one-third of those who are approved do not enroll in the University. Forty-eight of the 847 had already been admitted through the spaces reserved for the James Scholar program for superior students. In addition, a number of students originally denied had been approved for admission to other colleges on the Urbana-Champaign campus. Some may choose to remain in those colleges, although they will be permitted to change to Liberal Arts and Sciences if they wish.

"The decision does not affect the new admission policy adopted by the Board of Trustees for implementation in September, 1971, at both the Chicago Circle and Urbana-Champaign campuses. Clearly the new policy does not envision random selection among all applicants regardless of their qualifications—or even among qualified applicants unless their numbers exceed the spaces available in a given college by the time that action on applications begins. As already noted, the overall quality of the 1970 Liberal Arts and Sciences group which was selected at random from the eligible applicants is extremely high. It is equally clear that the plan does result in the denial of some very highly qualified individuals.

"Included in the recommendations adopted by the Faculty Senates was the statement, 'The effect of these policies shall be reviewed regularly by the University Committee on Admissions, with a report to the Senates each year.' The review process will provide a careful analysis of the results of the initial application of the random selection plan in the College of Liberal Arts and Sciences at the Urbana-Champaign campus."

President Henry stated that the administration was bringing criticisms and comments of the present policy to the various committees involved in reviewing it and that he anticipated bringing to the Trustees a report on this review as soon as it had been completed.

#### **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>
DENNIS WILLIAM BERSCH	Glendale, Wisconsin	Wisconsin
CHARLES LEONARD HASKELL	Chicago, Illinois	Texas
VINCENT TERENCE MCGINN	Milwaukee, Wisconsin	Wisconsin
CHARLES GORDON REED	Park Forest, Illinois	Indiana
RICHARD WAYNE RICE	Park Forest, Illinois	Indiana
PATRICK WILLIAM WALSH	Mequon, Wisconsin	Wisconsin

I concur.

On motion of Mr. Grimes, these certificates were awarded.

#### COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION ADVISORY COMMITTEE, URBANA

(2) The Dean of the College of Commerce and Business Administration and the Chancellor have recommended the following additional appointments to the Advisory Committee for the College:

WILLIAM N. CLARK, Assistant to the Publisher, Chicago Tribune—term to expire August 31, 1972

ROBERT K. DiVALL, Vice President and Treasurer, American Hospital Supply Corporation—term to expire August 31, 1970

PAUL GERDEN, Executive Vice President, Administration, Abbott Laboratories—term to expire August 31, 1970

JOHN T. HICKEY, Vice President, Planning, Motorola, Inc.—term to expire August 31, 1970

KERMIT A. PICKETT, Vice President and Corporate Systems Division Manager, Montgomery Ward—term to expire August 31, 1970

JOSEPH M. QUIGLEY, Treasurer, Northern Illinois Gas Company—term to expire August 31, 1970

RICHARD L. THOMAS, Senior Vice President and General Manager, First Chicago Corporation—term to expire August 31, 1972

I concur.

On motion of Mr. Jones, these appointments were approved.

#### APPOINTMENTS TO THE FACULTY

(3) 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; T— terminal appointment, accompanied with or preceded by notice of non-reappointment; W— one-year appointment subject to special written agreement; 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. MORRIS BARAZANI, Associate Professor of Art, beginning September 1, 1969 (A), at an annual salary of \$12,000.
2. LAWRENCE T. FRYMIRE, Professor of Speech, beginning September 1, 1969 (A), at an annual salary of \$20,000.
3. DAVID GEORGE GORENSTEIN, Assistant Professor of Chemistry, beginning September 1, 1969 (1), at an annual salary of \$10,500.
4. BETH ALLEMAN HAMILTON, Science Librarian with rank of Assistant Professor, Library, beginning October 1, 1969 (1Y), at an annual salary of \$12,000.
5. MARY GLENN WILEY, Assistant Professor of Sociology, beginning September 1, 1969 (2), at an annual salary of \$12,000.

6. THOMAS A. WILSON, Assistant Professor of Education in Research in Urban Education and in the College of Education, on one-half time, beginning September 1, 1969 (D50), at an annual salary of \$6,000.

#### Medical Center

7. SHERWOOD L. GORBACH, Associate Professor of Medicine, College of Medicine, beginning November 1, 1969 (AY), at an annual salary of \$24,000.
8. ELEANOR THOMAS, Assistant Professor, Curriculum in Medical Technology, School of Associated Medical Sciences, College of Medicine, beginning November 1, 1969 (1Y), at an annual salary of \$12,000.

#### Urbana-Champaign

9. JOSEPH A. KELLY, Assistant Professor, Police Training Institute, Division of University Extension, beginning November 1, 1969 (1Y), at an annual salary of \$14,200.
10. THOMAS W. PETRIE, Assistant Professor of Mechanical Engineering, beginning November 1, 1969 (1), at an annual salary of \$11,500.

#### Visiting Staff

11. PAUL D. EISENBERG, Visiting Assistant Professor of Philosophy, Urbana, for the second semester 1969-70 (E), at a salary of \$6,500.
12. BRIAN D. ELLIS, Visiting Professor of Philosophy, Chicago Circle, for the fall quarter 1969-70 (G), at a salary of \$7,200.
13. JEROME E. JACKSON, Visiting Assistant Professor of Physics, Chicago Circle, beginning September 16, 1969 (E), at an annual salary of \$10,200.
14. C. J. RADFORD, Visiting Associate Professor of Philosophy, Urbana, for the second semester 1969-70 (E), at a salary of \$8,800.

On motion of Mr. Grimes, these appointments were confirmed.

#### SABBATICAL LEAVE OF ABSENCE 1969-70, URBANA

- (4) In accordance with the provisions of the University of Illinois *Statutes*, I recommend that Dr. Marvin Metzger, Professor of Physical Metallurgy, be given a sabbatical leave of absence with full pay for the second semester 1969-70 for study and research, at Oxford University, on the theory of electron microscopy and diffraction.

On motion of Mr. Clement, this leave was granted as recommended.

#### EXECUTIVE DEAN OF THE COLLEGE OF MEDICINE, MEDICAL CENTER

- (5) The Chancellor at the Medical Center campus has recommended the appointment of Dr. William J. Grove, presently Professor of Surgery on indefinite tenure and Dean of the College of Medicine, as Professor of Surgery on indefinite tenure and Executive Dean of the College of Medicine, beginning January 1, 1970, on a twelve-month service basis, at an annual salary of \$40,000.

This appointment is one in a series of steps in the implementation of the plan for reorganization and expansion of the College of Medicine that was approved by the Board of Trustees at its meeting on Wednesday, July 23, 1969. The Illinois Board of Higher Education approved the plan on November 4, 1969.

Dr. Grove has served as Dean of the College of Medicine since March 1, 1968. The nomination of Dr. Grove is made after consultation with the Executive Committee of the College of Medicine. The Executive Vice President and Provost concurs.

I recommend approval.

On motion of Mr. Jones, this appointment was approved.

#### ESTABLISHMENT OF THE ABRAHAM LINCOLN SCHOOL OF MEDICINE WITHIN THE COLLEGE OF MEDICINE, MEDICAL CENTER, AND APPOINTMENT OF THE DEAN OF THAT SCHOOL

- (6) The plan for the reorganization of the College of Medicine—approved by the Board of Trustees on July 23, 1969, and endorsed by the Board of Higher Education on November 4, 1969—authorizes the establishment of semiauton-

omous "schools" within the College of Medicine, each with its own dean. The Dean of the present College of Medicine would become Executive Dean of the reorganized College, in accordance with the recommendation made in the preceding item of the agenda for this meeting.

As a further step in the implementation of the plan of reorganization, the Dean of the College of Medicine, with the concurrence of the Chancellor at the Medical Center campus, has recommended that the first of the semiautonomous "schools" be established as of January 1, 1970, and that it be named "The Abraham Lincoln School of Medicine." The new School would comprise all of the clinical departments within the present College of Medicine. Its name was proposed by the heads of these departments. (It has been decided not to include the term "clinical" in the names of the schools responsible for the last three years of the revised medical curriculum—although this usage had been indicated in the proposal submitted to the Board of Trustees on July 23, 1969.)

The Dean of the College of Medicine, with the concurrence of the Chancellor at the Medical Center campus, recommends the appointment of Dr. Alexander M. Schmidt, presently Associate Professor of Medicine on indefinite tenure and Executive Associate Dean, as Professor of Medicine on indefinite tenure and Dean of The Abraham Lincoln School of Medicine beginning January 1, 1970, on a twelve-month service basis, at an annual salary of \$37,000.

The nomination of Dr. Schmidt is made with the advice of a search committee<sup>1</sup> and after consultation with the heads of the clinical departments of the College of Medicine.

The Executive Vice President and Provost concurs in these recommendations.

I recommend approval.

On motion of Mr. Grimes, the establishment of this school was authorized and the appointment was approved.

#### PROPOSAL TO REORGANIZE AND RENAME THE OFFICE OF RESEARCH IN MEDICAL EDUCATION AND THE CENTER FOR THE STUDY OF MEDICAL EDUCATION, MEDICAL CENTER

(7) The Dean of the College of Medicine recommends, with the concurrence of the Chancellor at the Medical Center campus, that the functions performed by the Office of Research in Medical Education and the Center for the Study of Medical Education be combined into a single unit to be called the Center for Educational Development.

The Center for Educational Development will be organized and administered as a unit of the Office of the Executive Dean of the College of Medicine. Dr. George E. Miller, Professor of Medicine on indefinite tenure and currently in charge of the Office of Research in Medical Education and the Center for the Study of Medical Education, will serve as Director of the proposed Center for Educational Development.

The newly organized Center will have the following responsibilities: continuation of fundamental research in medical education; provision of assistance in development of curriculum strategy and tactics to the faculties of the several schools within the College; instructional and evaluation methods; instruction of new faculty members in educational process, particularly in the clinical centers, and the new schools of clinical medicine; and, finally, to plan, organize, and conduct the expanded programs of continuing medical education to be offered by the College of Medicine.

The University's budget request for operations for fiscal year 1970-71 as

<sup>1</sup>Lloyd M. Nyhus, Professor and Head of Surgery, *Chairman*; Erick Albert, third-year medical student; Albert H. Andrews, Professor of Bronchoesophagology and Head of Otolaryngology; Rolf M. Gunnar, Professor of Medicine; Cecil A. Krakower, Professor and Head of Pathology; Edward A. Lichter, Professor and Head of Preventive Medicine and Community Health; Alfred Nisonoff, Professor and Head of Biological Chemistry; Ira M. Rosenthal, Professor of Pediatrics; Melvin Sabshin, Professor and Head of Psychiatry, *Vice Chairman*; Irving Schulman, Professor and Head of Pediatrics; William Schumer, Professor of Surgery; John T. Sharp, Professor of Medicine; Ralph M. Wynn, Professor and Head of Obstetrics and Gynecology.

presented to the Illinois Board of Higher Education includes an item for support of the proposed Center for Educational Development.

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. Grimes, this recommendation was approved.

#### **PROPOSAL TO ESTABLISH AN OFFICE OF EDUCATIONAL RESOURCES, MEDICAL CENTER**

(8) The Chancellor at the Medical Center campus recommends the establishment of an Office of Educational Resources. The responsibility for further expansion of television and other audio-visual technology in support of the rapidly expanding educational programs of the Medical Center campus will be assigned to the proposed Office of Educational Resources.

An immediate mission of the Office of Educational Resources will be to develop and operate a telecommunication network that will link the Medical Center campus to its extramural clinical centers and affiliated hospitals. The network and its associated facilities will be used to conduct programs of continuing education, house-staff training, and teacher education. In addition, the Office of Educational Resources will maintain and improve the existing programs of instructional television for all colleges and departments at the Medical Center campus.

The Office of Educational Resources will be organized and administered as a unit of the Office of the Chancellor. The establishment of the Office of Educational Resources will occur primarily from a reorganization of functions now conducted at the Medical Center campus under the Illustration Studios.

For purposes of coordination, Dr. George E. Miller will serve as Director of the Office of Educational Resources as well as Director of the Center for Educational Development.

The University's budget request for operation for fiscal year 1970-71 as presented to the Illinois Board of Higher Education includes funds to support the proposed Office of Educational Resources.

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. Steger, this recommendation was approved.

#### **COLLEGE OF DENTISTRY AFFILIATION WITH ILLINOIS MASONIC MEDICAL CENTER, MEDICAL CENTER**

(9) The Dean of the College of Dentistry recommends, with the concurrence of the Chancellor at the Medical Center campus, approval of an affiliation agreement with the Illinois Masonic Medical Center to become effective January 1, 1970.

Under the affiliation agreement, certain resources of the Illinois Masonic Medical Center will become available to support the educational programs of the College of Dentistry. Illinois Masonic Medical Center has embarked upon a building expansion program which will increase bed capacity from 500 to 850.

The Illinois Masonic Medical Center has begun a family health care demonstration project oriented toward total patient care, but lacking a desired comprehensive dental service. An affiliation with Illinois Masonic Medical Center would provide an ideal community environmental experience. The program envisioned in the affiliation would provide clinical clerkships in hospital dentistry for the third- and fourth-year dental students, and additional facilities for rotation of the post-D.D.S. students who are training in the various dental specialties. The undergraduate clerkships would encompass on-site clinical exposure in general medicine and surgery rounds in addition to specific assignment in the Hospital Dental Department.

The affiliation will not commit the University or the Illinois Masonic Medical Center to financial obligations, and each party will remain in control of its respective instructional programs.

The Executive Vice President and Provost concurs in the recommendation. I recommend approval.

On motion of Mr. Grimes, this recommendation was approved. Mr. Stone requested that he be recorded as "present."

**REPORT ON LEGISLATION: CHANGE IN NAME OF RESEARCH  
AND EDUCATIONAL HOSPITALS AND TRANSFER OF ILLINOIS  
EYE AND EAR INFIRMARY, MEDICAL CENTER**

(10) The Illinois Seventy-sixth General Assembly passed and the Governor has approved Senate Bills 692, 693, and 694. These bills provide for the transfer of the Illinois Eye and Ear Infirmary to the University of Illinois, effective January 1, 1970.

Senate Bill No. 693 changes the name of the Research and Educational Hospitals to University of Illinois Hospital and adds the Illinois Eye and Ear Infirmary as one of the units included in the Hospital.

On motion of Mr. Clement, this report was received for record.

**APPROPRIATIONS AND REAPPROPRIATIONS  
FOR NONRECURRING EXPENDITURES**

**Urbana-Champaign**

(11) The Executive Vice President and Provost and the Vice President and Comptroller recommend the following appropriation from the University General Reserve:

Renovation and remodeling for which funds are assigned to the Department of Plant and Services:

Remodeling in the East Chemistry Building for the Medical Education Program and the Department of Biochemistry..... \$80 910

**Medical Center**

The Chancellor, on behalf of the Medical Center Committee on Nonrecurring Appropriations, recommends the following appropriation from the Medical Center General Reserve:

Illustration Studios, instructional television equipment..... \$45 000

The Chancellor at the Medical Center also recommends reappropriation from the Medical Center General Reserve of the following balances remaining in projects previously approved by the Board of Trustees but not completed by the close of the lapse period on September 30:

College of Dentistry

Department of Oral Pathology, equipment..... \$21 000

Renovation and remodeling for which funds are assigned to the Physical Plant Department:

Remodeling in the Dentistry-Medicine-Pharmacy Building for the

Department of Oral Pathology in the College of Dentistry..... 35 850

*Total* ..... \$56 850

The Executive Vice President and Provost and the Vice President and Comptroller concur.

I recommend approval of these appropriations and reappropriations.

On motion of Mr. Clement, these appropriations and reappropriations were made by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Jones, Mr. Steger, Mr. Stone, Mr. Swain; no, none; absent, Mr. Hahn, Mr. Hughes, Governor Ogilvie, Mr. Page.

**EMPLOYMENT OF ARCHITECT FOR ARCHITECTURE AND  
ART LABORATORIES ADDITION, CHICAGO CIRCLE**

(12) The President of the University, with the concurrence of appropriate administrative officers, recommends, subject to the release of funds by the Governor, the employment of Skidmore, Owings & Merrill, Chicago, for profes-



sional services, including supervision, for the Architecture and Art Laboratories Addition, Chicago Circle, at a fee of 6.12 per cent of the preliminary construction cost budget, subject to adjustment to actual cost of construction, plus reimbursable expenses approved by the University. Authorization under this contract for fees and expenses will be limited at this time to \$246,906, unless and until further authorization is given. It is further recommended that the contract be assigned to the Illinois Building Authority upon financing arrangements being completed by it.

Funds are available in state capital appropriations to the University for Fiscal Year 1970, subject to release by the Governor.

The Advisory Committee on Architectural and Engineering Services and the Buildings and Grounds Committee have approved this recommendation.

On motion of Mr. Jones, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Jones, Mr. Steger, Mr. Stone, Mr. Swain; no, none; absent, Mr. Hahn, Mr. Hughes, Governor Ogilvie, Mr. Page.

#### **EMPLOYMENT OF ENGINEER FOR AIR CONDITIONING, PHASE IV, CHICAGO CIRCLE**

(13) The President of the University, with the concurrence of appropriate administrative officers, recommends the employment of Sargent & Lundy, Chicago, for engineering services for additional air conditioning capacity for Phase IV buildings at the Chicago Circle campus on the following basis: engineering and drafting personnel at actual salaries and wages plus 50 per cent; wages of other personnel and direct costs at actual wages and costs; a fixed fee charge of 2 per cent of the preliminary construction costs subject to adjustment to actual costs of construction; field supervision at actual salary plus 30 per cent; and reimbursable expenses approved by the University.

Authorization under this contract for fees and expenses will be limited at this time to \$52,725 unless and until further authorization is given. Funds for the balance of the engineering services and the construction of this project were declared to be in the public interest by the Seventy-sixth General Assembly of the State of Illinois. It is, therefore, further recommended that the Illinois Building Authority be requested to finance the balance of the engineering work and that the contract be assigned to the Authority upon financing arrangements being completed by it.

Funds are available in state capital appropriations to the University and have been released by the Governor.

The Advisory Committee on Architectural and Engineering Services and the Buildings and Grounds Committee have approved this recommendation.

On motion of Mr. Clement, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Jones, Mr. Steger, Mr. Stone, Mr. Swain; no, none; absent, Mr. Hahn, Mr. Hughes, Governor Ogilvie, Mr. Page.

#### **EMPLOYMENT OF ENGINEER FOR EXTENSION OF UTILITIES DISTRIBUTION SYSTEM, CHICAGO CIRCLE**

(14) The President of the University, with the concurrence of appropriate administrative officers, recommends, subject to release of funds by the Governor, the employment of Sargent & Lundy, Chicago, for engineering work for the required modification and extension of the present utilities distribution system to the site of the Student Services Building and the Classroom-Office Building at the Chicago Circle campus, on the following basis: engineering and drafting personnel at actual salaries and wages plus 50 per cent; wages of other personnel and direct costs at actual wages and costs; a fixed fee charge of 2 per cent of the preliminary construction cost budget, subject to adjustment to actual costs of construction; field supervision at actual salary plus 30 per cent; and reimbursable expenses approved by the University. Authorization under this contract for fees and expenses will be limited at this time to \$110,000 unless and until further authorization is given.

The Advisory Committee on Architectural and Engineering Services and the Buildings and Grounds Committee have approved this recommendation.

Funds are available in state capital appropriations to the University, subject to release by the Governor.

On motion of Mr. Grimes, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Jones, Mr. Steger, Mr. Stone, Mr. Swain; no, none; absent, Mr. Hahn, Mr. Hughes, Governor Ogilvie, Mr. Page.

**REQUEST TO ILLINOIS BUILDING AUTHORITY TO EMPLOY  
ARCHITECT FOR PLANT RESEARCH LABORATORY  
ADDITION, CHICAGO CIRCLE**

(15) The President of the University, with the concurrence of appropriate administrative officers, recommends that the Illinois Building Authority be requested to enter into a contract with Skidmore, Owings & Merrill, Chicago, for full professional services, including supervision, for the Plant Research Laboratory Addition at the Chicago Circle campus on the following basis: 9 per cent of the first \$100,000, 8½ per cent of the next \$400,000, 8 per cent of the next \$500,000 of the preliminary construction cost budget, subject to adjustment to actual costs of construction, and reimbursable expenses authorized by the University.

The financing of the planning and construction of this project by the Illinois Building Authority was declared to be in the public interest by the Seventy-sixth General Assembly of the State of Illinois. Under the terms of the architectural contract, the Illinois Building Authority, as owner, will be responsible for the financing of all architectural fees and expenses and the University, as user, will direct the planning and approve the design and plans for the project.

The Advisory Committee on Architectural and Engineering Services and the Buildings and Grounds Committee have approved this recommendation.

On motion of Mr. Grimes, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Jones, Mr. Steger, Mr. Stone, Mr. Swain; no, none; absent, Mr. Hahn, Mr. Hughes, Governor Ogilvie, Mr. Page.

**REQUEST TO ILLINOIS BUILDING AUTHORITY TO EMPLOY ENGINEER  
FOR UTILITIES BUILDING ADDITION, PHASE IV, CHICAGO CIRCLE**

(16) The President of the University, with the concurrence of appropriate administrative officers, recommends that the Illinois Building Authority be requested to enter into a contract with Sargent & Lundy, Chicago, for professional services for the Utilities Building Addition—Phase IV at the Chicago Circle campus on the following basis: engineering and drafting personnel at actual salaries and wages plus 50 per cent; wages of other personnel and direct costs at actual wages and costs; 2 per cent of the preliminary construction cost budget subject to adjustment to actual costs of construction; field supervision at actual salary plus 30 per cent; and reimbursable expenses authorized by the University.

The financing of the planning and construction of this project by the Illinois Building Authority was declared to be in the public interest by the Seventy-sixth General Assembly of the State of Illinois. Under the terms of the engineering contract, the Illinois Building Authority, as owner, will be responsible for the financing of all engineering fees and expenses and the University, as user, will direct the planning and approve the design and plans for the project.

The Advisory Committee on Architectural and Engineering Services and the Buildings and Grounds Committee have approved this recommendation.

On motion of Mr. Clement, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Jones, Mr. Steger, Mr. Stone, Mr. Swain; no, none; absent, Mr. Hahn, Mr. Hughes, Governor Ogilvie, Mr. Page.

#### **EMPLOYMENT OF CONSULTANT FOR CHICAGO CIRCLE AND MEDICAL CENTER**

(17) The President of the University, with the concurrence of appropriate administrative officers, recommends, subject to consultation with the Legislative Audit Commission, employment of Ernst & Ernst, Chicago, for an economic analysis of operating and capital costs of separate versus consolidated physical plant facilities for the Chicago Circle and Medical Center campuses. The consultant's fee is to be based upon standard rates for principals and technical personnel plus expenses authorized by the University and is estimated at approximately \$27,000.

It is further recommended that an assignment be made from the General University Reserve in the total amount of \$27,000.

On motion of Mr. Jones, these recommendations were approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Jones, Mr. Steger, Mr. Stone, Mr. Swain; no, none; absent, Mr. Hahn, Mr. Hughes, Governor Ogilvie, Mr. Page.

#### **EMPLOYMENT OF ARCHITECT FOR ANIMAL HOLDING FACILITY, URBANA**

(18) The President of the University, with the concurrence of appropriate administrative officers, recommends, subject to the release of funds by the Governor, the employment of The Perkins & Will Partnership, Chicago, for professional services for the Animal Holding Facility, Urbana, at a fee based on 7 per cent of the preliminary construction cost budget, subject to adjustment to actual costs of construction plus reimbursable expenses approved by the University. Authorization under this contract for fees and expenses will be limited at this time to \$27,500 unless and until further authorization is given. It is further recommended that this contract be assigned to the Illinois Building Authority upon financing arrangements being completed by it.

Funds are available in state capital appropriations to the University for Fiscal Year 1970, subject to release by the Governor.

The Advisory Committee on Architectural and Engineering Services and the Buildings and Grounds Committee have approved this recommendation.

On motion of Mr. Clement, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Jones, Mr. Steger, Mr. Stone, Mr. Swain; no, none; absent, Mr. Hahn, Mr. Hughes, Governor Ogilvie, Mr. Page.

#### **FINANCING OF PARKING STRUCTURE, URBANA**

(19) On July 23, 1969, the Board of Trustees authorized the leasing of building sites to the University of Illinois Foundation for a "Parking Structure" and requested the Foundation to borrow \$1,715,000 to construct two units of the structure. The remaining \$500,000 of the cost has been provided from existing Faculty-Staff Parking Revenues.

The Foundation has completed arrangements for borrowing the funds from The First National Bank of Chicago. The Vice President and Comptroller recommends that the following resolution be adopted to formalize the actions already approved at the July 23, 1969, meeting.

#### **Resolution Re Parking Structure Sixth and John Streets and Fifth and Daniel Streets, Champaign, Illinois**

*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, hereinafter referred to as "University," that the Comptroller and Secretary of this public corporation be, and they hereby are, authorized for and in the name of, and on behalf of, this public corporation:

(1) to sign, execute and deliver an agreement with and to University of Illinois Foundation, a not-for-profit corporation of the State of Illinois, hereinafter referred to as "Foundation," which agreement shall provide that this University will lease certain hereinafter described property owned by it in Champaign, Illinois to Foundation; that Foundation will borrow money for the purpose of

constructing, and will construct, on said property buildings and facilities for use as a parking structure for approximately 658 motor vehicles in two units, one unit to be located at Sixth and John Streets in Champaign, Illinois, and the other unit to be located at Fifth and Daniel Streets in Champaign, Illinois, and which units are hereinafter referred to as "Parking Structure"; that University will make available to Foundation, to be used to pay part of the cost of said construction, the sum of Five Hundred Thousand Dollars (\$500,000.00); that Foundation will sublease said premises, including the buildings and facilities to be erected thereon, to University at a rental sufficient to pay Foundation's indebtedness incurred in connection with the construction and equipping of said buildings and facilities; and that upon completion of the repayment of said indebtedness from said rentals title to said property, including all improvements and facilities thereon, shall be vested in University:

(2) to enter into a lease with Foundation providing for the leasing by University to Foundation of the following described property, viz:

"All of Lots one (1), two (2), three (3), six (6), seven (7), eight (8), and nine (9) and the South Twenty (20) feet of Lot four (4) and the South Fifty-five and Five Tenths (55.5) feet of Lot five (5) of Block Fourteen (14) of Assessor's Subdivision of Blocks Ten (10), Eleven (11), and Fourteen (14) of J. S. Wright's Addition to the City of Champaign, situated in the City of Champaign, in the County of Champaign, and State of Illinois."

for a term of thirty years commencing on the first day of August, A.D. 1969, and extending to and including the 31st day of July, A.D. 1999, or until the indebtedness incurred by Foundation in connection with the construction and equipping of said buildings and facilities has been paid and liquidated, whichever shall first occur; in consideration of Foundation's constructing thereon buildings and facilities for use as a Parking Structure pursuant to plans and specifications therefor as now on file in the office of the University Architect of University and for which bids have been received and contracts awarded by Foundation, and in consideration of Foundation's reimbursing University for architectural and engineering fees incurred in connection with said construction and the plans and specifications therefor, and in consideration of Foundation's subleasing said premises and the buildings and facilities to be erected thereon to University upon the terms and conditions hereinafter set forth; and providing further that in the event University should become in default under the terms of said sublease or fail to exercise any option for renewal of the term of said sublease under the terms and conditions therein set forth that thereupon Foundation shall have the full and unrestricted right to the use and possession of said premises and the buildings and facilities erected thereon for the remainder of the original term of said lease and the right to assign said lease or sublet said premises with the buildings and facilities thereon to others for the remainder of the original thirty year term of said lease;

(3) to enter into a sublease agreement with Foundation when the construction of said buildings and facilities has been completed, providing for the subleasing by Foundation to University of said premises including the buildings and facilities thereon, under which sublease University will agree to pay a rental sufficient to meet all current installment payments becoming due and required to be paid by Foundation during the term of said sublease on Foundation's indebtedness incurred in connection with the construction of said buildings and facilities; said sublease to run from the date of the closing of Foundation's permanent loan secured for the financing of said improvements and extend to the next following June 30, and which permanent loan it is contemplated will be repayable in forty quarterly installments of approximately Fifty-Nine Thousand Seven Hundred Fifty Dollars (\$59,750.00) each with interest at an effective net interest rate of Five Percent (5%) due each quarter on the unpaid balance; and which sublease shall contain options giving to University the right to renew said sublease for successive annual periods from July 1 of one year to June 30 of the next following year by giving written notice to Foundation between the first and fifteenth day of July in each year when such renewal is to be made, until said sublease is finally terminated by the payment and liquidation of the above mentioned indebtedness;

(4) to commit this University to act as agent for Foundation in the supervision of construction and administration of contracts therefor and change orders thereto, and the administration and service of said indebtedness, and in making payments of and disbursements from and of funds made available by the creditor of Foundation for the purpose of said construction and acquisition of facilities; and

(5) to sign, execute, acknowledge and deliver any and all other documents and instruments deemed necessary or desirable by said Comptroller and said Secretary to accomplish the purposes herein set forth.

On motion of Mr. Grimes, the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Jones, Mr. Steger, Mr. Stone, Mr. Swain; no, none; absent, Mr. Hahn, Mr. Hughes, Governor Ogilvie, Mr. Page.

**LIMITED AGENCY AND PARTICIPATION AGREEMENT WITH ILLINOIS  
DEPARTMENT OF AERONAUTICS FOR IMPROVEMENTS  
AT UNIVERSITY OF ILLINOIS-WILLARD AIRPORT**

(20) The Illinois Department of Aeronautics has agreed to provide total costs not exceeding \$200,000 to provide certain auto parking facilities, perimeter fencing, drainage and incidental items at the University of Illinois-Willard Airport as defined in their Project 70A-12-503. It is requested that the Vice President and Comptroller and the Secretary be authorized to execute the limited agency and participation agreement required by the State Department of Aeronautics to initiate this project.

On motion of Mr. Clement, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Jones, Mr. Steger, Mr. Stone, Mr. Swain; no, none; absent, Mr. Hahn, Mr. Hughes, Governor Ogilvie, Mr. Page.

**PURCHASES**

(21) The President submitted, with his concurrence, a list of purchases recommended by the Directors of Purchases and the Vice President and Comptroller.

The list of purchases was presented in two categories: purchases from appropriated funds (i.e., from state appropriations to the University) and purchases from institutional funds. The latter term designates funds received by the University under contracts with the United States government, contracts with private corporations and other organizations, funds from foundation grants, and grants from corporations and other donors, and University revolving funds authorized by law.

The total amounts of these purchases were:

From Appropriated Funds Recommended.....	\$ 541 263 61
From Institutional Funds Recommended.....	530 290 45
<i>Grand Total</i> .....	<i>\$1 071 554 06</i>

A complete list of the purchases, with supporting information, including the quotations received, was sent to each member of the Board in advance of the meeting, and a copy is being filed with the Secretary of the Board for record.

On motion of Mr. Clement, the purchases recommended were authorized.

**COMPTROLLER'S REPORT OF PURCHASES APPROVED**

(22) The Vice President and Comptroller also submitted a report of purchases approved by him on recommendation of the Directors of Purchases in amounts of \$5,000 to \$7,500. A copy of this report is filed with the Secretary.

This report was received for record.

**COMPTROLLER'S REPORT OF GIFTS AND FUNDS RECEIVED  
FROM OUTSIDE SOURCES**

(23) The Comptroller presented a report of gifts, grants, and contract funds (including funds from private donors and funds received from governmental agencies)

received by the University during the fiscal year July 1, 1968, through June 30, 1969.

The complete report 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.

A summary of the total amounts of funds received and sources follows:

### Summary

#### Funds from Private Donors

To the University	
For Urbana-Champaign .....	\$ 6 593 219 14
For Medical Center.....	950 156 51
For Chicago Circle.....	132 023 17
	(7 675 398 82)
To the University of Illinois Foundation.....	2 724 656 72
<i>Total</i> .....	\$10 400 055 54

#### Funds from United States Government

For Urbana-Champaign (including \$862,418 from National Defense Education Act, and \$81,000 from Health Professions Act for student loans).....	\$47 921 260 68
For Medical Center (including \$39,799 from National Defense Education Act, \$424,242 from Health Professions Act, and \$36,000 from Nurses Training Act for student loans).....	9 438 535 75
For Chicago Circle (including \$161,140 from National Defense Education Act, and \$68,000 from Educational Opportunity Grants for student loans).....	6 007 628 36
<i>Total</i> .....	\$63 367 424 79

#### Funds from Contracts with State of Illinois Agencies

For Urbana-Champaign .....	\$ 1 570 151 47
For Medical Center.....	444 631 48
For Chicago Circle.....	82 825 93
<i>Total</i> .....	\$ 2 097 608 88
<i>Grand Total</i> .....	\$75 865 089 21

This report was received for record.

### COMPTROLLER'S MONTHLY REPORT OF CONTRACTS EXECUTED

(24) The Comptroller's monthly report of contracts executed was presented.

#### Chicago Circle

##### New Contracts

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
Illinois Department of Public Aid	Expansion of field instruction in public aid	\$ 10 237
<i>Total</i>		\$ 10 237

#### Medical Center

##### New Contracts

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
Illinois Department of Public Health and City of Chicago Board of Health	Evaluation of High-Risk Infant Clinic	\$ 90 181
Minnesota Mining and Manufacturing Company	Study of gastrointestinal administration for efficacy and toxicity	80 000
<i>Total</i>		\$170 181

##### Change Orders

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
United States Army DA-49-193-MD-2410	Transmission of the common cold to volunteers under controlled conditions	\$ 55 325
<i>Total</i>		\$ 55 325

*Change Orders*

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>
Simpson Construction Company	Cost-plus contract — general work: Medical Research Laboratory	\$ 8 905
<i>Total</i>		<hr/> \$ 8 905

**Urbana-Champaign***New Contracts*

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
National Aeronautics and Space Administration	Functional diagnosability and recovery from massive faults in digital systems	\$ 26 228
United States Air Force: AFOSR-70-1865 F33615-70-C-1091	Cognitive processes and systems	97 975
	Study on stabilizing a plasma by means of an external dynamic feedback loop	36 600
United States Department of the Interior Federal Water Pollution Control Administration 17060-DNU	Disinfection of sewage effluents	29 383
United States Department of State SCC-41045	University of Illinois Jazz Band tour of Russia and Poland	6 898
<i>Total</i>		<hr/> \$197 084

*Change Orders*

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
Educational Products Information Exchange Institute	Development and testing of instruments and techniques for gathering information about school settings	\$ 12 686
Illinois State Library	Library research and reference services project	100 000
Institute of Boiler and Radiator Manufacturers	Investigations, experimental, and research work relating to the heating and ventilating of houses and buildings	37 000
United States Air Force: AF-AFOSR-328-67 AF 33(615)-5248	Theory of solids and condensed matter	36 220
	Low density plasmas with gaseous lasers	20 300
United States Army: DA-49-193-MD-2909 DAAB07-69-C-0097	Determination of free bromine in water	26 225
	Study and investigation toward design of a direction finder system for MF-HF-VHF ranges	129 866
United States Atomic Energy Commission AT(11-1)1018	Pattern recognition and data handling problems arising in the analysis of bubble chamber photographs of high-energy particle events	100 000
United States Department of the Interior Office of Water Resources Research 14-01-0001-1632	Operations of Water Resources Center	100 000
United States Navy: N-00014-67-A-0305-0001	Kinetic theory of strong shock waves by solution of the Boltzmann equation	30 000
N-00014-67-A-0305-0002	Investigations of radio direction finding techniques over broad bands of frequencies to obtain accurate information on intercepted signals	170 000
<i>Total</i>		<hr/> \$762 297

*Change Orders*

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>
Dean Evans Company	Cost-plus contract — general work: East Chemistry Mining and Metallurgy Talbot Laboratory	\$ 5 500 5 800 5 800
Remco Electrical	Cost-plus contract — electrical work: Mining and Metallurgy	8 700
<i>Total</i>		<hr/> \$ 25 800

**Summary**

Amount to be paid to the University:	
Chicago Circle.....	\$ 10 237
Medical Center.....	225 506
Urbana-Champaign.....	959 381
<i>Total</i> .....	<u>\$1 195 124</u>
Amount to be paid by the University:	
Medical Center.....	\$ 8 905
Urbana-Champaign.....	25 800
<i>Total</i> .....	<u>\$ 34 705</u>

This report was received for record.

**INVESTMENT REPORT FOR THE MONTH OF OCTOBER, 1969****Report of the Finance Committee**

(25) The Finance Committee reported the following changes in investments of endowment funds:

*Beckwith*

Purchase:

\$174 000 U.S. Treasury bills due 5/31/70..... \$166 656 33

*Goldberg*

Sale:

\$1 550 Chicago & West Towns Railways 6 per cent IncBds  
due 7/1/2004 ..... 1 317 50

Purchases:

\$1 000 General Finance Corporation demand note..... 1 000 00  
6 000 U.S. Treasury bills due 5/31/70..... 5 746 77

*Miller*

Sale:

\$35 000 Ford Motor demand notes..... 35 000 00

Purchase:

100 shares International Business Machines common stock..... 34 998 93

*Pool*

Sales:

100 shares Corn Products Company common stock..... 3 314 18  
8 shares Marcor, Incorporated, common stock..... 404 00  
520 shares Quaker Oats common stock..... 29 199 82

Purchase:

\$32 000 CIT Financial Corporation demand notes..... 32 000 00

*Rust*

Purchase:

\$83 000 U.S. Treasury bills due 5/31/70..... 79 496 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:

*Current Funds**Current Funds* (Chicago Circle)

Sale:

\$6 000 Walter E. Heller demand notes..... \$ 6 000 00

Purchases:

\$ 6 000 Walter E. Heller demand notes..... 6 000 00  
255 000 Jim Walter notes due 7/3/69..... 253 693 02  
50 000 Jim Walter notes due 7/23/69..... 49 427 08  
55 000 Jim Walter notes due 9/30/69..... 53 513 72  
445 000 Jim Walter notes due 10/6/69..... 439 424 19  
250 000 Jim Walter notes due 12/29/69..... 239 098 96



*Ford Foundation International Programs*

Purchase:  
 \$178 000 U.S. Treasury bills due 5/31/70..... 170 487 41

*Medical Service Plan*

Purchases:  
 \$ 50 000 U.S. Treasury bills due 10/30/69..... 49 282 22  
 235 000 Federal National Mortgage Association notes due 12/8/69 226 325 73

*Restricted Group*

Sale:  
 \$1 000 000 Household Finance notes due 11/5/69..... 998 347 22

Purchases:  
 \$1 000 000 Amoco notes due 10/16/69..... 998 347 22  
 1 000 000 Genesco notes due 1/6/70..... 978 368 06  
 1 000 000 Arkansas Louisiana Gas notes due 2/3/70..... 971 968 75  
 1 000 000 Beneficial Finance notes due 4/6/70..... 958 916 67  
 1 000 000 Clark Equipment notes due 4/6/70..... 959 520 83  
 1 000 000 Arkansas Louisiana Gas notes due 5/4/70..... 953 013 89  
 1 000 000 B-W Acceptance Corporation notes due 5/4/70..... 953 472 22  
 1 000 000 Creditthrift Financial 9½ per cent notes due 4/16/71.... 1 000 000 00

*Stubbins Student Loan*

Sale:  
 \$2 000 U.S. Treasury bills due 2/28/70..... 1 935 60

*Plant Funds**Art Objects*

Purchase:  
 \$362 000 U.S. Treasury bills due 7/31/70..... 342 079 44

*Bonds of 1964 Auxiliary (Medical Center)*

Purchase:  
 \$120 000 U.S. Treasury bills due 11/30/69..... 119 304 87

*Dentistry-Medicine-Pharmacy Auxiliary (Medical Center)*

Purchases:  
 \$100 000 U.S. Treasury bills due 12/22/69..... 99 035 44  
 310 000 U.S. Treasury bills due 4/16/70..... 299 398 00  
 200 000 U.S. Treasury bills due 8/15/70..... 199 900 00

*Florida Avenue Residence Hall*

Sale:  
 \$650 000 U.S. Treasury bills due 2/28/70..... 634 985 00

*Sinking Funds**Assembly Hall*

Purchases:  
 \$ 2 000 U.S. Treasury bills due 3/31/70..... 1 943 08  
 205 000 U.S. Treasury 6¾ per cent notes due 8/15/70..... 202 693 75

*Bonds of 1964 (Medical Center)*

Purchase:  
 \$51 000 U.S. Treasury bills due 11/13/69..... 49 510 10

*Dentistry-Medicine-Pharmacy (Medical Center)*

Purchases:  
 \$66 000 U.S. Treasury bills due 3/26/70..... 64 102 50  
 20 000 U.S. Treasury bills due 3/31/70..... 18 947 25  
 7 000 U.S. Treasury 4½ per cent bonds due 2/15/74..... 6 454 38

*Union Bond and Interest (Chicago Circle)*

\$321 000 U.S. Treasury bills due 9/18/69..... 315 725 79  
 365 000 U.S. Treasury bills due 2/28/70..... 347 874 40  
 367 000 U.S. Treasury bills due 3/23/70..... 351 629 46

This report was received for record.

### HEADSHIP OF THE DEPARTMENT OF OPHTHALMOLOGY, MEDICAL CENTER

(26) The Dean of the College of Medicine has recommended to the Chancellor at the Medical Center campus the appointment of Dr. Morton F. Goldberg, presently Research Fellow in Genetics, Department of Medicine, The Johns Hopkins University, as Professor of Ophthalmology on indefinite tenure and Head of the Department, beginning January 15, 1970, on a twelve-month service basis, at an annual salary of \$38,000.

This appointment is to succeed Dr. Peter C. Kronfeld, who retired August 31, 1968.

The nomination of Dr. Goldberg is made with the advice of a search committee<sup>1</sup> and after consultation with all members of the faculty of the Department of Ophthalmology of the rank of assistant professor and above, and with the Dean of the Graduate College. The Chancellor at the Medical Center campus approves the recommendation. The Executive Vice President and Provost concurs.

I recommend approval.

On motion of Mr. Clement, this appointment was approved.

### CONTRACT WITH BOARD OF EDUCATION OF THE CITY OF CHICAGO

(27) The Chancellor at Chicago Circle and the Vice President and Comptroller recommend award of a contract with the Board of Education of the City of Chicago in the amount of \$7,790.34.

This contract provides for reimbursement to the Board of Education for three-fifths (\$7,790.34) of the services of one of their staff members, who will serve as Specialist in Education, as a supervisor of the student teachers of English.

Funds are available from the College of Liberal Arts and Sciences unassigned salaries.

I concur.

On motion of Mr. Grimes, this contract was awarded as recommended by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Jones, Mr. Steger, Mr. Stone, Mr. Swain; no, none; absent, Mr. Hahn, Mr. Hughes, Governor Ogilvie, Mr. Page.

### AUTHORIZATION FOR A STUDY OF THE FEASIBILITY OF A PROGRAM OF TELEVISION INSTRUCTION OFF CAMPUS TO BE CONDUCTED BY THE COLLEGE OF ENGINEERING AT CHICAGO CIRCLE

(28) The Dean of the College of Engineering at the Chicago Circle campus, with the concurrence of the Chancellor, has proposed a study of the feasibility of developing and financing a program of off-campus instruction in engineering by means of televising regular courses as they are taught on campus.

The feasibility study would be conducted with the assistance of Genesys Systems, Inc., of Mountain View, California, an organization specializing in the planning and implementation of university-level instructional television networks (e.g., the one in operation at Stanford University's College of Engineering). This firm would provide consulting services covering all aspects of such a program, including presentations to industry and financial arrangements.

It is proposed that the Vice President and Comptroller be authorized to execute a consulting agreement with Genesys Systems, Inc., for such a feasibility study, and that the Board approve an allocation from the University General Reserve in the amount of \$15,000 for this purpose.

The Executive Vice President and Provost and the Vice President and Comptroller recommend approval.

I concur.

On motion of Mr. Stone these recommendations were approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Jones, Mr.

<sup>1</sup> Nicholas J. Cotsonas, Professor of Medicine, Chief of Medical Services, Research and Educational Hospitals, and Acting Head of the Department of Medicine, College of Medicine, *Chairman*; Robert W. Carton, Professor of Medicine; William F. Hughes, Jr., Clinical Professor of Ophthalmology; L. M. H. Larramendi, Professor of Anatomy; Everett W. Maynert, Professor of Pharmacology; Burton J. Soboroff, Professor of Otolaryngology; Donald J. Caseley, Vice Chancellor; George S. Procyk, Student Member; James W. Klein, Student Member.

Steger, Mr. Stone, Mr. Swain; no, none; absent, Mr. Hahn, Mr. Hughes, Governor Ogilvie, Mr. Page.

#### CONTRACT FOR A FEASIBILITY STUDY IN FACSIMILE PRINTING

(29) The Stewart-Warner Corporation has offered to support a feasibility study in the amount of \$9,917 to be conducted by the Department of Electrical Engineering at the University of Illinois in facsimile printing using electrical field forces for ink transfer. The proposed study supports an area of research in which the Department of Electrical Engineering has developed a unique competence in the basic fundamentals applicable to this project. Since this is a feasibility study, it is contemplated that the project may lead to substantial additional support for graduate students and staff in an important field of interest in the Department of Electrical Engineering.

University policy provides that patentable discoveries and related rights arising out of such a project will remain the property of the University, but if such discoveries have commercial value, the sponsoring agency may receive preferential consideration in the administration of the patent. The sponsor in this instance has requested that such preferential treatment be defined in advance, as follows:

Sponsor shall have an option for the following license under any and all patentable inventions and developments arising out of contract.

1. The option shall be for an exclusive license and shall be exercisable by the sponsor with respect to each invention within 90 (ninety) days after the filing of the patent application;
2. If such option is exercised, sponsor shall pay quarterly to the University a royalty of five per cent (5%) of the net sales price of that portion of the apparatus or method covered by the limitation of the license patent claims (multiple royalties shall not be paid on two or more patents);
3. If for any calendar year, sponsor shall fail to pay a royalty of at least five thousand dollars (\$5,000), then the license can be converted to a nonexclusive license by the University giving sponsor ninety (90) days advance written notice. Sponsor can pay such sum as may be necessary to maintain its exclusive license within such ninety (90) days.
4. Sponsor shall have the right to terminate the license with respect to any or all patents upon ninety (90) days notice to the University.
5. The University will have an option of converting the license to a nonexclusive license after a ten-year period.

The President, with the concurrence of appropriate administrative officers, recommends approval of the foregoing contract.

On motion of Mr. Clement, this contract was approved as recommended.

#### HEADSHIP OF THE DEPARTMENT OF ENTOMOLOGY, URBANA

(30) The Dean of the College of Liberal Arts and Sciences has recommended to the Chancellor at Urbana-Champaign the appointment of Dr. Joseph R. Larsen, Jr., presently Professor of Entomology and Physiology, Counselor in the Council on Teacher Education, and Acting Head of the Department of Entomology, as Head of the Department of Entomology beginning January 1, 1970, on an academic year service basis, at an annual salary of \$17,600.

Dr. Larsen will continue to hold the rank of Professor of Entomology and Physiology on indefinite tenure.

This appointment will succeed Dr. Clyde W. Kearns who asked to be relieved of this administrative assignment as of November 1, 1969.

The nomination of Dr. Larsen has the support of the Executive Committee of the College of Liberal Arts and Sciences and the Dean of the Graduate College. The Chancellor at Urbana-Champaign approves the recommendation. The Executive Vice President and Provost concurs.

I recommend approval.

On motion of Mr. Clement, this appointment was approved.

### CURRICULUM IN TEACHER EDUCATION IN RUSSIAN, CHICAGO CIRCLE

(31) The Chicago Circle Senate has approved a proposal from the Department of Slavic Languages and Literatures, College of Liberal Arts and Sciences, for the establishment of a curriculum in Teacher Education in Russian leading to the degree of Bachelor of Arts in the Teaching of Russian.

The enrollment in existing programs in Russian language in Illinois high schools is on the increase generally. A recent survey has indicated that more than half of these programs are located either in the city of Chicago or in its suburbs. (The majority of Illinois residents of Slavic background live in the Chicago area.) Available data indicate that the area will continue to be the most promising locale in the state for expansion of Russian high school programs and the resultant need for teachers of Russian.

The proposed program would allow close supervision of practice teachers as well as provide courses to maintain and improve the skills of current high school teachers of Russian.

The four-year curriculum consists of advanced training in the Russian language, the essential preparation in the field of Russian literature and criticism, and the basic methodology in teaching Russian at the high school level. Courses in education and the necessary college and university requirements are also part of the curriculum.

The Chancellor at the Chicago Circle campus and the Executive Vice President and Provost endorse this proposal. The University Senates Conference indicates that no other Senate jurisdiction is involved.

I recommend approval, subject to further action by the Illinois Board of Higher Education.

On motion of Mr. Jones, this recommendation was approved.

### CHANGE ORDER—COMPUTER LEASE/ACQUISITION

(32) The Department of Civil Engineering has a B 5500 computer system on a seven-year lease with the Burroughs Corporation as authorized by the Board of Trustees on March 14, 1967 (Item 17). Special procedures (programs) have been developed and are used in conjunction with this system to provide data as part of a research project originally sponsored by the State Technical Services Act.

The project provides to the building industry throughout the state of Illinois the data processing and decision-making tools, such as planning and scheduling, estimating, and payroll, and accounting, through the use of a computer center and remote terminals. The computer system also serves to enhance the resources of the Department of Civil Engineering for the education of students in this field.

The Burroughs Corporation has proposed a change order to the existing Agreement for Equipment Lease and Maintenance (lease agreement) which would permit the University to acquire title to the equipment at a total net cost of \$818,594 with payments spread over a seven-year period in accordance with the following schedule:

Fiscal Year 1970.....	\$ 58 470
Fiscal Year 1971.....	116 940
Fiscal Year 1972.....	116 940
Fiscal Year 1973.....	116 940
Fiscal Year 1974.....	116 940
Fiscal Year 1975.....	116 940
Fiscal Year 1976.....	116 940
Fiscal Year 1977.....	58 484
	<hr/>
	\$818 594

In addition, the University will pay \$203,532 in maintenance costs over the seven-year period. The University will have the right to terminate if funds are not available for the annual payment or if the computer is no longer needed for the project.

The net result of this change order will be to effect a total savings of \$917,014 over the seven-year period and at the end of which title to the equipment will be vested in the University.

The overall program for the computer center will be supported jointly by the

University and private industry with payments required by this contract coming from industrial participants.

The President of the University, with the concurrence of appropriate administrative officers, recommends that the Board authorize the Comptroller and the Secretary of the Board of Trustees to accept the proposal of Burroughs Corporation as outlined above and to execute such contracts, change orders, or other appropriate documents as may be necessary to acquire title to the equipment in accordance with the plan here described.

On motion of Mr. Steger, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Jones, Mr. Steger, Mr. Swain; no, none; absent, Mr. Hahn, Mr. Hughes, Governor Ogilvie, Mr. Page. Mr. Stone requested that he be recorded as not voting.

#### **AGREEMENT FOR TRAINING OF APPRENTICE AND JOURNEYMEN PLUMBERS AND PIPEFITTERS, URBANA**

(33) The President of the University, with the concurrence of appropriate administrative officers, recommends that the Board authorize the Comptroller and Secretary to execute an agreement with Local No. 149, United Association of Journeymen and Apprentices of the Plumbing and Pipefitting Industry of the United States and Canada, AFL-CIO, the Joint Apprenticeship Committee of the Plumbing and Pipefitting Industry in Champaign County, Illinois, and the Trustees of the Fund for the Training of Apprentice and Journeymen Plumbers and Pipefitters of Central Illinois, to provide on a continuing basis for the training of apprentice and journeymen plumbers and pipefitters employed by the University, and to fund this program by paying to the Trustees of the Fund twelve cents per hour worked by all apprentice and journeymen plumbers or pipefitters employed at the Urbana-Champaign campus. The total cost of this program is estimated to be \$10,000 for the period January 1, 1970, through June 30, 1970.

Funds are available in state appropriations to the University for the Fiscal Year 1969-70.

On motion of Mr. Jones, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Jones, Mr. Steger, Mr. Stone, Mr. Swain; no, none; absent, Mr. Hahn, Mr. Hughes, Governor Ogilvie, Mr. Page.

#### **RESOLUTIONS FROM THE URBANA SENATE ON EQUAL OPPORTUNITY IN UNIVERSITY CONSTRUCTION**

(34) President Henry called to the attention of the Board the inclusion in the "President's Report on Actions of the Senates" the text of the resolutions from the Urbana Senate with regard to equal opportunity in University construction.

The resolutions, approved by the Urbana Senate on November 10, 1969, are as follows:

"Despite an appreciable concern on the part of the administration, the University has not succeeded in its efforts at Urbana-Champaign to provide adequate employment opportunity for black-citizens in the several crafts engaged with private contractors in University construction projects.

"Therefore be it resolved:

"I. That the University announce in its advertising for bids upon University construction projects (and the University of Illinois Foundation for bids for the construction of the Faculty Center), that contracts will be awarded only to contractors who submit affirmative action programs which are designed to meet goals prescribed by the University, and further that failure to comply with the affirmative action programs will result in prompt suspension of work upon contracts which have been awarded.

"II. That the University establish as soon as possible, but not later than January 1, 1970, the specific goals of minority group employment, to be implemented by the contractors affirmative action proposals, which will secure in the shortest practicable period of time significant inclusion of black craftsmen in each of the several crafts engaged upon University construction projects."

President Henry reviewed the history of the University's effort to work toward equal opportunity in University construction projects. He noted that the institution, as one agency, is limited in its freedom to act in a complex situation and expressed concern that results had not met expectations. He reported that the sentiment of the faculty and student body strongly favored intensified effort and that there was a general sense of frustration shared by all.

The subject now is receiving attention from the Illinois Board of Higher Education and a committee has been established to make recommendations affecting all state construction, including construction at universities. President Henry stated that recommendations concerning procedures are expected to come to the Board of Higher Education in the next month or two and that University representatives would be consulted. In the light of this general state-wide concern, the President expressed the view that the University should not act unilaterally. He recommended that the Board take no action at this time and that the Chancellor at Urbana so advise the Senate of the status of the question at the state level and report to the Senate on the presentation of the question to the Trustees at this meeting.

Mr. Jones stated that the Board of Higher Education should be aware of the University's concern and expressed his own view that the "Philadelphia Plan" (as now articulated at the federal level with respect to federally supported projects) be looked upon as the minimum position to be taken. Following general discussion and at the suggestion of Mr. Stone that a tone of general support of equal opportunity be expressed at this time, Mr. Jones moved that the resolutions of the Urbana Senate and the general subject be referred to the Committee on General Policy.

The motion carried.

#### **ADDITIONAL RESOURCES AVAILABLE IN SUPPORT OF EQUAL OPPORTUNITY PROGRAMS**

Mr. Jones suggested that consideration be given to the allocation of funds and application of priorities in support of equal opportunity programs. He expressed specific interest in the expansion of student aid, including tuition waivers, to permit the admission and support of additional disadvantaged students in the College of Law. He emphasized this field in view of its potential leadership and in view of the fact that the University of Illinois at Urbana maintains the only public-supported school of law in the state. He suggested that additional resources be made available, even if reallocation of existing tuition waivers and other funds would be necessary.

In the general discussion following this proposal, the President of the University indicated the difficulties inherent in withdrawing funds from other colleges in support of a single college. Mr. Stone suggested that a logical resource would be the private community, particularly the business community, indicating that he would be willing to work on a committee to seek support in that direction. It was pointed out that the Board's pattern of granting tuition waivers could be changed but that the granting of waivers would meet but a portion of the total costs of attending the College of Law. Mr. Stone expressed the view that the University's limited funds made it undesirable to withdraw funds from one college to help another; rather that the question was one of securing additional funds from other sources. He offered to be of personal assistance in providing (and in seeking the support of others to obtain) the funds needed.

**COMMUNICATIONS**

The Chairman presented two requests to appear before the Board as follows:

1. A request from the Undergraduate Student Association that when the subject of increased charges for University housing at Urbana comes before the Board, representatives of the UGSA be permitted to appear and speak to it.

On motion of Mr. Steger, the Board approved granting such an appearance when the subject is on the agenda.

2. Letter from the Students for Environmental Controls requesting Trustee endorsement and further support on a national teach-in at Urbana next April 22.

In considering the request, the Trustees expressed interest in receiving more specific information about the plans prior to determining the desirability of the appearance requested.

On motion of Mr. Grimes, the Secretary was directed to request such information of the organization and to suggest that the subject be discussed with the Chancellor for further recommendation.

**SECRETARY'S REPORT**

The Secretary presented for the record the following lists: appointments to the faculty made by the President; cancellation, declination, and resignations; leaves of absence; cancellations of leaves of absence; retirements. A copy of the report is filed with the Secretary.

**ANNUAL MEETING OF THE BOARD**

On motion of Mr. Grimes, the Board voted to change the date of the annual meeting from the second Tuesday, March 10, to the third Wednesday, March 18, to be held in Urbana.

**RECESS**

The regular meeting was recessed and Mr. Swain stated that an executive session had been requested and was being ordered to consider recommendations relating to patentable inventions and property acquisitions.

**EXECUTIVE SESSION**

When the Board reconvened, the same members of the Board, officers of the Board, and officers of the University were present as recorded at the beginning of these minutes, with the exception of Mr. Jones who asked to be excused.

Inasmuch as a quorum of the Board was not present, the Executive Committee was convened to consider recommendations relating to patentable inventions and property acquisitions. A report of these actions will be submitted for approval by the Board in January, 1970.

On motion of Mr. Steger, the Board adjourned.

EARL W. PORTER  
*Secretary*

TIMOTHY W. SWAIN  
*President Pro Tem*

**MEETING OF THE BOARD OF TRUSTEES**  
**OF THE**  
**UNIVERSITY OF ILLINOIS**

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**January 21, 1970**



The January meeting of The Board of Trustees of the University of Illinois was held in the Chicago Illini Union, Medical Center campus, Chicago, Illinois, on Wednesday, January 21, 1970, beginning at 9:30 a.m.

President Earl M. Hughes called the meeting to order and asked the Secretary to call the roll. The following members of the Board were present: Mr. Howard W. Clement, Mr. Donald R. Grimes, Mr. Ralph C. Hahn, Mr. Earl M. Hughes, Mr. Theodore A. Jones, Mr. Russell W. Steger. Governor Richard B. Ogilvie, Mr. Ray Page, Mr. W. Clement Stone, and Mr. Timothy W. Swain were absent.

Also present were President David D. Henry; Executive Vice President and Provost Lyle H. Lanier; Chancellor J. W. Peltason, Urbana-Champaign campus; Vice Chancellor Donald J. Caseley, Medical Center campus; Vice Chancellor Daniel C. McCluney, Chicago Circle campus; Mr. C. S. Havens, University Director of Physical Plant Planning and Construction; Mr. C. E. Flynn, Assistant to the President and University Director of Public Information; Mr. James J. Costello, University Counsel; and the officers of the Board, Mr. H. O. Farber, Comptroller; Mr. R. R. Manchester, Treasurer; and Dr. Earl W. Porter, Secretary.



**REPORT ON MISSION ABROAD — EARL M. HUGHES**

Mr. Hughes opened the meeting with brief remarks on his recently-completed mission to India and Teheran, to visit educational projects in which the University participates.

**REPORT ON REVIEW OF POLICY ON ADMISSIONS**

President Henry reported that in December the University was invited to present an exposition of the new admissions policy and procedures to the Illinois Board of Higher Education. He noted that that Board had received a letter on the subject from Governor Ogilvie. Dr. Henry stated that in the discussion with the Board of Higher Education it became clear that the difficulty of making admissions judgments among qualified students when institutional capacity is exceeded is not one peculiar to the University of Illinois. The Executive Director of the State Board proposes to study the general question. Meanwhile, the All-University Committee on Admissions is reviewing the subject and will report to the three Senates. The President stated that when the study has been completed a report will be presented to the Trustees.

This report was received for record.

**REPORT ON PROCEDURES FOR IMPLEMENTING FEDERAL AND STATE LEGISLATION RELATING TO CAMPUS DISORDERS AND FINANCIAL AID**

A memorandum from the University Counsel on this subject, and a document outlining administrative procedures relating to it, were presented to the Trustees. The President indicated that the procedures would be made effective immediately.

The report from the University Counsel was received for record. The statement of procedures follows:

**University of Illinois Procedures for Implementing Federal and State Legislation Relating to Campus Disorders and Financial Aid**

- A. State and Federal legislation requiring disqualification for or withdrawal of financial aid will be implemented by the University through a system separate from and independent of other University procedures.
- B. Denial or termination of financial aid as required by the legislation will occur only after the applicant or recipient has had notice and an opportunity for hearing.
- C. At each campus the Chancellor, on behalf of the President, will be responsible for the initiation and disposition of such matters within the guidelines here established.
- D. Machinery for implementation will have the same basic structure at each campus, as outlined herein.
- E. Referral to hearing will be by the direction of the Chancellor. (If a referral under S.B. 191 is contested, the Chancellor shall consult with the President.)
- F. At each campus a hearing panel will be appointed annually by the Chancellor on behalf of the President.
- G. The panel will hear and decide all cases referred by the Chancellor, and its decision shall be final unless appealed.
- H. Any applicant or recipient may appeal the decision of the hearing panel to the Chancellor for review, and the Chancellor's disposition on review shall not be subject to further appeal or review.
- I. Each Chancellor will develop procedures for initiation, presentation, hearing, and appeal of cases. Hearing and appeal procedures will be subject to the approval of the University Counsel for legal sufficiency.

### TRIBUTE TO LOUIS BOUDREAU

Mr. Steger asked that the Trustees recognize the recent election of Louis Boudreau, alumnus and former University of Illinois athlete, to the Baseball Hall of Fame.

On motion of Mr. Steger, the Board directed the Secretary to send a wire of congratulations to Mr. Boudreau and to include a resolution of tribute in the minutes of this meeting. The resolution is as follows:

#### TO LOUIS BOUDREAU

Members of the University of Illinois Board of Trustees note with enthusiasm the election of Louis Boudreau, an alumnus of the Class of 1940, to the Baseball Hall of Fame. This honor, the most recent in a long series of distinctions in the field of athletics, not only is a great personal achievement but a creditable reflection upon his *alma mater*.

Since he came to the Urbana-Champaign campus in 1936, Louis Boudreau as a member of varsity basketball and baseball teams, as a student athlete and sportsman, and later in professional careers in the major leagues and in the field of communications has exemplified the highest ideals and traditions of the University of Illinois.

Since 1965 he has been a member of the Board of Directors of the University of Illinois Athletic Association and currently is president of that Board. His services to the University have been many and performed at all times in the spirit of institutional loyalty and devotion.

In recognition of his achievements and services, therefore,

Be It Resolved by the University of Illinois Board of Trustees that this tribute to Louis Boudreau be made public; that the Board direct that this tribute and resolution be incorporated in the minutes of this meeting to become a part of the official record, and that a suitable copy be forwarded to him as a permanent record of the esteem and affection in which he is held.

**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.

### BUDGET FOR 1970 SUMMER SESSION AND FACULTY APPOINTMENTS, URBANA-CHAMPAIGN

(1) Submitted herewith are the budget and appointments to the faculty for the 1970 Summer Session at Urbana-Champaign from June 22 through August 15, 1970.

The distribution of the budgeted funds is as follows:

Salaries.....	\$1 754 243
Reserve.....	24 582
<i>Total</i> .....	(1 778 825)
Wages and Expense.....	28 675
Administration.....	\$ 6 000
Departmental.....	22 675
<i>Total Budget</i> .....	\$1 807 500

The projected enrollment for the summer of 1970 is 12,839, an increase of 851 over the 1969 summer session.

Salaries of members of the University faculty recommended for summer session appointments are computed on the basis of the standard formula: two-ninths of the salary of the academic year for eight weeks of service, with proportionate amounts for shorter periods or for part-time service. The appointments being

recommended include a number of visiting lecturers from other colleges and universities at the salaries indicated.

I recommend that the appointments to the summer session staff be approved as submitted, and that the President of the University be authorized to accept resignations and make such changes and adjustments and additional appointments as are necessary in accordance with the needs of the University within the allocations of funds indicated.

On motion of Mr. Grimes, these appointments in the summer session budget for the Urbana-Champaign campus for 1970 were approved, and authority was given as requested; this action was taken by the following vote; Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Steger; no, none; absent, Governor Ogilvie, Mr. Page, Mr. Stone, Mr. Swain.

	<i>Per Cent Time</i>	<i>Summer Salary</i>
<b>Accountancy</b>		
1. Norton M. Bedford, Professor.....	100	\$ 6 089
2. Edwin J. DeMaris, Professor.....	50	2 523
3. Robert I. Dickey, Professor.....	100	4 956
4. Clive F. Dunham, Professor.....	50	1 956
5. Dorothy Litherland, Professor.....	100	4 778
6. R. K. Mautz, Professor.....	100	6 223
7. William E. Thomas, Jr., Professor.....	100	4 023
8. Nelson D. Wakefield, Professor.....	100	3 778
9. _____, Professor.....	100	4 200
10. Lawrence S. Revsine, Assistant Professor.....	100	3 112
11. _____, Assistant Professor.....	50	1 489
12. Nancy A. Desmond, Instructor.....	100	1 600
		(44 727)
<b>Advertising</b>		
1. S. Watson Dunn, Professor.....	100	\$ 4 534
2. Arnold M. Barban, Associate Professor.....	100	3 367
		(7 901)
<b>Anthropology</b>		
1. David W. Plath, Professor.....	100	\$ 3 778
2. _____, Professor.....	50	1 745
3. Guy Gibbon, Assistant Professor.....	100	2 445
4. Charles J. Bareis, Instructor.....	100	2 156
5. Jan C. Brukman, Instructor.....	100	2 445
6. 3.75 FTE Assistants.....		4 500
		(17 069)
<b>Architecture</b>		
1. _____, Professor.....	100	\$ 5 112
2. Charles B. Looker, Jr., Professor.....	100	3 600
3. Claude A. Winkelhake, Professor.....	50	1 650
4. James F. Knight, Assistant Professor.....	100	2 278
5. Robert L. J. Amico, Assistant Professor.....	100	2 623
6. 0.50 FTE Assistant.....		600
		(15 863)
<b>Art</b>		
1. James R. Shipley, Professor.....	100	\$ 5 445
2. W. F. Doolittle, Professor.....	67	3 112
3. Philipp Fehl, Professor.....	100	4 667
4. Donald E. Frith, Professor.....	67	2 223
5. Kenneth M. Lansing, Professor.....	67	2 445
6. Raymond Perlman, Professor.....	100	3 689
7. _____, Professor.....	67	2 638
8. Frank E. Gunter, Associate Professor.....	100	2 556
9. Alvin D. Moore, Associate Professor.....	67	1 778
10. _____, Assistant Professor.....	67	1 556
11. Edward E. Lancaster, Assistant Professor.....	67	1 630

	<i>Per Cent Time</i>	<i>Summer Salary</i>
12. Donald W. Pilcher, Assistant Professor.....	67	1 363
13. Dennis M., Rowan, Assistant Professor.....	67	2 075
14. John D. Colley, Instructor.....	67	1 334
15. Norman P. Gambill, Instructor.....	50	1 200
16. _____, Instructor.....	67	1 334
17. _____, Instructor.....	67	1 200
18. 2.00 FTE Assistants.....		2 700
		(42 945)

**Astronomy**

1. Stanley P. Wyatt, Jr., Professor.....	50	\$ 1 950
2. .50 FTE Assistant.....	50	600
		(2 550)

**Bands**

1. Guy M. Duker, Assistant Director.....	33	\$ 1 144
		(1 144)

**Botany**

1. Larry R. Hoffman, Associate Professor.....	100	\$ 2 845
2. Zane B. Carothers, Associate Professor.....	100	2 934
3. Harvey A. Miller, Visiting Professor..... (149 Morrill Hall)	100	3 334
4. 1.50 FTE Assistants.....		1 800
		(10 913)

**Business Administration**

1. Richard V. Evans, Professor.....	100	\$ 4 667
2. Martin Howe, Visiting Professor..... (350 Commerce West)	100	3 112
3. Robert Albanese, Visiting Associate Professor..... (385 Commerce West)	100	3 378
4. Robert L. Black, Jr., Associate Professor.....	100	3 200
5. B. F. Kirkpatrick, Associate Professor.....	100	2 578
6. Haim Levy, Visiting Associate Professor..... (385 Commerce West)	100	2 734
7. _____, Associate Professor.....	100	3 778
8. Robert A. Abrams, Assistant Professor.....	100	3 000
9. Marvin H. Berhold, Assistant Professor.....	100	2 978
10. Joel B. Cohen, Assistant Professor.....	100	3 267
11. David M. Gardner, Assistant Professor.....	100	3 223
12. Richard K. Ingersoll, Assistant Professor.....	50	1 167
13. Kendrieth M. Rowland, Assistant Professor.....	100	3 112
14. David J. Cherrington, Instructor.....	100	3 000
15. 1.50 FTE Assistants.....		1 900
		(45 094)

**Ceramic Engineering**

1. A. L. Friedberg, Professor.....	25	\$ 1 295
2. James A. Nelson, Professor.....	25	945
		(2 240)

**Chemistry and Chemical Engineering**

1. Gilbert P. Haight, Jr., Professor.....	100	\$ 5 112
2. _____, Visiting Lecturer.....	100	2 889
3. John P. Hummel, Professor.....	100	3 778
4. _____, Associate Professor.....	100	2 578
5. Roger A. Schmitz, Associate Professor.....	100	3 000
6. Bassam Z. Shakhshiri, Visiting Assistant Professor..... (357 Noyes Laboratory)	100	2 267
7. _____, Visiting Lecturer.....	100	4 000
8. _____, Visiting Lecturer.....	100	3 500
9. _____, Visiting Lecturer.....	100	3 200
10. _____, Visiting Lecturer.....	100	3 200
11. _____, Visiting Lecturer.....	100	3 200

	<i>Per Cent Time</i>	<i>Summer Salary</i>
12. ———, Visiting Lecturer.....	100	2 900
13. 14.00 FTE Assistants.....		19 678
		(59 302)

**Child Development**

1. ———, Visiting Lecturer.....	100	\$ 1 889
2. Robert B. Smith, Associate Professor..... (See Music)	50	1 384
3. Collene B. King, Assistant Professor.....	100	2 000
4. 2.00 FTE Assistants.....		2 536
		(7 809)

**Civil Engineering**

1. N. M. Newmark, Professor.....	25	\$ 1 834
2. John D. Haltiwanger, Professor.....	70	3 267
3. R. A. Eubanks, Professor.....	60	2 747
4. Edwin H. Gaylord, Jr., Professor.....	60	2 574
5. Herbert O. Ireland, Professor.....	70	2 380
6. Houssam M. Karara, Professor.....	60	2 347
7. ———, Professor of Foundation Engineering.....	60	3 400
8. John T. Pfeffer, Professor of Sanitary Engineering.....	35	1 206
9. Chester P. Siess, Professor.....	60	3 307
10. James E. Stallmeyer, Professor.....	70	2 723
11. William L. Gamble, Associate Professor.....	70	2 178
12. John W. Melin, Associate Professor.....	70	2 334
13. Robert J. Mosborg, Associate Professor.....	50	1 623
14. ———, Assistant Professor of Environmental Biology	35	856
15. .50 FTE Assistant.....		734
		(33 510)

**Classics**

1. ———, Professor.....	75	\$ 2 834
2. ———, Assistant Professor.....	75	1 692
3. D. Gary Miller, Visiting Assistant Professor..... (See Linguistics)	25	645
(Total salary).....	(50)	(1 289)
4. 2.00 FTE Assistants.....		(1 934)
		2 492
		(7 663)

**High School Latin Conference**

1. Henry H. Parker, Instructor (June 22 to June 27).....	100	\$ 278
2. Byron Bekiares, Visiting Lecturer (June 22 to June 27).... (Department of Classics, University of Minnesota, Min- neapolis, Minnesota 55408)	100	380
3. .125 FTE Assistant.....		167
		(825)
		(8 488)

**Computer Science**

1. Sylvian R. Ray, Associate Professor.....	100	\$ 3 067
2. Joel Davis, Visiting Assistant Professor.....	100	2 889
3. ———, Assistant Professor.....	33	897
4. 4.00 FTE Assistants.....		5 120
		(11 973)

**Dance**

1. Janis L. Simonds, Associate Professor.....	100	\$ 2 734
2. Beverly Blossom, Associate Professor.....	50	1 223
3. Stella Applebaum, Instructor.....	50	1 250
4. Lynne Blom, Instructor.....	50	1 000
		(6 207)

**Economics**

1. Marvin Frankel, Professor.....	25	\$ 1 289
2. Hans Brems, Professor.....	67	3 852
3. Robert W. Harbeson, Professor.....	100	4 389
4. Donald L. Kenmerer, Professor.....	67	2 919

	<i>Per Cent Time</i>	<i>Summer Salary</i>
5. John B. Parrish, Professor.....	100	4 223
6. Paul J. Wells, Professor.....	100	3 823
7. ———, Associate Professor.....	67	2 253
8. Stanley W. Steinkamp, Associate Professor.....	67	1 978
9. Janet Louise Weston, Associate Professor.....	100	2 389
10. Richard Arnould, Assistant Professor.....	67	1 926
11. Rene I. Vandendries, Assistant Professor.....	100	2 956
12. 2.00 FTE Assistants.....		2 668
		(34 665)

#### Educational Administration and Supervision

1. Perry E. Miller, Professor.....	100	\$ 4 678
2. M. R. Sumption, Professor.....	100	3 689
3. Thomas J. Sergiovanni, Associate Professor.....	100	2 667
4. Robert A. Burnham, Assistant Professor.....	100	3 112
5. Fred D. Carver, Assistant Professor.....	100	2 712
6. Leslie D. Weston, Assistant Professor.....	100	3 578
7. ———, Visiting Lecturer.....	50	2 500
8. ———, Visiting Lecturer.....	50	2 500
9. .50 FTE Assistant.....		700
		(26 136)

#### Educational Psychology

1. R. Stewart Jones, Professor.....	50	\$ 2 106
2. G. M. Blair, Professor.....	100	3 412
3. Norman E. Gronlund, Professor.....	100	3 412
4. Clyde G. Knapp, Professor of Secondary Education.....	50	1 650
(See Secondary Education).....	(50)	(1 650)
(Total salary).....		(3 300)
5. T. Ernest Newland, Professor.....	100	3 423
6. Cecil H. Patterson, Professor.....	100	4 300
7. Ray H. Simpson, Professor.....	100	4 089
8. Maurice Tatsuoka, Professor.....	100	3 400
9. Daniel J. Delaney, Associate Professor.....	100	2 856
10. Henry R. Kaczowski, Associate Professor.....	100	2 756
11. Martin L. Maehr, Associate Professor.....	100	3 123
12. Harold A. Moses, Associate Professor.....	100	2 489
13. W. L. Shoemaker, Associate Professor.....	100	2 989
14. Kenneth J. Travers, Associate Professor of Secondary Education.....	100	2 923
15. Joseph Zaccaria, Associate Professor.....	100	2 700
16. Robert E. Boyd, Assistant Professor.....	100	2 512
17. Russell A. Chadbourn, Assistant Professor.....	100	2 356
18. Stewart Cohen, Assistant Professor.....	100	2 323
19. Thomas J. Long, Assistant Professor.....	100	2 434
20. Michael J. Masucci, Assistant Professor.....	100	2 500
21. Douglas McGuire, Assistant Professor.....	100	2 556
22. Robert J. Menges, Assistant Professor.....	100	2 367
23. Charles K. West, Assistant Professor.....	100	2 623
24. James J. Pancrazio, Visiting Assistant Professor.....	100	2 756
(334 Education Building)		
25. Lewis R. Aiken, Jr., Visiting Lecturer.....	100	3 423
(Department of Psychology, Guilford College, Greensboro, North Carolina 27410)		
26. Donald Davis, Visiting Lecturer.....	100	4 000
(334 Education Building)		
27. Herbert Hallworth, Visiting Lecturer.....	100	5 000
(School of Education, University of Alberta, Calgary, Alberta, Canada)		
28. Barbara Morgan, Visiting Lecturer.....	100	2 700
(Department of Psychology, Clemson University, Clemson, South Carolina)		

	<i>Per Cent Time</i>	<i>Summer Salary</i>
29. James J. Rushton, Visiting Lecturer..... (Department of Education, University of Aston in Bir- mingham, Costa Green, Birmingham 4 England)	100	3 100
30. D. K. Wheeler, Visiting Lecturer..... (Faculty of Education, University of Western Australia, Nedlands, Western Australia)	100	3 500
31. ———, Visiting Lecturer.....	50	1 112
32. ———, Visiting Lecturer.....	100	3 000
33. ———, Visiting Lecturer.....	50	1 500
34. ———, Visiting Lecturer.....	100	3 645
35. ———, Visiting Lecturer.....	100	2 000
36. ———, Visiting Lecturer.....	100	3 000
37. 5.00 FTE Assistants.....		6 867
		(110 902)

**Electrical Engineering**

1. Willis L. Emery, Professor.....	100	\$ 4 734
2. G. H. Fett, Professor.....	100	4 667
3. ———, Professor.....	50	1 889
4. M. S. Helm, Professor.....	100	3 556
5. ———, Professor.....	50	2 367
6. Yuen Tze Lo, Professor.....	50	2 034
7. Millard S. McVay, Professor.....	50	1 889
8. R. Mitra, Professor.....	50	2 023
9. P. F. Schwarzlose, Professor.....	100	3 489
10. Harold D. Webb, Professor.....	100	3 689
11. Donald P. Akitt, Associate Professor.....	100	2 778
12. William G. Albright, Associate Professor.....	100	3 223
13. Paul R. Egbert, Associate Professor.....	50	1 589
14. Paul K. Hudson, Associate Professor.....	50	1 675
15. ———, Associate Professor.....	50	1 745
16. J. P. Neal, Associate Professor.....	50	1 612
17. Philip A. Bauman, Assistant Professor.....	100	2 334
18. Arnold W. Dipert, Assistant Professor.....	50	1 245
19. John P. Gordon, Assistant Professor.....	100	2 445
20. George E. Perrine, Instructor.....	50	767
21. William D. Petty, Instructor.....	50	756
22. Paul Schomer, Instructor.....	50	756
23. 2.00 FTE Assistants.....		2 844
		(54 106)

**Elementary Education**

1. Theodore Manolakes, Professor.....	50	\$ 2 162
2. Fred P. Barnes, Professor.....	100	4 012
3. Harold H. Lerch, Professor.....	100	3 534
4. John E. McGill, Professor.....	100	4 112
5. Walter J. Moore, Professor.....	100	3 756
6. William R. Powell, Professor.....	100	3 745
7. J. H. Shores, Professor.....	100	5 056
8. Bernard Spodek, Professor.....	100	3 823
9. Harold J. Marshall, Associate Professor.....	100	2 889
10. ———, Associate Professor of Science Education....	100	2 812
11. Dale E. Bennett, Assistant Professor.....	100	2 167
12. George W. Hardiman, Assistant Professor.....	100	3 000
13. ———, Assistant Professor.....	100	2 567
14. Clarence Phillips, Assistant Professor of Mathematics.....	50	1 256
(See Mathematics).....	(50)	(1 256)
(Total salary).....		(2 512)
15. Frederick A. Rodgers, Visiting Lecturer..... (School of Education, Washington Square, New York University, New York, New York 10003)	100	3 778
16. ———, Visiting Lecturer.....	100	2 600

	<i>Per Cent Time</i>	<i>Summer Salary</i>
17. —————, Visiting Lecturer.....	100	2 600
18. —————, Visiting Lecturer.....	100	1 500
19. —————, Visiting Lecturer.....	100	1 500
20. —————, Visiting Lecturer.....	50	1 300
21. 6.00 FTE Assistants.....		8 400
		(66 569)

**English**

1. Katharine O. Aston, Professor.....	50	\$ 1 623
2. —————, Professor.....	50	3 112
3. Jackson J. Campbell, Professor.....	50	2 212
4. Daniel Curley, Professor.....	100	3 667
5. Julius N. Hook, Professor.....	50	2 245
6. Francis W. Weeks, Professor.....	50	1 812
7. Edward J. Brandabur, Associate Professor.....	100	2 756
8. —————, Associate Professor.....	50	1 667
9. —————, Associate Professor.....	100	2 778
10. U. Milo Kaufmann, Associate Professor.....	100	2 778
11. Dale V. Kramer, Associate Professor.....	100	2 723
12. Laurence J. Lieberman, Associate Professor.....	100	3 600
13. Richard J. Loftus, Associate Professor.....	100	2 800
14. Stanton Millet, Associate Professor.....	50	2 000
15. Frank Moake, Associate Professor.....	50	1 512
16. Charles Sanders, Associate Professor.....	50	1 778
17. —————, Associate Professor.....	50	1 656
18. —————, Assistant Professor.....	50	1 167
19. Robert P. Fox, Assistant Professor.....	100	2 334
20. —————, Assistant Professor.....	50	1 167
21. John A. Hamilton, Assistant Professor.....	100	2 223
22. Jan Lawson Hinely, Assistant Professor.....	100	2 223
23. Donald J. Hogan, Assistant Professor.....	50	1 189
24. Douglas R. Hotch, Assistant Professor.....	100	2 178
25. —————, Assistant Professor.....	50	1 178
26. Mary A. Hussey, Assistant Professor.....	100	2 223
27. Anthony D. Kaufman, Assistant Professor.....	50	1 095
28. W. David Kay, Assistant Professor.....	100	2 189
29. Olgeris Puravs, Assistant Professor.....	50	1 106
30. James F. Stottlar, Assistant Professor.....	50	1 150
31. Susan Taylor, Assistant Professor.....	100	2 067
32. Arnold M. Tibbetts, Assistant Professor.....	100	2 412
33. Albert C. Tillman, Assistant Professor.....	50	1 106
34. Richard P. Wheeler, Assistant Professor.....	100	2 156
35. —————, Assistant Professor.....	100	2 200
36. Agnes Brandabur, Instructor.....	100	1 689
37. Maria Keen, Instructor.....	100	1 745
38. 6.50 FTE Assistants.....		9 004
		(84 520)

**Entomology**

1. William L. Downes, Visiting Lecturer.....	100	\$ 2 540
(Department of Natural Science, Michigan State University, East Lansing, Michigan)		
2. Richard B. Selander, Professor.....	50	1 878
3. 1.00 FTE Assistant.....		1 280
		(5 698)

**Finance**

1. Robert I. Mehr, Professor.....	100	\$ 5 423
2. James W. Leonard, Associate Professor.....	100	3 556
3. Karl L. Guntermann, Instructor.....	100	2 912
4. .75 Assistant.....		900
		(12 791)



	<i>Per Cent Time</i>	<i>Summer Salary</i>
<b>French</b>		
1. Bruce H. Mainous, Professor.....	50	\$ 2 012
2. Francois Jost, Professor.....	100	5 000
3. _____, Professor.....	50	2 778
4. Paul E. Barrette, Associate Professor.....	100	2 778
5. Stanley E. Gray, Associate Professor.....	100	3 556
6. Melvin K. Myers, Associate Professor.....	50	1 522
(See Language Laboratory).....	(50)	(1 523)
(Total salary).....		(3 045)
7. Ruth R. Rains, Assistant Professor.....	100	2 156
8. Gabriel M. Savignon, Assistant Professor.....	100	2 778
9. Stanley L. Shinall, Assistant Professor.....	100	2 778
10. Frank E. Baker, Instructor.....	50	778
11. Anna-Maria M. Sagi, Instructor.....	100	1 778
12. William H. Smart, Instructor.....	50	778
13. Hans Galinsky, Visiting Lecturer of Comparative Literature (Johannes Gutenberg Universitat, Jakob Nelder-Weg 18, 6500 Mainz, Germany).....	100	5 800
14. 4.83 FTE Assistants.....		5 800 (40 292)
<b>General Engineering</b>		
1. Robert P. Borri, Associate Professor.....	50	\$ 1 445
2. Thomas C. Hartley, Associate Professor.....	50	1 400
3. Grace Wilson, Associate Professor.....	50	1 334
4. Waldo D. Martin, Instructor.....	100	2 000
5. Michael H. Pleck, Instructor.....	100	2 489
		(8 668)
<b>Geography</b>		
1. Fred W. Foster, Professor.....	100	\$ 4 045
2. Howard G. Roepke, Professor.....	100	4 289
3. John A. Jakle, Assistant Professor.....	100	2 889
4. Nelson R. Nunnally, Assistant Professor.....	100	3 112
5. _____.....	100	2 445
6. 2.00 FTE Assistants.....		2 400 (19 180)
<b>Geology</b>		
1. Arthur F. Hagner, Professor.....	100	\$ 4 200
2. Ralph L. Langenheim, Professor.....	100	3 556
3. _____, Professor.....	100	4 226
4. Dennis S. Wood, Assistant Professor.....	100	2 556
5. Frank L. Koucky, Visiting Lecturer.....	100	3 100
(Department of Geology, University of Cincinnati, Cin- cinnati, Ohio 45221)		
6. R. W. Pierce, Visiting Lecturer.....	100	2 334
(Department of Geology, University of Florida, Gaines- ville, Florida 32601)		
7. 2.00 FTE Assistants.....		2 578 (22 550)
<b>Germanic Languages and Literatures</b>		
1. John R. Frey, Professor.....	100	\$ 4 178
2. James W. Marchand, Professor.....	100	5 556
3. _____, Associate Professor.....	100	2 978
4. Richard C. Figge, Assistant Professor.....	100	2 223
5. Pauline S. Schwalbe, Assistant Professor.....	100	2 267
6. Juw fon Wearinga, Assistant Professor.....	100	2 156
7. Gunther J. Holst, Instructor.....	100	2 056
8. 6.00 FTE Assistants.....		7 200 (28 614)
<b>Health and Safety Education</b>		
1. Howard S. Hoyman, Professor.....	100	\$ 5 178
2. A. E. Florio, Professor.....	100	4 289

	<i>Per Cent Time</i>	<i>Summer Salary</i>
3. Donald B. Stone, Associate Professor.....	100	3 334
4. George Niva, Assistant Professor.....	50	1 598
5. .50 FTE Assistant.....		600
		(14 999)

**History**

1. Clark C. Spence, Professor.....	50	\$ 2 156
2. James L. Bates, Professor.....	50	1 745
3. C. Ernest Dawn, Professor.....	100	3 778
4. Donald E. Queller, Professor.....	100	4 356
5. _____, Professor.....	100	5 289
6. Bennett D. Hill, Associate Professor.....	50	1 484
7. Frederic C. Jaher, Associate Professor.....	100	3 156
8. Thomas A. Krueger, Associate Professor.....	100	2 678
9. Richard E. Mitchell, Associate Professor.....	50	1 289
10. _____, Assistant Professor.....	50	1 167
11. 3.00 FTE Assistants.....		3 600
		(30 698)

**History and Philosophy of Education**

1. Harry S. Broudy, Professor of Philosophy of Education....	100	\$ 5 945
2. Clarence J. Karier, Professor.....	50	2 000
3. Walter V. Kaulfers, Professor of Secondary and Continuing Education .....	100	3 000
4. Foster McMurray, Professor.....	100	3 000
5. Lawrence E. Metcalf, Professor of Secondary and Continu- ing Education.....	50	2 167
(See Secondary and Continuing Education).....	(50)	(2 167)
(Total salary).....		(4 334)
6. B. Othanel Smith, Professor of Philosophy of Education...	100	5 845
7. W. O. Stanley, Professor of Philosophy of Education.....	100	4 023
8. Walter Feinberg, Assistant Professor of Philosophy of Education .....	100	2 778
9. Paul C. Violas, Assistant Professor of History of Education	100	2 300
10. Terrance W. Lindenberg, Instructor.....	100	1 734
11. M. Mobin Shorish, Visiting Lecturer.....	100	2 000
(363 Education Building)		
12. _____, Visiting Lecturer.....	100	4 100
13. _____, Visiting Lecturer.....	100	4 000
14. _____, Visiting Lecturer.....	100	3 000
15. _____, Visiting Lecturer.....	100	3 500
16. 2.00 FTE Assistants.....		2 800
		(52 192)

**Home Economics**

1. Queenie B. Mills, Professor.....	100	\$ 3 467
2. Helen K. Zwolanek, Associate Professor.....	50	1 289
3. Ellen I. Downey, Assistant Professor (June 22 to July 18)..	100	1 223
4. Joan F. Austin, Instructor.....	75	1 267
5. Katherine M. Banner, Instructor.....	50	834
		(8 080)

**Journalism**

1. John H. Schacht, Associate Professor.....	50	\$ 1 612
2. Glenn Hanson, Associate Professor.....	50	1 678
3. Richard L. Hildwein, Associate Professor.....	50	1 334
		(4 624)

**Landscape Architecture**

1. Albert J. Rutledge, Associate Professor.....	33	\$ 956
		(956)

**Language Laboratory**

1. Melvin K. Myers, Coordinator of Language Laboratory....	50	\$ 1 523
(See French).....	(50)	(1 522)
(Total salary) .....		(3 045)

	<i>Per Cent Time</i>	<i>Summer Salary</i>
2. 1.25 FTE Assistants.....		1 545 (3 068)
<b>Center for Latin-American Studies</b>		
1. _____	100	\$ 5 000 (5 000)
<b>First Term (June 8 to July 15) Law</b>		
1. Peter H. Hay, Professor.....	100	\$ 4 001
2. Peter B. Maggs, Professor.....	100	3 000
3. Prentice H. Marshall, Professor.....	100	4 500
4. Jeffrey O'Connell, Professor.....	100	4 167
5. _____, Professor.....	100	3 834
6. Herbert Semmel, Professor.....	100	3 334
7. Michael P. Dooley, Associate Professor.....	100	2 834
8. _____, Associate Professor.....	100	3 000 (28 670)
<b>Second Term (July 16 to August 22)</b>		
1. C. H. Bowman, Professor.....	100	3 667
2. Rubin G. Cohn, Professor.....	100	4 500
3. George T. Frampton, Professor.....	100	4 834
4. Charles W. Quick, Professor.....	100	4 500
5. _____, Visiting Professor.....	100	3 667
6. T. D. Morgan, Associate Professor.....	100	2 667
7. Lawrence W. Waggoner, Associate Professor.....	100	2 834 (26 669)
<b>Liberal Arts and Sciences Administration</b>		
1. _____, Assistant Professor.....	100	\$ 2 556
2. Edmund S. Cameron, Instructor.....	100	2 045
3. Robert S. Revak, Instructor.....	100	1 876
4. .50 FTE Assistant.....		600 (7 077)
<b>Graduate School of Library Science</b>		
1. Frances Jenkins, Professor.....	50	\$ 2 023
2. Winifred Ladley, Professor.....	100	3 245
3. Alice Lohrer, Professor.....	100	3 156
4. Donald W. Krummel, Associate Professor.....	100	3 112
5. F. Wilfred Lancaster, Associate Professor.....	100	4 000
6. Cora E. Thomassen, Associate Professor.....	100	2 800
7. Kathryn L. Henderson, Assistant Professor (June 22 to July 18).....	100	1 200
8. Linda D. Crowe, Instructor.....	100	1 800
9. Robert E. Chapdu, Instructor in English.....	50	912
10. Carol Penka, Instructor.....	50	727
11. Winifred Linderman, Visiting Lecturer.....	100	2 778
(325 Library, University of Illinois, Urbana, Illinois 61801)		
12. Father Redmond A. Burke, Visiting Lecturer.....	100	2 200
(Acting Director, Catholic University of America Press, 620 Michigan Ave. N. E., Washington, D.C. 20017)		
13. Fred J. Heinritz, Visiting Lecturer.....	100	3 200
(325 Mansfield Street, New Haven, Connecticut 06511)		
14. Seymour Lubetzky, Visiting Lecturer (July 20 to August 15).....	100	2 800
(Graduate School of Library Service, University of California, Los Angeles, California 90024)		
15. Rosalind Miller, Visiting Lecturer.....	100	2 400
(8100 Marilyn Court, Berkeley, Missouri 63134)		
16. Neil A. Radford, Visiting Lecturer.....	100	2 000
(International House, 1414 East Fifty-ninth Street, Chicago, Illinois 60637)		

	<i>Per Cent Time</i>	<i>Summer Salary</i>
17. Emily M. Schossberger, Visiting Lecturer (July 20 to August 15)..... (Director, University of Notre Dame Press, South Bend, Indiana 46556)	100	1 400
18. Robert R. Walsh, Visiting Lecturer (June 22 to July 18).... (8 Marlborough Street, Apartment 2, Boston, Massachusetts 02116)	100	1 300
19. _____	100	2 600
20. _____	100	2 600
21. _____	100	2 600
22. 7.75 FTE Assistants.....		9 300 (58 153)

**School of Life Sciences**

1. George H. Kieffer, Assistant Professor.....	100	\$ 2 823
2. 1.00 FTE Assistant.....		1 245 (4 068)

**Linguistics**

1. _____, Associate Professor.....	50	\$ 1 689
2. Henry R. Kahane, Professor..... (See Spanish, Italian, and Portuguese)..... (Total salary).....	50 (50)	2 500 (2 500) (5 000)
3. _____, Associate Professor.....	50	1 556
4. Charles W. Kisseberth, Assistant Professor.....	50	1 278
5. Hans H. Hock, Instructor.....	50	1 123
6. D. Gary Miller, Visiting Assistant Professor..... (See Classics)..... (Total salary)..... (309a Davenport Hall)	50 (25)	1 289 (645) (1 934)
7. Herbert H. Stahlke, Visiting Instructor..... (309r Davenport Hall)	50	1 123
8. _____, Visiting Lecturer.....	50	1 222 (11 780)

**Mathematics**

1. _____, Professor.....	100	\$ 4 534
2. R. G. Langebartel, Professor.....	100	3 734
3. _____, Professor.....	100	6 200
4. Edward J. Scott, Professor.....	100	3 467
5. James W. Armstrong, Associate Professor.....	100	2 689
6. Hiram Paley, Associate Professor.....	100	2 934
7. J. William Peters, Associate Professor.....	100	3 334
8. M. Rajagopalan, Associate Professor.....	100	3 000
9. _____, Associate Professor.....	100	2 934
10. John E. Wetzel, Associate Professor.....	100	2 623
11. Satish K. Aggarwal, Assistant Professor.....	100	2 267
12. H. E. Benzinger, Jr., Assistant Professor.....	100	2 223
13. Ralph J. Faudree, Jr., Assistant Professor.....	100	2 423
14. _____, Assistant Professor.....	100	2 356
15. Joseph B. Miles, Assistant Professor.....	100	2 267
16. Clarence Phillips, Assistant Professor..... (See Elementary Education)..... (Total salary).....	50 (50)	1 256 (1 256) (2 512)
17. Irma Reiner, Assistant Professor.....	100	2 534
18. _____, Assistant Professor.....	100	2 356
19. Istvan Beck, Visiting Lecturer..... (318 Coble Hall)	100	2 200
20. Joseph B. Dennin, Visiting Lecturer..... (247 Illini Hall)	100	2 227
21. Louis V. DiBello, Visiting Lecturer..... (313 Coble Hall)	100	2 200

	<i>Per Cent Time</i>	<i>Summer Salary</i>
22. Edward D. Shirley, Visiting Lecturer..... (318 Coble Hall)	100	2 200
23. William B. Stewart, Visiting Lecturer..... (313 Coble Hall)	100	2 200
24. John W. Taylor, Visiting Lecturer..... (203 Coble Hall)	100	2 200
25. Kasturi Viswanath, Visiting Lecturer..... (236 Illini Hall)	100	2 000
26. _____, Visiting Lecturer.....	100	3 000
27. _____, Visiting Lecturer.....	100	3 200
28. _____, Visiting Lecturer.....	100	2 400
29. _____, Visiting Lecturer.....	100	2 000
30. 24.00 FTE Assistants.....		28 800

(107 758)

**Mechanical and Industrial Engineering**

1. Eugene F. Hebrank, Professor.....	50	\$ 1 967
2. William L. Hull, Professor.....	50	2 089
3. John C. Miles, Professor.....	75	2 417
4. K. J. Trigger, Professor.....	42	2 260
5. Ross P. Strout, Associate Professor.....	75	2 084
6. John L. Whisenand, Associate Professor.....	75	1 817
7. Thomas W. Petrie, Assistant Professor.....	75	1 917
8. James J. Stukel, Assistant Professor.....	75	2 100
9. Morse B. Singer, Instructor.....	50	1 245
10. 1.00 FTE Assistant.....		1 217

(19 113)

**Microbiology**

1. 2.00 FTE Assistants.....		\$ 2 500
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(2 500)

**Music**

1. James Louis Bailey, Professor.....	100	\$ 3 023
2. Bjornar Bergethon, Professor.....	100	3 689
3. Harold A. Decker, Professor.....	100	4 134
4. Charles O. DeLaney, Professor.....	50	1 612
5. Peter S. Farrell, Professor.....	50	1 589
6. Bruce R. Foote, Professor.....	100	4 667
7. L. Thomas Fredrickson, Professor.....	100	3 378
8. John C. Garvey, Professor.....	75	2 517
9. Scott Goldthwaite, Professor.....	33	1 393
10. Robert E. Gray, Professor.....	75	2 334
11. Jerald Hamilton, Professor.....	100	3 478
12. Ben B. Johnston, Jr., Professor.....	67	2 371
13. Everett D. Kisinger, Professor.....	100	3 684
14. Edward J. Krolick, Professor.....	33	941
15. Charles Leonhard, Professor.....	100	4 689
16. Edwin W. London, Professor.....	75	2 334
17. A. J. McDowell, Professor.....	100	3 434
18. Bruno Netti, Professor.....	100	3 489
19. Paul S. Pettinga, Professor.....	25	989
20. Paul Rolland, Professor.....	50	1 973
21. Dean W. Sanders, Professor.....	100	3 045
22. Haskell O. Sexton, Professor.....	100	3 689
23. Robert E. Thomas, Professor.....	100	3 600
24. Grace E. Wilson, Professor.....	100	3 256
25. Ludwig Zirner, Professor.....	100	4 067
26. Andrew Morris Carter, Associate Professor.....	25	838
27. Willis R. Coggins, Associate Professor.....	50	1 300
28. Richard J. Colwell, Associate Professor.....	50	1 928
29. Blaine E. Edlefsen, Associate Professor.....	50	1 278
30. Thomas L. Holden, Associate Professor.....	50	1 178

	<i>Per Cent Time</i>	<i>Summer Salary</i>
31. James B. Lyke, Associate Professor.....	75	1 867
32. Royal B. MacDonald, Associate Professor.....	50	1 256
33. Robert B. Smith, Associate Professor..... (See Child Development)	50	1 384
34. _____, Assistant Professor.....	100	2 400
35. Eric L. Dalheim, Assistant Professor.....	100	2 145
36. William H. Heiles, Assistant Professor.....	100	2 334
37. Daniel L. Kohut, Assistant Professor.....	50	1 360
38. Thomas V. Siwe, Assistant Professor.....	50	1 112
39. Thomas H. Baker, Instructor.....	100	1 778
40. Gail Janet Berenson, Instructor.....	25	428
41. Alfred W. Blatter, Instructor.....	100	1 756
42. Virginia Farmer, Instructor.....	25	456
43. Dennis M. Holt, Instructor.....	33	700
44. Daniel T. Perantoni, Instructor.....	33	615
45. _____, Instructor.....	50	962
46. Tom R. Ward, Instructor.....	50	945
47. _____, Visiting Lecturer.....	100	1 556
48. Bernard Frum, Visiting Lecturer..... (Room 105, 1204 West Nevada Street)	50	1 278
49. Marilyn Zimmerman, Visiting Associate Professor..... (202 Music Annex)	50	1 445
50. Ronald J. Elliston, Visiting Lecturer..... (1010 South Oak Street, Champaign, Illinois 61820)	50	934
51. _____, Visiting Lecturer.....	33	600
52. _____, Visiting Lecturer.....	100	4 500
53. _____, Visiting Lecturer.....	100	3 500
54. _____, Visiting Lecturer.....	100	3 000
55. _____, Visiting Lecturer.....	100	3 200
56. _____, _____.....	60	3 000
57. 4.00 FTE Assistants.....		4 800
		(129 208)

**Nuclear Engineering**

1. _____, Professor.....	100	\$ 5 423
2. _____, Professor.....	50	2 134
3. _____, Professor.....	50	1 889
4. George H. Miley, Professor.....	50	1 900
5. Bernard Wehring, Assistant Professor.....	27	690
6. .50 FTE Assistant.....	50	666
		(12 702)

**Philosophy**

1. Harry M. Tiebout, Jr., Professor.....	100	\$ 3 223
2. Hugh S. Chandler, Associate Professor.....	100	2 800
3. Philip Cummins, Visiting Associate Professor..... (105 Gregory Hall)	100	3 556
4. Thomas J. Nickles, Assistant Professor.....	100	2 312
5. Richard L. Schacht, Assistant Professor.....	100	2 512
6. Robert G. Wengert, Instructor.....	100	2 334
7. 1.92 FTE Assistants.....		2 304
		(19 041)

**Physical Education for Men**

1. Rollin G. Wright, Professor.....	100	\$ 4 045
2. Alfred W. Hubbard, Professor.....	100	3 345
3. Benjamin H. Massey, Professor.....	100	4 556
4. R. E. Shelton, Professor.....	100	3 223
5. Jack E. Razor, Associate Professor.....	100	2 845
6. Marianna Trekell, Associate Professor.....	100	2 834
7. Richard A. Boileau, Assistant Professor.....	50	1 167
8. Robert L. Case, Assistant Professor.....	50	1 200
9. Dennis J. Fallon, Assistant Professor.....	65	1 560

	<i>Per Cent Time</i>	<i>Summer Salary</i>
10. Burleigh D. Franks, Assistant Professor.....	85	1 946
11. Thomas F. Krizan, Assistant Professor.....	25	650
12. Wayne E. Dannehl, Instructor.....	75	1 167
13. Thomas E. Flanigan, Instructor.....	100	2 223
14. Leonard O. Greninger, Instructor.....	50	767
15. Richard T. Trimble, Instructor.....	75	1 329
16. James Keating, Visiting Lecturer.....	100	4 144
(Department of Philosophy, DePaul University, 2323 North Seminary, Chicago, Illinois 60614)		

(37 001)

**Physical Education for Women**

1. Alyce T. Cheska, Professor.....	50	\$ 1 896
2. Marjorie A. Souder, Associate Professor.....	60	1 760
3. Marjorie M. Harris, Assistant Professor.....	60	1 400
4. Nell C. Jackson, Assistant Professor.....	60	1 647
5. Linda K. Bunker, Instructor.....	60	1 001
6. Karol Kahrs, Instructor.....	85	1 719
7. Nancy K. Parker, Instructor.....	60	1 234
8. Phyllis Razor, Instructor.....	50	1 142
9. 1.00 FTE Assistant.....		1 346

(13 145)

**Physics**

1. ———, Visiting Lecturer.....	100	\$ 3 500
2. ———, Visiting Lecturer.....	100	3 500
3. ———, Visiting Lecturer.....	100	3 500
4. ———, Visiting Lecturer.....	100	3 500
5. 2.00 FTE Assistants.....		2 668

(16 668)

**Physiology and Biophysics**

1. John D. Anderson, Professor.....	50	\$ 1 784
2. Stanley G. Stolpe, Associate Professor.....	100	3 089
3. Donald W. Badger, Assistant Professor.....	100	2 556
4. 4.00 FTE Assistants.....		5 160

(12 589)

**Political Science**

1. Victor A. Thompson, Professor.....	100	\$ 5 334
2. Milton Hobbs, Associate Professor.....	50	1 634
3. ———, Assistant Professor.....	100	2 412
4. A. Belden Fields, Assistant Professor.....	100	2 445
5. Karl F. Johnson, Assistant Professor.....	50	1 167
6. .50 FTE Assistant.....		600

(13 592)

**Psychology**

1. Frank Costin, Professor.....	100	\$ 3 323
2. William E. Kappauf, Professor.....	50	2 323
3. Emanuel Donchin, Associate Professor.....	100	3 189
4. ———, Associate Professor.....	50	1 406
5. Icek Ajzen, Assistant Professor.....	100	2 278
6. William T. Greenough, Assistant Professor.....	100	2 367
7. Steven F. Maier, Assistant Professor.....	50	1 189
8. Howard Marcum, Assistant Professor.....	100	2 278
9. ———, Assistant Professor.....	50	1 184
10. ———, Assistant Professor.....	50	1 223
11. Laraine Glidden, Instructor.....	50	856
12. William Love, Instructor.....	50	856
13. ———, Instructor.....	50	856
14. 1.50 FTE Assistants.....		1 800

(25 128)

	<i>Per Cent Time</i>	<i>Summer Salary</i>
<b>Radio and Television</b>		
1. Donald P. Mullally, Assistant Professor.....	50	\$ 1 278
2. Edward F. Douglass, Instructor.....	50	1 267 (2 545)
<b>Recreation and Park Administration</b>		
1. Allen V. Sapor, Professor.....	100	\$ 4 545
2. Howard E. Weaver, Associate Professor.....	100	2 934
3. _____, Assistant Professor.....	100	2 667
4. George A. Lowrey, Assistant Professor.....	100	3 334
5. _____	100	3 556
6. _____	50	1 334 (18 370)
<b>Secondary and Continuing Education</b>		
1. _____, Professor.....	50	\$ 1 562
2. Kenneth B. Henderson, Professor.....	100	4 423
3. Clyde G. Knapp, Professor.....	50	1 650
(See Educational Psychology).....	(50)	(1 650)
(Total salary).....		(3 300)
4. William F. Marquardt, Professor.....	100	3 123
5. Lawrence E. Metcalf, Professor.....	50	2 167
(See History and Philosophy of Education).....	(50)	(2 167)
(Total salary).....		(4 334)
6. Orrin E. Gould, Associate Professor.....	100	2 789
7. John E. Erickson, Assistant Professor.....	100	2 334
8. Bryant P. Fillion, Assistant Professor of English Education	50	1 112
9. _____, Assistant Professor.....	100	2 500
10. Charles M. Weller, Assistant Professor.....	100	2 623
11. _____	50	1 685
12. 1.50 FTE Assistants.....		1 924 (27 892)
<b>Slavic Languages and Literatures</b>		
1. Clayton L. Dawson, Professor.....	50	\$ 2 523
2. Temira Pachmuss, Professor.....	50	2 012
3. Kenneth Brostrom, Instructor.....	50	1 189
4. Henry K. Zalucky, Instructor.....	100	1 889
5. Maria Zalucky, Instructor.....	100	1 667
6. 3.00 FTE Assistants.....		3 600 (12 880)
<b>Sociology</b>		
1. Robert A. Jones, Assistant Professor.....	100	\$ 2 489
2. S. Clark McPhail, Jr., Assistant Professor.....	50	1 489
3. Anthony M. Orum, Assistant Professor.....	100	2 934
4. Kenneth E. Southwood, Assistant Professor.....	50	1 300 (8 212)
<b>Spanish, Italian, and Portuguese</b>		
1. Merlin H. Forster, Professor.....	50	\$ 1 723
2. W. H. Shoemaker, Professor.....	100	5 334
3. Henry R. Kahane, Professor.....	50	2 500
(See Linguistics).....	(50)	(2 500)
(Total salary).....		(5 000)
4. Marcos A. Morinigo, Professor.....	100	4 556
5. _____, Professor.....	100	4 512
6. A. Porqueras-Mayo, Professor.....	100	4 445
7. S. W. Baldwin, Jr., Associate Professor.....	100	2 956
8. _____, Assistant Professor.....	100	2 400
9. _____, Instructor.....	100	1 845
10. Luis A. Oyarzun, Instructor.....	100	1 512
11. 3.30 FTE Assistants.....		3 960 (35 743)



	<i>Per Cent Time</i>	<i>Summer Salary</i>
<b>Special Education</b>		
1. _____, Professor .....	50	\$ 2 028
2. Merle B. Karnes, Professor .....	100	4 212
3. James C. Chalfant, Associate Professor .....	100	3 667
4. Gary M. Clark, Assistant Professor .....	100	2 334
5. John A. Salvia, Assistant Professor .....	100	2 423
6. Edward W. Schultz, Assistant Professor .....	100	2 889
7. Ruby J. Phillips, Specialist in Education .....	100	2 278
		(19 831)
<b>Speech</b>		
1. Kenneth Burns, Professor .....	50	\$ 1 612
2. Henry L. Mueller, Professor .....	50	1 634
3. Roger E. Nebergall, Professor .....	50	2 223
4. Thomas O. Sloan, Associate Professor .....	50	1 500
5. Earl W. Stark, Associate Professor .....	100	2 956
6. Bernhard R. Works, Associate Professor .....	50	1 378
(See University Theatre) .....	(25)	(689)
(Total salary) .....		(2 067)
7. Jack D. Arnold, Assistant Professor .....	100	2 223
8. Raymond G. Daniloff, Assistant Professor .....	100	2 578
9. William DeMarco, Assistant Professor .....	100	2 467
10. Joan G. Erickson, Assistant Professor .....	50	1 023
11. Robert L. Ince, Assistant Professor .....	100	2 534
12. Joanna H. MacLay, Assistant Professor .....	50	1 178
13. Stafford H. Thomas, Assistant Professor .....	100	2 956
14. _____, Assistant Professor .....	100	2 334
15. _____, Instructor .....	50	978
16. _____, Instructor .....	50	778
		(30 352)
<b>Speech Clinic</b>		
1. Naomi W. Hunter, Associate Professor .....	100	\$ 2 578
2. Frances L. Johnson, Associate Professor .....	100	2 667
3. _____, Instructor .....	100	1 556
		(6 801)
<b>Student Teaching</b>		
1. 1.00 FTE Assistant .....		\$ 1 400
		(1 400)
<b>Theatre</b>		
1. Clara M. Behringer, Professor .....	50	\$ 1 556
(See University Theatre) .....	(50)	(1 556)
(Total salary) .....		(3 112)
2. Mary H. Arbenz, Associate Professor .....	50	1 384
(See University Theatre) .....	(50)	(1 384)
(Total salary) .....		(2 768)
3. Don A. Llewellyn, Jr., Assistant Professor .....	50	1 144
(See University Theatre) .....	(50)	(1 144)
(Total salary) .....		(2 288)
4. Roman E. Tymchyshyn, Assistant Professor .....	50	1 134
(See University Theatre) .....	(50)	(1 134)
(Total salary) .....		(2 268)
5. Robert Auletta, Instructor .....	50	889
6. Paul J. Brady, Instructor .....	50	1 078
(See University Theatre) .....	(25)	(539)
(Total salary) .....		(1 617)
7. _____, Visiting Lecturer .....	50	1 223
		(8 408)
<b>University Theatre</b>		
1. Clara M. Behringer, Professor .....	50	\$ 1 556
(See Theatre) .....	(50)	(1 556)
(Total salary) .....		(3 112)

	<i>Per Cent Time</i>	<i>Summer Salary</i>
2. Mary H. Arbenz, Associate Professor.....	50	1 384
(See Theatre).....	(50)	(1 384)
(Total salary).....		(2 768)
3. Bernhard R. Works, Associate Professor.....	25	689
(See Speech).....	(50)	(1 378)
(Total salary).....		(2 067)
4. John C. Ahart, Assistant Professor.....	50	1 262
5. Don A. Llewellyn, Jr., Assistant Professor.....	50	1 144
(See Theatre).....	(50)	(1 144)
(Total salary).....		(2 288)
6. Roman E. Tymchyshyn, Assistant Professor.....	50	1 134
(See Theatre).....	(50)	(1 134)
(Total salary).....		(2 268)
7. Paul J. Brady, Instructor.....	25	539
(See Theatre).....	(50)	(1 078)
(Total salary).....		(1 617)
8. 3.25 FTE Assistants.....		3 900
		(11 608)

**Theoretical and Applied Mechanics**

1. Cletus E. Bowman, Professor.....	83	\$ 3 149
2. George Costello, Professor.....	50	1 700
3. Paul Guy Jones, Professor.....	83	3 852
4. James O. Smith, Professor.....	67	3 438
5. Will J. Worley, Professor.....	50	1 889
6. Albert C. Bianchini, Associate Professor.....	67	1 808
7. Donald E. Carlson, Associate Professor.....	50	1 512
8. John W. Murdock, Associate Professor.....	83	2 241
9. Russell S. Jensen, Assistant Professor.....	50	1 278
		(20 867)

**Urban Planning**

1. William I. Goodman, Professor .....	67	\$ 3 290
		(3 290)

**Vocational and Technical Education**

1. Thomas S. Baldwin, Associate Professor.....	100	\$ 3 923
2. Robert A. Campbell, Associate Professor.....	100	2 945
3. Mary E. Mather, Associate Professor.....	100	2 812
4. Hazel T. Spitze, Associate Professor (June 22 to July 18)...	100	1 223
5. Jacob Stern, Associate Professor (June 22 to July 18).....	100	1 728
6. Robert A. Tinkham, Associate Professor.....	50	1 328
7. Robert M. Tomlinson, Associate Professor.....	50	1 734
8. Anna Mahaffey, Assistant Professor of Business Education..	100	2 689
9. _____, _____.....	50	1 800
10. _____, Visiting Lecturer (June 22 to July 18).....	100	2 000
11. _____, Visiting Lecturer (July 20 to August 15).....	100	2 000
12. _____, Visiting Lecturer (June 22 to July 18).....	100	2 000
13. _____, Visiting Lecturer (July 20 to August 15).....	100	2 000
14. _____, Visiting Lecturer (June 22 to July 18).....	100	2 000
15. _____ (July 20 to August 15).....	100	1 800
		(31 982)

**Zoology**

1. Francis J. Kruidenier, Professor.....	100	\$ 3 556
2. Hurst H. Shoemaker, Associate Professor.....	100	2 645
3. Edward H. Brown, Jr., Assistant Professor.....	100	2 800
4. David L. Stocum, Assistant Professor.....	100	2 556
5. _____, Assistant Professor.....	100	2 600
6. 2.50 FTE Assistants.....		3 000
		(17 157)

	<i>Per Cent Time</i>	<i>Summer Salary</i>
<b>Departmental Wages and Expense Budget</b>		
Child Development .....		\$ 400
Classics		
Wages, Expense, and Honoraria.....		805
Education		
Wages, Expense and Honoraria.....		3 100
Student Teaching (Expense).....		1 050
		(4 150)
Forestry Camp		
Wages.....		1 600
Expense .....		3 900
Operation and Maintenance (Camp Rabideau).....		2 800
		(8 300)
Geography		
Expense .....		500
Geology		
Expense .....		800
Graduate College		
Wages.....		1 800
Recreation and Park Administration		
Expense .....		4 060
Stipends for Supervisors.....		1 860
		(5 920)
<i>Total</i> .....		\$ 22 675

#### AWARD OF CERTIFIED PUBLIC ACCOUNTANT CERTIFICATES

(2) 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>
ROBERT JOHN BALL	Chicago	New York
ALBERT LOWELL BEERMAN	Highland Park	Texas
TOMMY WAYNE BURGESS	East Alton	Arkansas
JOHN BRINTON HILTY	Arlington Heights	Pennsylvania
JAMES ARTHUR SPEAR	Highland Park	Indiana
CARL EUGENE STURGEON	Glenview	Washington, D.C.

I concur.

On motion of Mr. Steger, these certificates were awarded.

#### APPOINTMENT TO BOARD OF EXAMINERS IN ACCOUNTANCY

(3) The Committee on Accountancy recommends the appointment of Norman O. Olson, partner in the firm of Arthur Andersen & Co., Chicago, to the Board of Examiners in Accountancy to replace Richard S. Claire, who died suddenly a few weeks ago. (Mr. Claire was appointed on October 15, 1969, for a two-year term.) The appointment of Mr. Olson has the endorsement of the members of the Board of Examiners and Mr. Olson is willing to serve if appointed.

I concur.

On motion of Mr. Jones, this appointment was approved.

#### MEDICAL DIRECTOR OF THE UNIVERSITY OF ILLINOIS HOSPITAL, MEDICAL CENTER

(4) The Chancellor at the Medical Center campus has recommended the appointment of Dr. Harold M. Engle, presently Chief Medical Director of the Veterans

Administration, Washington, D.C., as Medical Director of the University of Illinois Hospital, beginning February 1, 1970, on a twelve-month service basis, at an annual salary of \$37,000.

Dr. Engle will succeed Dr. Donald J. Caseley, who became Vice Chancellor for the Medical Center campus on March 1, 1969.

Dr. Engle will also serve as Vice Chancellor at the Medical Center campus and as Association Dean of The Abraham Lincoln School of Medicine within the reorganized College of Medicine. In his role as Vice Chancellor, Dr. Engle will be available for consultation to all colleges at the Medical Center campus concerning hospital and health agency affiliations, and for other duties as assigned by the Chancellor. As Associate Dean, he will serve as liaison officer for educational matters between the University of Illinois Hospital and The Abraham Lincoln School of Medicine.

The nomination of Dr. Engle is made with the advice of a search committee.<sup>1</sup> The Executive Vice President and Provost concurs.

I recommend approval.

On motion of Mr. Clement, this appointment was approved.

#### CHAIRMANSHIP OF THE DEPARTMENT OF HISTORY, URBANA

(5) The Dean of the College of Liberal Arts and Sciences has recommended to the Chancellor at Urbana-Champaign the appointment of Dr. Winton U. Solberg, presently Professor of History, as Professor of History on indefinite tenure and Chairman of the Department of History beginning September 1, 1970, on an academic year service basis, at an annual salary of \$20,600.

Professor Solberg will replace Professor Clark C. Spence who was reappointed as Chairman for two years beginning September 1, 1969. Professor Spence has asked to be relieved of this administrative appointment effective September 1, 1970.

The nomination is submitted after consultation with members of the Department and on recommendation of its Executive Committee. The nomination is supported by the Executive Committee of the College of Liberal Arts and Sciences and the Dean of the Graduate College. The Chancellor at Urbana-Champaign approves the recommendation, and the Executive Vice President and Provost concurs.

I recommend approval.

On motion of Mr. Steger, this appointment was approved.

#### CHAIRMANSHIP OF THE DEPARTMENT OF HISTORY AND PHILOSOPHY OF EDUCATION, URBANA

(6) The Dean of the College of Education has recommended to the Chancellor at Urbana-Champaign the appointment of Dr. Clarence J. Karier, presently Professor of History of Education, as Professor of History of Education and Chairman of the Department of History and Philosophy of Education beginning the second semester of the current academic year 1969-70, on an academic year service basis, at an annual salary of \$20,000.

Dr. Karier will succeed Dr. B. Othanel Smith who asked to be relieved of this administrative assignment at the end of the first semester of the current academic year.

The nomination is submitted after consultation with the Executive Committee of the Department. The nomination is supported by the Executive Committee of the College of Education and the Dean of the Graduate College. The Chancellor at Urbana-Champaign approves the recommendation. The Executive Vice President and Provost concurs.

I recommend approval.

On motion of Mr. Grimes, this appointment was approved.

<sup>1</sup> Lloyd M. Nyhus, Professor and Head of Surgery, *Chairman*; Albert H. Andrews, Professor of Bronchoesophagology and Head of the Department of Otolaryngology; Dr. Harry F. Dowling, Professor and Head of Medicine; Mary K. Mullane, Dean of the College of Nursing and Professor of Nursing; Alexander M. Schmidt, Executive Associate Dean of the College of Medicine; Ralph M. Wynn, Professor and Head of Obstetrics and Gynecology; Seymour H. Yale, Dean of the College of Dentistry.

**APPOINTMENTS TO THE FACULTY**

(7) 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; T— terminal appointment, accompanied with or preceded by notice of non-reappointment; W— one-year appointment subject to special written agreement; 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. IMOGENE STOKES YOUNG, Professor in the Jane Addams Graduate School of Social Work, for the winter and spring quarters 1969-70 (Q), at a salary of \$12,667.

**Medical Center**

2. JACK E. MAIDMAN, Assistant Professor of Obstetrics and Gynecology, College of Medicine, beginning September 1, 1970 (1Y), at an annual salary of \$23,000.
3. SAMUEL T. NERENBERG, Professor of Pathology, College of Medicine, beginning February 1, 1970 (AY), at an annual salary of \$30,000.
4. ROBERT E. POLCYN, Assistant Professor of Radiology and Assistant Radiologist, University of Illinois Hospital, on one-half time, beginning January 1, 1970 (DY50), at an annual salary of \$14,000.
5. DONALD W. RICE, Associate Professor of Prosthodontics, College of Dentistry, beginning December 1, 1969 (AY), at an annual salary of \$17,500.
6. ISADORE D. ROTKIN, Associate Professor of Preventive Medicine and Community Health, College of Medicine, beginning February 23, 1970 (AY), at an annual salary of \$23,000.
7. WADE H. SILVERMAN, Assistant Professor of Psychology, Department of Psychiatry, College of Medicine, beginning December 1, 1969 (1Y), at an annual salary of \$13,500.

**Urbana-Champaign**

8. JOHN P. AUGELLI, Director of Latin-American Studies Center and Professor of Geography, beginning February 1, 1970 (D,A), at an annual salary of \$25,400.
9. GEORGE S. BIRRELL, Assistant Professor of Civil Engineering, beginning December 1, 1969 (1), at an annual salary of \$13,000.
10. ELLING O. EIDE, Assistant Professor of Chinese Language and Literature, Center for Asian Studies, beginning March 1, 1970 (1), at an annual salary of \$11,000.
11. WILLIAM D. GENTEL, Assistant Professor, Police Training Institute, Division of University Extension, beginning February 1, 1970 (1Y), at an annual salary of \$14,200.
12. THOMAS D. MORGAN, Associate Professor of Law, for the second semester 1969-70 (D), at a salary of \$8,000.
13. WILLIAM W. ROBINSON, Staff and Emergency Duty Physician and Assistant Professor of Health Science, Health Service, beginning December 1, 1969 (1Y), at an annual salary of \$25,750.
14. RICHARD L. WENTWORTH, Associate Director and Editor with rank of Assistant Professor, University Press, beginning January 19, 1970 (DY, 1Y), at an annual salary of \$22,000.

**Visiting Staff**

15. TSUTOMU TAKAHASHI, Visiting Associate Professor in the Laboratory for Atmospheric Research, Graduate College, for the period from December 1, 1969, through March 31, 1970 (G), at a salary of \$5,200.

**Administrative Appointment**

16. BARRY MUNITZ, Staff Associate, Office of the President, beginning March 1, 1970 (DY), at an annual salary of \$21,000.

On motion of Mr. Jones, these appointments were confirmed.

**TRANSFER OF BUSINESS EDUCATION CURRICULUM, URBANA**

(8) The Urbana-Champaign Senate has approved the transfer of the Curriculum Preparatory to Teaching Commercial Subjects leading to the degree of Bachelor of Science in Commercial Teaching from the College of Commerce and Business Administration to the College of Education. Under the transfer proposal, the curriculum will be known as Business Education and the degree granted will be the Bachelor of Science in Business Education.

The general outline for this proposal was developed by an *Ad Hoc* Committee on Business Education which was appointed when the College of Commerce and Business Administration requested that it be allowed to discontinue the curriculum.

The transfer and the changes in the name of the curriculum and the degree title are made to complement other offerings of the Department of Vocational and Technical Education, College of Education; and to meet emerging needs in the public school curriculum. The business education programs in Illinois secondary schools, community colleges, and area vocational schools are being revised and expanded to fulfill newly defined purposes in vocational education.

The Chancellor at the Urbana-Champaign campus and the Executive Vice President and Provost concur in this recommendation. The University Senates Conference has indicated that no other Senate jurisdiction is involved.

Submitted herewith is an outline of the curriculum, a copy of which is being filed with the Secretary of the Board for record.

I recommend approval.

On motion of Mr. Jones, this recommendation was approved.

**CONTRACT WITH THE COLLEGE OF JEWISH STUDIES,  
CHICAGO CIRCLE**

(9) The Chicago Circle Senate has recommended approval of a contract with The College of Jewish Studies in Chicago, under which students at the Chicago Circle campus would be permitted to enroll in certain courses in the Hebrew language taught by The College of Jewish Studies and receive credit therefore from the University of Illinois.

The course content, curriculum, facilities, and professional staff of The College of Jewish Studies which would be used in fulfilling its obligations under this contractual arrangement have been thoroughly investigated and have been determined to meet University standards in all respects.

The University will pay The College of Jewish Studies the sum of five dollars per credit quarter hour (fifteen dollars per course) for students enrolled in such courses under this agreement. It is estimated that between sixty and one hundred students will be so enrolled each academic quarter. Funds are available in the budget of the College of Liberal Arts and Sciences.

Participation in the agreement will permit the University to expand its language program to offer Hebrew, without the expense of additional staff and facilities necessary to offer the same program on a wholly internal basis. The initial term of this agreement will cover the remainder of the 1969-70 academic year, but it can be renewed so long as the relationship remains satisfactory to all concerned.

The Chancellor at the Chicago Circle campus and the Executive Vice President and Provost concur in this recommendation. The University Senates Conference has indicated that no other Senate jurisdiction is involved.

I recommend approval.

On motion of Mr. Jones, this recommendation was approved by the following vote; Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Steger; no, none; absent, Governor Ogilvie, Mr. Page, Mr. Stone, Mr. Swain.

### INTERRUPTION OF REGULAR PROCEEDINGS

At this point in the agenda, a request was presented informally to the Secretary from a member of the audience, a Mr. Howard Ehrman who was present with a group of students from the Chicago Circle campus. Mr. Ehrman asked that the proceedings be interrupted to permit discussion related to the approval of funds for visiting speakers at Chicago Circle. The President of the Board ruled the request out of order in that it was not in accord with the Board procedures for hearing presentations. He read aloud excerpts from the statement of procedures but was interrupted repeatedly by Mr. Ehrman and by others among the audience. Mr. Hughes indicated that unless there was order he would ask the Security Officers to clear the room of those creating the disturbance. The group agreed to maintain order and the agenda proceeded as follows.

### PARTICIPATION IN UNITED STATES GUARANTEED LOAN PROGRAM

(10) The United States Department of Health, Education, and Welfare has recently approved educational institutions as participants in the United States Guaranteed Loan Program, under which a student may borrow from such an institution with the loan fully guaranteed by the federal government. In addition, in order to encourage lending under present high interest rates, the Congress has authorized a payment of 2 per cent interest over the life of the loan, in addition to the rate charged the borrower. This supplementary interest rate can be revised as to new loans in any month and will change with variations in the prime rate. The maximum interest rate that can be charged to students under this program is 7 per cent; however, the rates charged by the University to students will be in accordance with its established policies.

I recommend that the Vice President and Comptroller be authorized to apply to the Department of Health, Education, and Welfare for acceptance of the University as a lending agency under this program, and to use any loan funds that may be available to make loans under the program.

On motion of Mr. Jones, this recommendation was approved.

### APPROPRIATIONS FOR NONRECURRING EXPENDITURES

#### Urbana-Champaign

(11) After review by the Urbana-Champaign Committee on Nonrecurring Appropriations, the Chancellor recommends the following appropriations from the:

#### *Urbana-Champaign General Reserve*

Renovation and remodeling for which funds are assigned to the Department of Plant and Services:

Remodeling at University High School for the College of Education....	\$13 000
Remodeling at 26 East Springfield Avenue, Champaign, for the Department of Art.....	13 805
Remodeling in the Natural History Building for the Geology Library...	16 165
Remodeling in the Veterinary Medicine Building for the Department of Veterinary Physiology and Pharmacology.....	12 805
Upgrading the security system at the Krannert Art Museum.....	20 145
<i>Total, Urbana-Champaign General Reserve.....</i>	<i>\$75 920</i>

#### *Urbana-Champaign Contract Research Reserve-General*

College of Agriculture:

Department of Animal Science, sheep research facility for the Dixon Springs Agricultural Center.....	\$23 000
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Renovation and remodeling for which funds are assigned to the Department of Plant and Services:

Air conditioners for 1005 West Nevada Street, Urbana, for the Department of Special Education.....	13 870
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Remodeling the Coordinated Science Laboratory basement for a photo-fabrication facility for the College of Engineering.....	22 215
<i>Total, Urbana-Champaign Contract Research Reserve-General.....</i>	<i>\$59 085</i>

#### Medical Center

The Chancellor, on behalf of the Medical Center Committee on Nonrecurring Appropriations, recommends the following appropriations from the:

#### *Medical Center General Reserve*

Renovation and remodeling for which funds are assigned to the Physical Plant Department:

Air conditioning the computer space in the Medical Sciences Addition for the Research Resources Laboratory.....	\$14 200
Extension of air-conditioning system from the Medical Sciences Addition to the Illinois Surgical Institute Building.....	25 000
<i>Total, Medical Center General Reserve.....</i>	<i>\$39 200</i>

The Executive Vice President and Provost and the Vice President and Comptroller concur.

I recommend approval of these appropriations.

On motion of Mr. Hahn, these appropriations were made by the following vote; Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Steger; no, none; absent, Governor Ogilvie, Mr. Page, Mr. Stone, Mr. Swain.

#### CONTRACTS FOR REMODELING IN NATURAL HISTORY BUILDING, URBANA CAMPUS

(12) The President of the University, with the concurrence of appropriate administrative officers, recommends award of the following cost-plus contracts based on percentages bid for contractors' fees for remodeling Room 158 in the Natural History Building, Urbana, for the Department of Geology, the award in each case being to the low bidder.

	<i>Per Cent for Material</i>	<i>Per Cent for Labor</i>	<i>Per Cent for Sub- contracts</i>	<i>Estimated Fee Pay- ments and Equipment Costs</i>	<i>Total Estimated Payments</i>
General — Skoog Construction Company, Champaign.....	5	29	1	\$ 547 00	\$2 547 00
Electrical — Remco Electrical Corporation, Champaign.....	6.8	25	0	447 00	3 677 00
Plumbing — Reliable Plumbing & Heating Company, Champaign...	20	45	5	1 040 00	4 340 00
Heating, Piping, Refriger- ation and Automatic Temperature Control Systems Work — Reli- able Plumbing & Heating Company, Champaign...	20	45	5	1 972 50	5 772 50
Ventilation and Distribu- tion Systems for Con- ditioned Air Work — Reliable Plumbing & Heating Company, Champaign.....	20	50	5	1 290 00	4 690 00

Since Reliable Plumbing & Heating Company, Champaign, is the low bidder for plumbing work and for heating, piping, refrigeration and automatic temperature control systems work, with identical fee percentages, it is recommended that these two awards be combined in a single contract instead of separate contracts.



Funds for this work are available in an appropriation made by the Board of Trustees on November 13, 1969.

Submitted herewith is a schedule of bids received, a copy of which is being filed with the Secretary of the Board for record.

On motion of Mr. Clement, these contracts were awarded by the following vote; Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Steger; no, none; absent, Governor Ogilvie, Mr. Page, Mr. Stone, Mr. Swain.

#### **CONTRACT FOR REPAIRS TO ABBOTT POWER PLANT CHIMNEYS, URBANA**

(13) The President of the University, with the concurrence of appropriate administrative officers, recommends award of a contract in the amount of \$19,860 to the Custodis Construction Co., Chicago, for repairing the chimneys at the Abbott Power Plant, Urbana, the award being on the low alternate bid.

Funds are available in the current operating budget of the Department of Plant and Services, Urbana.

On motion of Mr. Hahn, this contract was awarded by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Steger; no, none; absent, Governor Ogilvie, Mr. Page, Mr. Mr. Stone, Mr. Swain.

#### **CONTRACTS FOR AIR CONDITIONING IN DENTISTRY-MEDICINE- PHARMACY BUILDING, MEDICAL CENTER**

(14) The President of the University, with the concurrence of appropriate administrative officers, recommends the award of the following contracts for air conditioning areas in the Dentistry-Medicine-Pharmacy Building at the Medical Center, for the Departments of Biochemistry, Pathology, and Anatomy, and the Library, the award for heating, refrigeration, and temperature control work being on the low base bid less deductive alternate No. 1, and the awards for the other divisions of work being to the low base bidders.

Heating, Refrigeration, and Temperature Control—Davron

Engineering Company, Inc., Melrose Park

Base Bid.....	\$51 633
Less Deductible Alternate No. 1.....	13 495

\$38 138

Plumbing—Peter H. Smith Company, Chicago.....	1 820
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Electrical—Hyre Electric Company, Chicago.....	8 800
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Ventilation—Moto Heating, Ventilating, Air Conditioning Corporation, Chicago.....	2 875
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\$51 633

One bid was received for General Work from Mutual Contracting Company, Chicago, in the amount of \$19,400. This bid exceeds the estimated value of the general work by \$15,400. Accordingly, it is recommended that the bid for the general work be rejected with the understanding that the general work will be done by University forces at an estimated cost of \$4,000.

Of a total of twelve bidders on the project, only the three bidders for the ventilation work submitted information to prequalify prior to the date specified in the bid documents as is now required by the Illinois Purchasing Act as amended by the Seventy-sixth General Assembly. The remaining nine bidders, however, furnished the information required to prequalify prior to the opening of bids. It is recommended that the failure to prequalify by the date specified be waived in this instance since this is a new procedure and not yet fully understood by the bidders.

Funds for this work are available in appropriations made by the Board on July 23, 1969.

Submitted herewith is 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.

Hughes, Mr. Jones, Mr. Steger; no, none; absent, Governor Ogilvie, Mr. Page, Mr. Stone, Mr. Swain.

**INCREASE IN CONTRACT FOR AIR CONDITIONING IN  
ILLINOIS STREET RESIDENCE HALLS, URBANA**

(15) The President of the University, with the concurrence of appropriate administrative officers, recommends an increase in the amount of \$40,801.50 in the contract with Cool-Rite Mechanical Contractors, Inc., Urbana, for air conditioning student rooms and auxiliary lounges in the Illinois Street Residence Halls on the Urbana-Champaign campus.

Funds are available in the project budget.

On motion of Mr. Hahn, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Steger; no, none; absent, Governor Ogilvie, Mr. Page, Mr. Stone, Mr. Swain.

**REQUEST TO ILLINOIS BUILDING AUTHORITY TO INCREASE  
CONTRACT FOR CONSTRUCTION OF PSYCHOLOGY  
BUILDING, URBANA**

(16) The President of the University, with the concurrence of appropriate administrative officers, recommends that the Illinois Building Authority be requested to increase the contract with Kuhne-Simmons Co., Inc., Champaign, in the amount of \$17,031 for the installation of equipment and related pipe work to increase the chilled water pumping capacity required for the air conditioning of the Psychology Building at the Urbana-Champaign campus.

Funds are available in the project budget for this work.

On motion of Mr. Clement, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Steger; no, none; absent, Governor Ogilvie, Mr. Page, Mr. Stone, Mr. Swain.

**ASSIGNMENT OF ARCHITECTURAL AND ENGINEERING  
CONTRACTS TO THE ILLINOIS BUILDING AUTHORITY,  
CHICAGO CIRCLE AND URBANA**

(17) The Seventy-sixth General Assembly declared certain buildings and projects for the University of Illinois at the Chicago Circle and Urbana-Champaign campuses to be in the public interest and thereby authorized the construction and funding of these projects by the Illinois Building Authority. On September 17, 1969, the Board of Trustees requested the Illinois Building Authority to undertake these projects.

The President of the University, with the concurrence of appropriate administrative officers, recommends that authorization be given for the assignment of the following architectural and engineering contracts to the Illinois Building Authority for projects which the Authority has been requested to finance in Fiscal Year 1970:

**Chicago Circle Campus**

1. Classroom-Office Building..... Harry Weese & Associates, Ltd., Chicago
2. Student Services Building..... Harry Weese & Associates, Ltd., Chicago
3. Library Addition..... Skidmore, Owings & Merrill, Chicago
4. Science and Engineering South  
(Engineering)..... Skidmore, Owings & Merrill, Chicago
5. Science and Engineering South  
(Classrooms)..... Skidmore, Owings & Merrill, Chicago

**Urbana-Champaign Campus**

1. Veterinary Medicine Hospital  
Large Animal Clinic..... The Perkins & Will Partnership, Chicago
2. Power Plant Additions and  
Improvements..... Sargent & Lundy, Chicago

On motion of Mr. Clement, authority was given as recommended by the following vote; Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Steger; no, none; absent, Governor Ogilvie, Mr. Page, Mr. Stone, Mr. Swain.

**EASEMENTS TO URBANA & CHAMPAIGN SANITARY DISTRICT OVER UNIVERSITY OF ILLINOIS FOUNDATION LAND, URBANA**

(18) The President of the University, with the concurrence of appropriate administrative officers, recommends that the University of Illinois Foundation be requested to grant to the Urbana & Champaign Sanitary District a permanent fifteen-foot wide easement and a temporary thirty-foot wide easement on the Foundation-owned land immediately north of the A. T. & T. road between the Illinois Central Railroad right-of-way and South First Street Road in Champaign County, a distance of approximately 2,750 feet, for construction of a sanitary sewer.

On motion of Mr. Hahn, this recommendation was approved by the following vote; Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Steger; no, none; absent, Governor Ogilvie, Mr. Page, Mr. Stone, Mr. Swain.

**PUBLICATION CONTRACT AND ASSIGNMENT OF COPYRIGHT**

(19) During the summer of 1969, as part of his assigned duties, Professor Arnold M. Tibbetts prepared a rhetoric "package" which included a syllabus, teacher's manual, and rhetoric reader. This material will be utilized in the development of a unified rhetoric program.

Scott, Foresman and Company, Educational Publishers, are interested in publishing this work under the tentative title "Readings and Pre-Writing." Since Professor Tibbetts was commissioned by the University to prepare these materials, the University is a necessary party to any contract relinquishing rights to a publisher.

The Scott, Foresman and Company proposal has been reviewed by various administrators and it is recommended that the University and the author, Professor Tibbetts, be authorized to enter into a contract with that Company for the publication of the work. It is proposed that royalties resulting from the contract be distributed in accordance with the policy adopted in the Board of Trustees meeting of May 21, 1969, for division of royalties. Consistent with that policy, the contract will provide that royalties up to a total of \$5,000 may be paid to Professor Tibbetts, with any amount in excess of \$5,000 to be divided 50 per cent to the University and 50 per cent to Professor Tibbetts.

The Chancellor at the Urbana-Champaign campus, the Executive Vice President and Provost, the Vice President and Comptroller, and the University Counsel recommend approval of this proposal.

I concur.

On motion of Mr. Jones, this recommendation was approved.

**CONTRACT FOR A FEASIBILITY STUDY IN FACSIMILE PRINTING, URBANA**

(20) On December 17, 1969, a proposal was presented to the Board of Trustees for a contract with the Stewart Warner Corporation for a feasibility study in facsimile printing. Among the terms of the proposed contract, the following was presented:

Sponsor shall have an option for the following license under any and all patentable inventions and developments arising out of contract.

1. The option shall be for an exclusive license and shall be exercisable by the sponsor with respect to each invention within 90 (ninety) days after the issuance of the patent; . . .

In approving the proposal, the last sentence was amended to read: ". . . within 90 (ninety) days after the filing of the patent application." (Changes underscored.)

The Stewart Warner Corporation has indicated that it will not accept this change.

After consultation with appropriate University officials, I recommend approval of the contract on the terms originally presented to the Board, as stated above.

On motion of Mr. Clement, this recommendation was approved.

#### LITIGATION CONCERNING CHICAGO BUS SALES, INC.

(21) On August 17, 1965, the Executive Committee of the Board of Trustees approved the purchase of four buses from Chicago Bus Sales, Inc., for use by the Rehabilitation-Education Center at Urbana. On September 27, 1966, the University canceled the contract for failure of the vendor to meet contract specifications and the delivery schedules, as extended.

The University readvertised for bids and an emergency purchase of the four buses from E. M. Bailey & Sons was authorized by the President of the University on October 24, 1966. The purchase price of the buses on the second bidding was \$19,094.04 in excess of the original purchase price from Chicago Bus Sales, Inc. Certain other expenses have been incurred by the University as a result of the failure of Chicago Bus Sales to adequately perform in accordance with its contract and the University should be entitled to recover damages on account of breach.

The Vice President and Comptroller and the University Counsel recommend that authority be given to take action on behalf of the University to preserve and enforce all rights of the University resulting from the breach of contract by Chicago Bus Sales, Inc., including authority to institute and prosecute in the name of and on behalf of the University in such proceedings in a court of competent jurisdiction, and to employ such special legal counsel and others, as may be deemed necessary or desirable.

I concur.

On motion of Mr. Jones, this recommendation was approved.

#### PREQUALIFICATION OF BIDDERS

(22) The President of the University, with the concurrence of appropriate administrative officers, recommends that the following material be added as paragraph g of Section 7 of the *Regulations Governing Procurement and Bidding at the University of Illinois*, as adopted pursuant to the provisions of the Illinois Purchasing Act, to provide for prequalification of bidders on certain contracts:

"g. In case of contracts for the construction of buildings or for other construction work in or about buildings or grounds, where the entire estimated cost of such work exceeds \$25,000, prospective bidders must be prequalified to determine their responsibility. The bidding documents for such contracts will specify the information and documentation which the prospective bidder must supply the University prior to submission of his bid. Failure to prequalify may result in the bid being disregarded or returned unopened. The Vice President and Comptroller is authorized to determine all questions relating to prequalification."

The foregoing amendment is necessary in order to comply with the provision of House Bill 1636 of the Seventy-sixth General Assembly of the State of Illinois. If adopted, the amendment will be presented for approval and filing as required by the Illinois Purchasing Act.

On motion of Mr. Hahn, this recommendation was approved.

#### PURCHASES

(23) The President submitted, with his concurrence, a list of purchases recommended by the Directors of Purchases and the Vice President and Comptroller.

The list of purchases was presented in two categories: purchases from appropriated funds (i.e., from state appropriations to the University) and purchases from institutional funds. The latter term designates funds received by the University under contracts with the United States government, contracts with private corporations and other organizations, funds from foundation grants, and grants from corporations and other donors, and University revolving funds authorized by law.

The total amounts of these purchases were:

From Appropriated Funds.....	\$200 062 06
From Institutional Funds.....	321 074 50
<i>Total</i> .....	\$521 136 56

A complete list of the purchases, with supporting information, including the quotations received, was sent to each member of the Board in advance of the meeting, and a copy is being filed with the Secretary of the Board for record.

On motion of Mr. Clement, the purchases recommended were authorized.

#### COMPTROLLER'S REPORT OF PURCHASES APPROVED

(24) The Vice President and Comptroller also submitted a report of purchases approved by him on recommendation of the Directors of Purchases in amounts of \$5,000 to \$7,500. A copy of this report is filed with the Secretary.

This report was received for record.

#### COMPTROLLER'S MONTHLY REPORT OF CONTRACTS EXECUTED

(25) The Comptroller's monthly report of contracts executed was presented.

##### Chicago Circle

###### *New Contracts*

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
United States Air Force F33615-70-C-1020	Mechanical properties of fibers, bundles of fibers, and composites under transverse impact	\$ 24 993
<i>Total</i>		\$ 24 993

###### *Change Orders*

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
United States Atomic Energy Commission AT(11-1)1652	Genetic potential of certain populations of drosophila	\$ 28 520
<i>Total</i>		\$ 28 520

##### Medical Center

###### *New Contracts*

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
State of Illinois Department of Mental Health: 1540-203	Conduct an adult psychiatry clinic	\$ 86 000
1540-204	Conduct a child psychiatry clinic	50 000
<i>Total</i>		\$ 136 000

###### *Change Orders*

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>
Nu-Way Contracting Corporation	Air conditioning part of Dentistry-Medicine-Pharmacy Building	\$ 8 033
Simpson Construction Company	Computer space—Medical Sciences Addition	6 116
<i>Total</i>		\$ 14 149

##### Urbana-Champaign

###### *New Contracts*

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
State of Illinois Department of Labor: Bureau of Employment Security	Chicago "Ghetto" job information study	\$ 50 000
Cities and Villages Municipal Problems Commission	Analysis of problems concerning municipal budgeting, licensing of business, pricing and boundary adjustments	7 500
United States Air Force F33615-70-C-1165	An experimental study of rate-field display principles	15 200
United States Army DAAD 05-70-C-0111	Transient behavior of fuel droplets during combustion at elevated pressure	6 950

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>
United States Department of the Interior:		
Bureau of Reclamation 14-06-D-6843	Evaluate potential benefits of precipitation management on agriculture	38 665
Office of Water Resources Research 14-31-0001-3146	Statistical geometry of porous media	21 170
<i>Total</i>		<u>\$ 139 485</u>

*Change Orders*

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
Illinois State Library	Rural library development	\$ 50 000
Illinois State Library	Library research and reference services project	100 000
United States Air Force AF-30(602)-4144	Experimentation in parallel computation	5 120 000
United States Army DAHC 04-69-C-0022	Research in detection of pulsed radiation at 10.6 microns	10 000
United States Department of Health, Education, and Welfare OEC-3-7-070706-3118	Establish a national coordinator center for the National Laboratory on Early Childhood Education	450 187
United States Atomic Energy Commission: AT(11-1)-1195	Elementary particle interactions in the high energy region	110 000
AT(11-1)-1469	Computer systems research	656 200
<i>Total</i>		<u>\$6 496 387</u>

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>
Skoog Construction	Cost-plus contract—general work: University High School	\$ 8 752
<i>Total</i>		<u>\$ 8 752</u>

**Summary**

Amounts to be paid to the University:		
Chicago Circle.....	\$	53 513
Medical Center.....		136 000
Urbana-Champaign.....		6 635 872
<i>Total</i> .....	<u>\$6</u>	<u>825 385</u>
Amounts to be paid by the University:		
Medical Center.....	\$	14 149
Urbana-Champaign.....		8 752
<i>Total</i> .....	<u>\$</u>	<u>22 901</u>

This report was received for record.

**QUARTERLY REPORTS OF THE COMPTROLLER**

(26) The Comptroller presented his quarterly reports to the Board as of June 30, 1969, and September 30, 1969.

These reports were received for record, and copies have been filed with the Secretary of the Board.

**INVESTMENT REPORT**

For the Month of November, 1969

**Report of the Finance Committee**

(27) The Finance Committee reported the following changes in investments of endowment funds:

*Beckwith*

Purchase:

\$41 000 U.S. Treasury bills due 5/31/70..... \$ 39 309 88

*Pool*

Sales:

300 shares Caterpillar Tractor common stock..... 13 300 59  
816 shares CBS common stock..... 38 504 12

## Purchases:

\$34 000 Associates Investment Company demand notes.....	34 000 00
19 000 Commercial Credit Company demand notes.....	19 000 00

*Rust*

## Purchase:

\$38 000 U.S. Treasury bills due 5/31/70.....	36 433 55
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**Report of the Comptroller**

The Comptroller reported the following changes in investments of current and unexpended plant funds, which he has been authorized to make:

*Current Funds**Ford Foundation General Engineering*

## Purchase:

\$108 000 U.S. Treasury bills due 6/22/70.....	\$102 929 55
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*Ford Foundation International Programs*

## Purchase:

\$60 000 U.S. Treasury bills due 5/31/70.....	57 526 67
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*Restricted Group*

## Purchases:

\$ 500 000 Commercial Credit notes due 11/18/69.....	499 111 11
1 000 000 Commercial Credit notes due 12/3/69.....	994 888 99
500 000 Amoco Credit notes due 3/4/70.....	486 777 78
500 000 Atlantic Richfield notes due 3/4/70.....	486 777 78

*Sinking Funds**Men's Residence Halls of 1957*

## Purchase:

\$210 000 U.S. Treasury 2½ per cent bonds due 3/15/71.....	196 743 75
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*Student Services Building*

## Purchases:

\$30 000 U.S. Treasury bills due 9/30/70.....	28 116 00
15 000 U.S. Treasury 2½ per cent bonds due 3/15/71.....	14 062 50
37 000 U.S. Treasury 4 per cent bonds due 8/15/71.....	34 826 25

This report was received for record.

**HEADSHIP OF THE DEPARTMENT OF VETERINARY  
CLINICAL MEDICINE, URBANA**

(28) The Dean of the College of Veterinary Medicine has recommended to the Chancellor at Urbana-Champaign the appointment of Dr. Allan J. Cawley, presently Professor and Head, Small Animal Section, Ontario Veterinary College, Guelph, Canada, as Professor and Head of the Department of Veterinary Clinical Medicine beginning February 1, 1970, on a twelve-month service basis, at an annual salary of \$26,500.

Dr. Cawley will succeed Dr. Loyd F. Boley who has accepted the position of Associate Dean of Academic Affairs for the College of Veterinary Medicine.

The nomination of Dr. Cawley is made with the advice of a search committee<sup>1</sup> and after consultation with members of the faculty of the Department of Veterinary Clinical Medicine. The nomination is supported by the Executive Committee of the College and the Dean of the Graduate College. The Chancellor at Urbana-Champaign approves the recommendation. The Executive Vice President and Provost concurs.

I recommend approval.

<sup>1</sup> James E. Lovell, Professor of Veterinary Biological Structure and Head of the Department, *Chairman*; Harry J. Hardenbrook, Professor of Veterinary Clinical Medicine; Kenneth E. Harshbarger, Professor of Nutrition and Head of the Department of Dairy Science; Ray D. Hatch, Professor of Veterinary Clinical Medicine and of Veterinary Biological Structure; Roger P. Link, Professor of Veterinary Physiology and Pharmacology and Head of the Department, Professor of Veterinary Research; J. Ronald Pickard, Professor of Veterinary Extension and of Veterinary Pathology and Hygiene; and Alfred G. Schiller, Professor of Veterinary Clinical Medicine.

On motion of Mr. Grimes, this appointment was approved.

#### **DEGREE OF DOCTOR OF SOCIAL WORK, URBANA**

(29) The Urbana-Champaign Senate has approved the establishment of a new curriculum to be offered through the School of Social Work leading to the degree of Doctor of Social Work.

Providing an adequate supply of competent social-work manpower for health, education, and welfare services has been a major and continuing national problem for several decades. All available evidence suggests that projected needs in the country will escalate faster than current projections of the number of graduates from professional schools. It was this gross imbalance between demand and supply that led the 1967 Manpower Report of the President of the United States to identify social work as one of the professions with the most critical shortages in relation to present and future needs.

Social work in Illinois shares the critical national manpower shortage. A survey of conditions in April, 1969, revealed an estimated minimum of 700 budgeted vacant positions requiring a master's degree in social work of anyone who might be employed. This year the three schools of social work in the state will graduate little more than 400 Master of Social Work candidates. An advisory committee to the Illinois State Board of Higher Education has recommended that these schools should double enrollment by 1975 and triple it by 1980.

To expand enrollment in that order of magnitude depends on the availability of qualified faculty. The supply of faculty is short and directly related to the low volume of doctoral study in the field. The national council on Social Work Education, in 1966, estimated that in the decade 1966-75, at least 1,200 more personnel with doctorates would be needed. The Council estimated that to reach such a goal would require a 50 per cent increase in existing programs and the start of several new programs.

The proposed program includes four principal areas: study in two divisions of social work content (social welfare organization and policy and social work treatment theories); research methods; and courses in the student's area of specialization, including his dissertation. Of interdisciplinary nature, the program provides for identification of problems and issues in social work and application of theory and technique from basic social science fields. Although the program, as first developed, will be centered on the Urbana campus, Chicago Circle faculty members will be involved in teaching seminars and in directing the research of students.

The Chancellor at the Urbana-Champaign campus and the Executive Vice President and Provost concur in this recommendation. The University Senates Conference has indicated that no other Senate jurisdiction is involved.

I recommend approval subject to further action by the Illinois Board of Higher Education.

On motion of Mr. Hahn, this recommendation was approved.

#### **PROPOSED INCREASE IN BUILDING SPACE FOR BURRILL HALL ADDITION, URBANA**

(30) The Board of Trustees at its meeting on July 23, 1969, approved the inclusion of an addition to Burrill Hall in the University's *Budget Request for Capital Funds—Fiscal Year 1971*. The proposed structure was planned to have 26,142 gross square feet, and the cost was estimated at \$1,537,750 (exclusive of movable equipment). The purpose of the structure is the housing of a new School of Basic Medical Sciences, which would offer a first-year curriculum in medical education for thirty-two students and related research and graduate work in the basic medical sciences. The Board of Higher Education approved this proposal, together with certain other capital projects in the health fields, on November 4, 1969.

The Chancellor at the Urbana-Champaign campus, with the concurrence of the special planning committee for the medical-sciences program, has recommended changes in the program for this building which would increase its size to approximately 34,500 gross square feet, at an increase in cost of \$400,000 for the additional 8,358 gross square feet. This additional area would house a graduate-training and research program in reproductive biology, for the support of which the University has been invited to submit a proposal to a major foundation. In response to this invitation, a request for a grant totaling \$1,010,995 has been submitted, of which the sum of \$400,000 would be used to finance the construction of another



floor in Burrill Hall Addition as described above. This additional floor would bring the new structure up to the full height of Burrill Hall (with considerable improvement in exterior design).

In the event that the foundation grant does not materialize, the Chancellor recommends that the additional space be financed from reserve funds accumulated from research grants and contracts (in the amount of \$400,000). It seems highly desirable in any case to take advantage of the opportunity to add 8,358 gross square feet of space at a unit cost not only lower than that estimated for the new structure as originally planned (\$47.85 vs. \$58.82) but far lower than the cost of such laboratory space if added later anywhere on the campus. Furthermore, there is an acute shortage of land in this area for additional building space for the School of Life Sciences; hence it is especially desirable to add the extra floor to Burrill Hall Addition in the interest of better land utilization.

It is necessary to proceed with the architectural planning for this structure, without waiting for the foundation's decision on the grant, in order to meet the time schedule for the original project. It will be recalled that the new structure is scheduled for occupancy in September, 1971, by a new "School of Basic Medical Sciences" with an enrollment of thirty-two first-year medical students.

The Executive Vice President and Provost and the Vice President and Comptroller approve this recommendation.

I concur, subject to approval by the Board of Higher Education.

On motion of Mr. Hahn, this recommendation was approved.

#### **RESOLUTION TO PARTICIPATE UNDER THE PROVISIONS OF THE ILLINOIS POLICE TRAINING ACT (AS AMENDED)**

(31) The Chancellors at the three campuses of the University of Illinois have recommended adoption of the following resolution pertaining to the University's participation in the Illinois Police Training Act, as amended:

WHEREAS, The Board of Trustees of the University of Illinois, Urbana, Illinois is desirous of electing to participate in the benefits provided for in the Illinois Police Training Act, as enacted by the 74th General Assembly of the State of Illinois, and as amended by the 75 and 76th General Assemblies; and

WHEREAS, in order that a State-controlled university, college, or junior college be eligible for initial or continued participation in the program, the law requires that before an individual may commence regular employment as a policeman, or as a security officer, or as a campus policeman, he must have been certified by the Illinois Governmental Law Enforcement Officers Training Board as having successfully completed an approved training course; and

WHEREAS, The Board of Trustees of the University of Illinois prior to granting status to a newly employed policeman intends to provide such required basic training at one of the training facilities already certified by the Training Board, and

WHEREAS, The Board of Trustees of the University of Illinois is a State-controlled university, college, or junior college within the meaning of the Act:

*Now, Therefore, Be It Resolved*, that The Board of Trustees of the University of Illinois hereby elects to participate in the program provided for by the Illinois Police Training Act, as amended.

*Be It Further Resolved*, that before an individual may attain status as a security officer or campus policeman, he must have been certified by the Illinois Local Governmental Law Enforcement Officers Training Board as having successfully completed an approved training course as provided in said Act.

*Be It Further Resolved*, that such basic training must be completed by the trainee within his probationary period of six months, or within six months from the date of initial employment.

The Vice President of the University concurs in this recommendation.

I recommend approval.

On motion of Mr. Steger, this resolution was adopted as recommended.

#### **REPORT OF THE COMMITTEE ON GENERAL POLICY**

Mr. Clement, Chairman of the Committee on General Policy, presented the following report and moved its adoption:

For some time the Committee has been considering, and will continue to consider, the general charge before it: to study ways and means of improving communication between the Board of Trustees and the several constituencies of the University.

At its meeting of January 20, 1970, the Committee focussed its attention upon communication with students and, without prejudice to proposals that may be presented later, approved the following recommendation:

That the Board of Trustees establish an ad hoc committee of student observers, who would be invited to attend meetings of the Board of Trustees and its committees during the period February-June, 1970. It would be the purpose of the committee to become acquainted with the perspective and operation of the Board. In addition, the members would be expected to respond to inquiries the Trustees might direct to them as the Board considers the business before it. (The committee would be supplied, in advance of each meeting, with the preliminary list of agenda items regularly prepared by the Secretary.)

The committee would be selected as the students at each campus may determine after consultation with the Chancellors and would be drawn from the three campuses as follows: one graduate and two undergraduate students from each of the campuses at Urbana and Chicago Circle; two students from the Medical Center campus — for a total committee of eight students.

Upon completion of their period of orientation and review, the committee would be expected to make suggestions on the general subject of communication between students and the Board of Trustees and to submit a written report to the Committee on General Policy. In accord with regular procedures, the report would be submitted at each campus through the Chancellors, then through the President of the University to the Committee on General Policy. The Committee would expect to receive the report in time for consideration at its June, 1970, meeting.

Travel expenses incurred in attending meetings of the Trustees, or in attending meetings of the ad hoc committee, will be reimbursed by the University.

The Committee on General Policy wishes to emphasize that this recommendation is supplementary to the request it has made of the University Senates Conference for advice on a request for the establishment of a Student Advisory Committee to the Board of Trustees. The Committee will wish to receive this advice in due course and will ask the ad hoc committee of students to react to it in their report.

It is the Committee's expectation that, having received the suggestions and advice indicated, as well as that of the administration of the University and others, it will be in a position to make a final report and recommendations to the Board of Trustees.

The recommendation was moved by Mr. Jones and approved unanimously.

Members of the Committee on General Policy

HOWARD W. CLEMENT, *Chairman*

DONALD R. GRIMES

RALPH C. HAHN

THEODORE A. JONES

*Absent:* TIMOTHY W. SWAIN

EARL W. PORTER, *Clerk*

During the discussion the meeting was interrupted again when three spectators, apparently members of the student group, sought recognition by the chair. Mr. Hughes again called for order and attempted to explain the Board's procedures for recognition. When the disruption continued, he asked that the three individuals be escorted from the room.

Mr. Jones stated that the members of the ad hoc student committee should be selected as persons broadly representative of the student body. He recommended that the notice of purpose of the committee be widely circulated among the students. President Henry indicated that if the committee were established it was his intention to take the initiative to convene a meeting for organization of the committee as quickly

as possible. Mr. Clement made clear that the Committee on General Policy did not anticipate that the student group would automatically have the privilege of the floor at Board meetings but that regular procedures would be followed.

The report was adopted.

#### **DELEGATION OF SIGNATURES**

At each annual meeting the Board adopts a Resolution authorizing the President and Secretary to delegate the signing of their names, as officers of the Board, to vouchers to be presented to the Auditor of Public Accounts and to warrants drawn on the Treasurer of the University, to certain designated administrative personnel.

Because of a change in personnel, the Resolution adopted by the Board at its annual meeting on March 19, 1969, should be amended to incorporate the following changes:

The name of Miss Velma M. Davis is added to and the name of Robert A. Jungmann is deleted from the list of personnel to whom the Secretary is authorized to delegate authority to sign his name as Secretary of the Board of Trustees to vouchers against the Auditor of Public Accounts and to warrants on the University Treasurer covering vouchers approved in accordance with the regulations of the Board.

The Secretary requests that the Board approve the amendment indicated.

#### **SECRETARY'S REPORT**

The Secretary presented for record the following lists: appointments to the faculty made by the President; cancellations, declinations, and resignations; leaves of absence; retirement. A copy of the report is filed with the Secretary.

#### **FEBRUARY MEETING**

On motion of Mr. Hahn, the Board voted to change the place of the February 18, 1970, meeting to the Urbana-Champaign campus.

President Hughes reminded the Trustees that the annual meeting of the Board would be on Wednesday, March 18, at Urbana, and that its regular April meeting would be held on Wednesday, April 15, at the Medical Center.

#### **REGULAR MEETING RECESSED**

On motion of Mr. Clement, the regular meeting was recessed. Following the recess, the Committee on Buildings and Grounds met.

#### **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.

#### **CONVEYANCE OF LAND TO STATE UNIVERSITIES RETIREMENT SYSTEM, URBANA**

(32) On February 19, 1969, the Board approved in principle the transfer of title to approximately 2.3 acres of University-owned land west of First Street Road and south of St. Mary's Road on Gerty Drive in Champaign for the proposed State

Universities Retirement System Building. The financing of the construction of the building and the transfer of title to the land from the University to the Retirement System were subject to approval by the General Assembly.

The Seventy-sixth General Assembly has approved the project and Senate Bill 604 authorizes the transfer by the University of title to the site. Accordingly, the President of the University, with the concurrence of appropriate administrative officers, recommends adoption of the following resolution providing for the conveyance of title to the site from the University to the State Universities Retirement System.

### Resolution

WHEREAS by an act of the Seventy-Sixth General Assembly of the State of Illinois entitled, "AN ACT to authorize the conveyance of certain real property located in Champaign County, Illinois, by The Board of Trustees of the University of Illinois to the Board of Trustees of the State Universities Retirement System" (S.B. 604, approved July 22, 1969), The Board of Trustees of the University of Illinois is authorized to convey and quit claim all right, title, and interest in and to the real property hereinafter described and located in Champaign County, Illinois, to the Board of Trustees of the State Universities Retirement System, and which real property shall upon such transfer be under the jurisdiction of the Board of Trustees of the State Universities Retirement System and shall be used as a site for an office building:

*Now, Therefore, 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, hereinafter referred to as "Grantor," 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 Quit Claim Deed and such other documents in connection therewith as said Comptroller and Secretary may deem necessary or desirable in order to convey to the Board of Trustees of the State Universities Retirement System, a public corporation of the State of Illinois, hereinafter referred to as "Grantee," title to the real property described as follows, viz:

Situated in the State of Illinois, the County of Champaign, in the Northeast quarter (NE  $\frac{1}{4}$ ), of the Southeast Quarter (SE  $\frac{1}{4}$ ) of Section Twenty-four (24), Township Nineteen North (T 19 N), Range Eight East (R 8 E), of the Third Principal Meridian (3rd P.M.) and being more fully bounded and described as follows:

Beginning at a point on the South line of the NE  $\frac{1}{4}$ , SE  $\frac{1}{4}$ , Section 24, Township 19 North, Range 8 East of the 3rd. Principal Meridian, Champaign County, Illinois, lying 400.00 feet East of a stone monument being the Southwest Corner of the said NE  $\frac{1}{4}$ , SE  $\frac{1}{4}$ , Section 24; thence Northerly 400.13 feet to a point; thence Easterly 253.69 feet to a point; thence Southerly 400.00 feet to a point on the said South line of the NE  $\frac{1}{4}$ , SE  $\frac{1}{4}$  Section 24; thence Westerly along said South line of NE  $\frac{1}{4}$ , SE  $\frac{1}{4}$ , Section 24 a distance of 253.30 feet to the true point of beginning and being a part of the NE  $\frac{1}{4}$ , SE  $\frac{1}{4}$ , Section 24, Township 19 North, Range 8 East of the 3rd. Principal Meridian, Champaign County, Illinois, and containing 2.3278 Acres more or less, save, except, and reserving, however, unto the Grantor, its successors and assigns, the perpetual right and easement to construct, reconstruct, operate, repair, and maintain on, over, under, or through the following described portion of said tract, equipment and facilities for any and all utilities, including but not limited to, electricity, water, telephone, sewer, gas and heat, now or hereafter necessary or desirable for the benefit of Grantor, its successors, or assigns, and which said reservation, right, and easement shall run with the land and be binding upon the Grantee, its successors and assigns, viz:

A strip of land 25.0 feet of even width and 400.0 feet in length, being the east 25.0 feet of the above-described tract of land; and also, upon a strip of land 10.0 feet of even width and 253.30 feet in length, being the south 10.0 feet of the above-described tract of land.

On motion of Mr. Grimes, the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr.

Hughes, Mr. Jones, Mr. Steger; no, none; absent, Governor Ogilvie, Mr. Page, Mr. Stone, Mr. Swain.

**AUTHORIZATION FOR PURCHASE OF WINSHIP FARM  
FOR WILLARD AIRPORT**

(33) The Winship farm which is adjacent to the Willard Airport west of Savoy has been offered to the University at a price of \$1,000 per acre. The farm consists of approximately 171 acres, of which 155 are tillable, and is improved with two houses and several outbuildings.

The President of the University, with the concurrence of appropriate administrative officers, recommends that authorization be given to continue the negotiations for the purchase of this property, and if a price can be established within appraisals received by the University, that the University of Illinois Foundation be requested to purchase the farm and lease the property to the University at a rental sufficient to enable the Foundation to pay the interest cost on the loan secured to finance this purchase. It is contemplated that this land will be needed for future expansion of the airport and related facilities.

On motion of Mr. Grimes, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Steger; no none; absent, Governor Ogilvie, Mr. Page, Mr. Stone, Mr. Swain.

**REPORT OF THE EXECUTIVE COMMITTEE**

The Executive Committee submits the following report:

**Meeting of the Executive Committee of The Board of Trustees  
of the University of Illinois  
December 17, 1969**

A meeting of the Executive Committee of The Board of Trustees of the University of Illinois was held in the Faculty Lounge of the Illini Union, Urbana, Illinois, on Wednesday, December 17, 1969, beginning at 12:15 p.m.

The meeting was requested by two members of the Executive Committee to consider business which was urgent and on which action should not have been deferred until the next regular meeting of the Board in January. The meeting was called during an Executive Session of the Board when it was determined that a quorum was not present.

When the Committee convened in executive session, the following members of the Committee were present: Mr. Timothy W. Swain, Chairman pro tem, Mr. Howard W. Clement. Also present were: Mr. Donald R. Grimes, Mr. Russell W. Steger, Mr. W. Clement Stone, members of the Board of Trustees; President David D. Henry; Executive Vice President and Provost Lyle H. Lanier; Chancellor Joseph S. Begando, University of Illinois at the Medical Center; Chancellor J. W. Peltason, University of Illinois at Urbana-Champaign; Chancellor Norman A. Parker, University of Illinois at Chicago Circle; Dr. Eldon Johnson, Vice President of the University; Mr. C. S. Havens, University Director of Physical Plant Planning and Construction; Mr. C. E. Flynn, Assistant to the President and University Director of Public Information; Mr. James J. Costello, University Counsel; Mr. George H. Bargh, Executive Assistant to the President; and the officers of the Board, Mr. H. O. Farber, Comptroller; Mr. R. R. Manchester, Treasurer; and Dr. Earl W. Porter, Secretary and Clerk of the Committee.

The Committee considered the following reports and recommendations from the President of the University.

**RECOMMENDATIONS OF THE UNIVERSITY PATENT COMMITTEE**

(1) 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. Intermittent administration of the synthetic estrogen, diethylstilbestrol (DES), for the improvement of animal gains—Steven Lewis Davis, former Research Assistant in Animal Science, Urbana, and U. S. Garrigus, Professor of

Animal Science, Urbana, inventors; developed under the sponsorship of the United States Public Health Service. The administration of DES, either oral or implant, to cattle or sheep in an intermittent manner is for the purpose of attaining greater stimulation of growth than is possible using current methods of continuous administration.

The Committee recommends that the rights of the University be assigned to the United States Public Health Service.

2. Polyacrylamide gel scanning attachment for ISCO UV or visible analyzer — Barry Marrs, former Fellow in Microbiology, Urbana, and Samuel Kaplan, Assistant Professor of Microbiology, Urbana, inventors; developed under the sponsorship of the National Science Foundation. The purpose of the invention is to provide a record of the absorbance of light by material which has been distributed along a cylinder of polyacrylamide gel by electrophoresis. The originality of this invention lies in a new juxtaposition of pre-existing concepts. The idea of attempting to use the relatively inexpensive ISCO ultraviolet analyzing instrumentation to scan acrylamide gels is novel.

The Committee recommends that the rights of the University be assigned to the National Science Foundation.

3. Counterflow jet total pressure probe — Gary Francis Morr, former Fellow in Mechanical Engineering, Urbana, inventor; developed under the sponsorship of the National Science Foundation. The counterflow jet total pressure probe is a device for the precise measurement of the total pressure of a flowing gas when the gas is either laden with suspended solid particles or flowing in an entirely gaseous state. From measurements made with the counterflow jet probe, the gaseous velocity can be accurately determined for range of gaseous velocities, particle sizes, and particle cloud densities which are encountered in industrial and laboratory conditions. The identifying design feature of the probe is a small, shrouded tube or orifice through which a jet of gas is discharged in counterflow to the stream whose velocity is to be measured.

The Committee recommends that the rights of the University be assigned to the inventor or to the National Science Foundation if the inventor does not wish to file an application for a patent.

4. S-substituted thiosulfuric acid derivatives and preparation thereof — Ludwig Bauer, Professor of Chemistry, College of Pharmacy, Medical Center, inventor; developed under the sponsorship of the United States Army Medical Research and Development Command. S-substituted thiosulfuric acid derivatives bearing an N-(polycyclic hydrocarbon radical) carboxamidinomethane function have been found useful as antiradiation agents. These were produced by interaction of amino-substituted polycyclic hydrocarbons with a methyl  $\alpha$ -(halogen) acetimidate, followed by treatment of the intermediate (*e.g.*) N-substituted  $\alpha$ -chloroacetamidine (hydrochloride) with sodium thiosulfate. The solubility characteristics of the S-substituted thiosulfuric acids and salts thereof in aqueous and lipid systems were affected markedly with the choice of polycyclic hydrocarbon radical. In turn, this had influence both on the potency and duration of protectant effects against otherwise lethal doses of ionizing radiation. The kindred thiol types exerted similar activity.

The Committee recommends that the rights of the University be assigned to the United States Army.

5. Development of composite compositions in the system  $\text{PbTiO}_3$ -aluminoborate glass that have almost zero expansion in the temperature range, 20-550°C — Rao R. Tummala, former Research Assistant in Ceramic Engineering, Urbana, and Arthur L. Friedberg, Professor and Head of the Department of Ceramic Engineering, Urbana, inventors. The invention relates to the discovery of some binary composites in the system lead titanate-aluminoborate glass having almost zero expansion in the temperature range 20°C. to 550°C. Specifically, compositions within the range 72-78 weight per cent  $\text{PbTiO}_3$  were found to have expansions ranging from  $19 \times 10^{-6}$  to  $5 \times 10^{-6}$  in./in./°C. These low thermal expansions make these glass-crystal composites extremely resistant to structural damage under severe thermal shock conditions. The low thermal expansion composites can also be used as porcelain enamel coatings on metals and glazes on ceramics so as to put the coatings more in compression than is possible with other materials, or as a material that must be dimensionally stable over a wide temperature range.

The Committee recommends that the rights of the University in this invention be assigned to the University of Illinois Foundation for study and possible patent application.

6. Use of cyanuric chloride as a condensing agent — Floyd J. Green, Technical Director, Matheson, Coleman, and Bell Division of Will-Ross Corporation, Nicholas G. Grand, Professor of Oral Pathology, Medical Center, and Philip P. Goland, Research Associate, Department of Pedodontics, Medical Center, inventors; developed under the sponsorship of the United States Public Health Service. Studies show that cyanuric chloride, which is otherwise insoluble in water, can be rendered soluble in water and readied for use as a condensing agent by first solubilizing it in a suitable lactam type solvent. This method of solubilization of cyanuric chloride in water is of importance since the solvent milieu, water, is essential to many condensation reactions.

The Committee recommends that the rights of the University in this invention be assigned to the inventors to the extent that they contributed to the idea.

7. Method of treatment of deep-seated caries and dental pulp — Philip P. Goland, Research Associate, Department of Pedodontics, Medical Center, Eugenio Zerlotti, former Assistant Professor, Department of Histology, Medical Center, and Orlando Ayrton de Toledo, Head, Department of Pedodontics, Faculdade de Odontologia de Aracatuba, Sao Paulo, Brazil, inventors; developed under the sponsorship of the United States Public Health Service. The use of halo-s-triazinyl compounds as cross-linking and calmativ agents for the topical treatment of the tooth has applicability for focal (1) desensitization of cementum, and dentin; (2) the treatment of dentin in deep caries; and (3) the treatment of inflamed pulps. In addition to their cross-linking and calmativ action on the pulp, the compounds of the present invention have been found to induce and stimulate reparative processes in the pulp. Their bacteriocytic properties contribute to the sterilization of infected tissues.

The Committee recommends that the rights of the University in this invention be assigned to the inventors to the extent that they contributed to the idea. (The Board of Trustees approved assignment of the rights in this invention to the University of Illinois Foundation on September 20, 1967. On November 6, 1969, the Board of Directors of the University of Illinois Foundation voted to assign all rights and interest in all Goland disclosures, patent applications, and patents to The Board of Trustees of the University of Illinois.)

8. Water-soluble dichloro-s-triazinyl agents for the therapy of burns and other conditions of the skin and corium — Floyd J. Green, Technical Director, Matheson, Coleman, and Bell Division of Will-Ross Corporation, and Philip P. Goland, Research Associate, Department of Pedodontics, Medical Center, inventors; developed under the sponsorship of the Institutum Divi Thomae. Reactive dichloro-s-triazinyl cross-linking agents can readily establish polymeric products with the superficial layers of the skin and corium where these are pathologically involved or denuded as in burns. These reactive agents become an integral part of the structure of the tissue molecules and help to stabilize these structures, preventing further disintegration and necrosis.

The Committee recommends that the rights of the University in this invention be assigned to the inventors to the extent that they contributed to the idea. (The Board of Trustees approved assignment of the rights in this invention to the University of Illinois Foundation, subject to the rights of the Institutum Divi Thomae and with the negotiation of equitable contracts recognizing such rights, on September 20, 1967. On November 6, 1969, the Board of Directors of the University of Illinois Foundation voted to assign all rights and interests in all Goland disclosures, patent applications, and patents to The Board of Trustees of the University of Illinois.)

9. Preparation of stabilized derivatives of animal and plant origin by condensation reaction with halo-s-triazines — Nicholas G. Grand, Professor of Oral Pathology, Medical Center, and Philip P. Goland, Research Associate, Department of Pedodontics, Medical Center, inventors; developed under the sponsorship of the United States Public Health Service. This is a system produced by the chemical bonding of halo-s-triazines, such as cyanuric chloride, chloro-s-triazine dyes and related colorless compounds with various organic agents, materials, and substrates.

The Committee recommends that the rights of the University in this invention be assigned to the inventors to the extent that they contributed to the idea. The Board of Trustees released the rights in this invention to the University of Illinois Foundation on October 13, 1966. On November 6, 1969, the Board of Directors of the University of Illinois Foundation voted to assign all rights and interest in all Goland disclosures, patent applications, and patents to The Board of Trustees of the University of Illinois.)

10. Preservation of enamel by the use of dichloro-s-triazinyl and polyfunctional aziridinyl compounds in polycondensation reaction — Philip P. Goland, Research Associate, Department of Pedodontics, Medical Center, inventor; developed under the sponsorship of the United States Public Health Service. This is a system produced by the chemical bonding of dichloro-s-triazinyl and polyfunctional aziridinyl (ethylenimine) derivatives in polycondensation reaction with various receptor sites in dental enamel.

The Committee recommends that the rights of the University in this invention be assigned to the inventor or, in the event it is determined there is more than one inventor, to the inventors to the extent that they contributed to the idea. (The Board of Trustees approved release of the rights in this invention to the University of Illinois Foundation on October 13, 1966. On November 6, 1969, the Board of Directors of the University of Illinois Foundation voted to assign all rights and interest in all Goland disclosures, patent applications, and patents to The Board of Trustees of the University of Illinois.)

11. Preservation of teeth by the use of dichloro-s-triazines — Philip P. Goland, Research Associate, Department of Pedodontics, Medical Center, inventor; developed under the sponsorship of the United States Public Health Service. A system produced by the reaction and chemical bonding of the chloro-s-triazines, a group of unusually reactive compounds, with the various receptor sites of living teeth which can be used for the following purposes: (a) the prevention of caries breakdown in susceptible teeth; (b) the treatment of cariogenic enamel and dentin whereby the cariogenic process is controlled; (c) the stimulation of the tooth whereby the normal reparative process is enhanced; and (d) the restoration of carious teeth with chemically bonded chloro-s-triazine/tooth polymeric complexes. These complexes form permanently sealed zones and do not allow the ingress of fluids and bacteria which are responsible for the recurrence of decay.

The Committee recommends that the rights of the University in this invention be assigned to the inventor or, in the event it is determined there is more than one inventor, to the inventors to the extent that they contributed to the idea. (The Board of Trustees approved release of the rights in this invention to the University of Illinois Foundation, subject to any rights of the sponsoring agency, on July 21, 1965. On November 6, 1969, the Board of Directors of the University of Illinois Foundation voted to assign all rights and interest in all Goland disclosures, patent applications, and patents to The Board of Trustees of the University of Illinois.)

On motion of Mr. Clement, these recommendations were approved.

#### **NATIONAL COUNCIL OF TEACHERS OF ENGLISH PROPERTIES, CHAMPAIGN**

(2) The National Council of Teachers of English intends to construct new facilities on North Lincoln Avenue in Urbana and desires to sell its properties on Sixth Street in Champaign to the University.

Accordingly, the President of the University, with the concurrence of appropriate administrative officers, recommends that the Board approve in principle the acquisition of these properties on Sixth Street, subject to the necessary clearances with the Illinois Board of Higher Education. A firm proposal will be submitted to the Board if negotiations can be satisfactorily completed and before presentation to the Board of Higher Education.

On motion of Mr. Clement, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Swain; no, none; absent, Mr. Hughes.



The business of the meeting having been concluded, on motion of Mr. Clement, the Executive Committee adjourned.

HOWARD W. CLEMENT  
TIMOTHY W. SWAIN, *Chairman pro tem*  
The Executive Committee of  
The Board of Trustees of the  
University of Illinois

On motion of Mr. Grimes, the report of the Executive Committee was approved.

On motion of Mr. Grimes, the Board adjourned.

EARL W. PORTER  
*Secretary*

EARL M. HUGHES  
*President*

#### LUNCHEON AND PROGRAM

Following the luncheon, a demonstration of the "computerized patient," a teaching device developed by the Office of Research in Medical Education at the Medical Center, was presented.

**MEETING OF THE EXECUTIVE COMMITTEE  
OF THE BOARD OF TRUSTEES**

**OF THE**

**UNIVERSITY OF ILLINOIS**

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**February 18, 1970**



A meeting of the Executive Committee of The Board of Trustees of the University of Illinois was held in Room 134 of the Assembly Hall on the Urbana-Champaign campus, on Wednesday, February 18, 1970, beginning at 9:30 a.m.

Chairman Earl M. Hughes called the meeting to order and asked the Clerk of the Committee to call the roll. The following members of the Committee were present: Mr. Howard W. Clement, Mr. Earl M. Hughes, Mr. Timothy W. Swain.

Also present were: Mr. Donald R. Grimes and Mr. Ralph C. Hahn, members of the Board of Trustees, and the following University officers: President David D. Henry; Executive Vice President and Provost Lyle H. Lanier; Chancellor J. W. Peltason, Urbana-Champaign Campus; Chancellor Joseph S. Begando, Medical Center Campus; Chancellor Norman A. Parker, Chicago Circle Campus; Dr. Eldon Johnson, Vice President of the University; Mr. C. S. Havens, University Director of Physical Plant Planning and Construction; Mr. C. E. Flynn, Assistant to the President and University Director of Public Information; Mr. James J. Costello, University Counsel; and the officers of the Board: Mr. H. O. Farber, Comptroller, Mr. R. R. Manchester, Treasurer, and Dr. Earl W. Porter, Secretary.

### INTRODUCTION OF OBSERVERS AND OF AD HOC COMMITTEE OF STUDENT OBSERVERS

Chairman Hughes introduced Professor Charles Wert and Professor Leonard Kent, observers from the Urbana-Champaign and Chicago Circle Senates.

He also introduced members of the *Ad Hoc* Committee of Student Observers<sup>1</sup> Mr. Michael Kreloff (Graduate Student), Mr. John Adler and Mr. Lawrence Rabyne (Undergraduate Students) from the Urbana-Champaign campus; Miss Linda Murrie and Mr. Lee Fischer from the Medical Center campus; Mr. Richard Gordon (Graduate Student), Mr. Robert Geltner and Mr. John B. McCauley (Undergraduate Students) from the Chicago Circle campus.

**BUSINESS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY**  
The Committee took up consideration of 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.

### RATE INCREASES FOR UNIVERSITY-OPERATED HOUSING FACILITIES, URBANA

The following memoranda were presented by the President of the University in which administrative actions to increase rates for University-operated housing facilities at Urbana-Champaign and at the Medical Center were reported and the rationale for the actions explained.

The Board had earlier approved a request from the Undergraduate Student Association of Urbana to be heard on the subject of the increases approved for Urbana. Accordingly, Mr. Steve Gargo and Miss Dorothy O'Brien of the Undergraduate Student Association were granted the floor to make presentations. They gave particular emphasis to the effect of the increase on student finance and student opportunity, on conditions in residence halls generally, and on the possibilities of state financing of residence halls.

Administrative officers, including Chancellor J. W. Peltason and Mr. Arnold W. Strohkorb, Director of Housing, discussed the general inflationary pressures upon the University to meet operating costs of the halls, including improved services requested by students which involve additional costs. The point was made that the inadequacy of private housing in the community and the inability to obtain state funds for residence hall construction had led to the development of University housing in the last ten or fifteen years.

President Henry noted that a related increase, based on the same financial situation, had been approved for housing at the Medical Center campus.

Following extended discussion, Chairman Hughes indicated that the actions had been approved by the administration and that it was the Board's assumption that the administrative actions would go into effect.

<sup>1</sup> Established by the Board of Trustees January 21, 1970.

### **Rate Increases for University Operated Housing Facilities at Urbana-Champaign**

On recommendation of the Chancellor, the President has approved rental rate increases for University-operated housing facilities of Urbana-Champaign, effective September 1, 1970, as follows:

1. In undergraduate residence halls (capacity of 9,400 spaces) a \$60 increase for women and a \$100 increase for men for room and board for the academic year (the increase for women is lower than that for men because the women have chosen to have certain services eliminated).
2. In graduate residence halls (capacity of 1,000 spaces) a \$46 increase per academic year.
3. In married student apartments (1,000 units) a \$6 per month increase for furnished one- and two-bedroom units and \$5 per month for unfurnished two-bedroom units in the Orchard apartment complex and \$3 per month in the Green Street and Goodwin Avenue apartments.
4. In faculty housing an average increase of \$12 per month to be implemented in steps over a two-year period.

The new increases are dictated by rising cost factors similar to those experienced by the economy as a whole and include increases in salaries and wages, cost of food, supplies, utilities, and other services. Students have been consulted widely and wherever service reductions could be mutually agreed upon in order to minimize the rate increase, they have been scheduled for implementation. Furthermore, discussions are continuing with regard to the possibility of establishing several varied service plans at differing rates. The increase approved is the minimum required for the University to continue to meet bond obligations.

During the past ten years, the rates in undergraduate residence halls have increased by 17 per cent while the cost of living index has increased 28 per cent. With the new adjustment, rates will have increased 26 per cent since 1960. The cost of living index will in all probability continue to rise while the new rates remain stable for a period of two years.

The rates currently in effect and those newly approved compare favorably with those charged by other Big 10 universities. The most typical rate in the undergraduate residence halls on the Urbana-Champaign campus is currently next to the lowest within the Big 10 and the new rate would be just below the mid-point. It will undoubtedly compare more favorably in September since some institutions are planning to increase their rates for the 1970-71 academic year.

### **Increase in Residence Hall Contract Rates, Medical Center**

The President, on recommendation of the Chancellor, has approved the following increases in residence hall contract rates to be effective for the 1970-71 academic year at the Medical Center campus:

1. Student Residence Hall double room (the most typical contract)—a rate increase of \$110 from the present \$1,065 rate to \$1,175.
2. Women's Residence Hall double room—a rate increase of \$115 from the present \$1,090 rate to \$1,205.

### **PROGRESS REPORT ON OAKLEY RESERVOIR**

Professor Walter M. Keith, Director of Robert Allerton Park, gave the following report on the Oakley Reservoir.

"On February 12, the Division of Waterways, Department of Public Works and Buildings, released publicly the proposal for the Modified Project of Oakley Reservoir and the Sangamon River.

"Just prior to that date and following this release, the University has been gathering information about this proposal in anticipation of a University response to the major differences between the Memorandum of Agreement, dated May 29, and the current proposal. There seems to be a change in joint-use pool elevation of 623' Mean Sea Level from 621' MSL and a 5,000 cfs release rate from an earlier 7,000 cfs.

"The Harza Engineering Company and Dr. Kendeigh, Chairman of the Natural Areas Committee, Graduate College, have been brought up to date with this

proposal and the additional information we have secured. We are evaluating this information as we receive it, and we expect to have a copy of the State Report on February 23.

"We will evaluate this Report and will report our findings and recommendations to the University Administration."

#### **ACTIONS OF THE STATE BOARD OF HIGHER EDUCATION ON THE UNIVERSITY'S FY 1971 BUDGET REQUESTS**

(1) President Henry presented a detailed report in writing concerning actions of the Board of Higher Education on the University's FY 1971 budget requests including comments presented by the President to that Board on February 3. A copy of the report is filed with the Secretary for record and was printed in the *Faculty Letter* No. 192, February 16, 1970.

In summary, the Board of Higher Education approved the following amounts:

<i>Budget for Operations</i>	<i>Increases Requested</i>	<i>Increases Approved (BHE)</i>
Salary Adjustments.....	\$ 11 310 840	\$ 9 782 676
Increased Enrollments.....	7 611 300	6 574 903
Operating Costs of New Buildings.....	1 706 400	1 517 185
Price Increases.....	1 195 575	1 195 575
Refunds.....	104 725	104 725
New Programs.....	4 073 900	1 620 780
Program Improvement.....	1 086 000	189 200
Other Special Increases.....	2 878 500	1 403 800
Agricultural Premium Fund.....	289 790	289 790
Retirement System.....	27 330 260	557 238
<i>Total Increases.....</i>	<i>\$ 57 587 290</i>	<i>\$ 23 235 872</i>
Add 1969-70 Budget.....	165 922 610	165 922 610
Proposed 1970-71 Budget.....	\$223 509 900	\$189 158 482

#### *Capital Funds*

Only three items were approved from general revenue funds: \$1,000,000 for equipment for the Dentistry Building, Phase I; \$197,374 to complete the amount needed for planning the Medical Sciences Building at the Urbana-Champaign campus; an unassigned residue of \$564,601. The addition to the Dentistry Building at the Medical Center campus and the addition to Burrill Hall at the Urbana-Champaign campus were approved for construction by the Illinois Building Authority.

This report was received for record.

#### **BUDGET FOR 1970 SUMMER QUARTER AND FACULTY APPOINTMENTS, CHICAGO CIRCLE**

(2) Submitted herewith are the budget and appointments to the faculty for the 1970 summer quarter at Chicago Circle from June 16 through September 15, 1970.

The total budget is for salaries in the amount of \$1,140,000.

The salaries recommended are computed on the basis of one-third of the salary of the academic year for a full quarter of service, with proportionate amounts for shorter periods or for part-time service.

Comparative summer student enrollment and budget figures for 1969 and 1970 are as follows:

#### **Student Enrollment 1969, Projected Enrollment 1970 (Head Count)**

	<i>Actual 1969</i>	<i>Projected 1970</i>	<i>Increase</i>	<i>Per Cent of Increase</i>
Undergraduate.....	5935	7250	1315	22
Graduate.....	290	435	145	50
Total.....	6225	7685	1460	23

#### **Budget**

	<i>1969</i>	<i>1970</i>	<i>Increase</i>	<i>Per Cent of Increase</i>
	\$926 500	\$1 140 000	\$213 500	23

I recommend that these appointments to the summer quarter staff at Chicago Circle be approved as submitted, and that the President of the University be authorized to accept resignations and make such changes and adjustments and additional appointments as are necessary in accordance with the needs of the University within the allocations of funds indicated.

On motion of Mr. Swain, these appointments and the summer quarter budget for Chicago Circle were approved and authority was given as requested. This action was taken by the following vote: Aye, Mr. Clement, Mr. Hughes, Mr. Swain; no, none; absent, none.

	Chancellor's Office	Per Cent Time	Proposed Amount
300 02 02 172			
1. Salaries unassigned.....			\$15 579 (15 579)

#### Accounting College of Business Administration

300 17 10 172 CC			
1. Edwin Cohen, Professor.....	83		\$ 5 810
2. Samuel Fox, Professor.....	50		2 750
3. Alfonse Malinosky, Professor.....	50		2 834
4. Albert J. Schneider, Professor.....	87.5		5 309
5. _____, Assistant Professor.....	100		3 050
6. Edward T. Ossman, Assistant Professor.....	50		2 500
			(22 253)

#### Economics and Finance

300 17 10 172 CC			
1. Robert W. French, Professor.....	50		\$ 3 667
(See also Management).....			(7 334)
2. _____, Professor.....	33		2 610
3. Sherman Shapiro, Professor.....	100		6 467
4. Fayette B. Shaw, Associate Professor.....	100		4 333
5. Robert D. Auerbach, Assistant Professor.....	100		4 167
6. Thomas M. Johnson, Assistant Professor.....	100		4 500
7. Houston H. Stokes, Assistant Professor.....	100		4 334
			(30 078)

#### Management

300 17 10 172 CC			
1. Robert W. French, Profesoor.....	50		\$ 3 667
(See also Economics).....			(7 334)
2. Ronald E. Jablonski, Associate Professor.....	50		2 750
3. Richard D. Babcock, Assistant Professor.....	100		4 334
4. Ronald L. Miller, Assistant Professor.....	100		4 334
5. William M. Sukel, Assistant Professor.....	50		2 167
6. Joseph A. Wolfe, Assistant Professor.....	100		4 200
7. Fred R. Travis, Lecturer.....	27		1 200
			(22 652)

#### Marketing

300 17 10 172 CC			
1. Hugh G. Wales, Professor.....	100		\$ 6 500
2. Robert E. Weigand, Professor and Area Coordinator ....	83		5 810
3. Alvin D. Star, Lecturer.....	50		2 383
			(14 693)

#### Quantitative Methods

300 17 10 172 CC			
1. Leonard Kent, Professor.....	83		\$ 5 588
2. Lalitha Sanathanan, Assistant Professor.....	100		4 000
3. Walter J. Wadycki, Instructor.....	100		3 667
			(13 255)

#### College of Education

300 20 10 172 CC			
1. Victor E. Ricks, Professor.....	100		Y
2. Eliezer Krumbein, Associate Professor.....	100		\$ 4 834

	<i>Per Cent Time</i>	<i>Proposed Amount</i>
3. Betty E. Orr, Associate Professor.....	100	3 934
4. ———, Associate Professor.....	100	4 334
5. Daniel Powell, Associate Professor.....	100	4 400
6. Madelaine M. Shalabi, Associate Professor.....	50	1 950
7. Joseph L. Braga, Visiting Assistant Professor.....	100	3 667
8. Carolyn Leonard, Assistant Professor.....	50	1 834
9. Charles A. Tesconi, Assistant Professor.....	100	4 500
10. Donald R. Warren, Assistant Professor.....	100	4 250
11. Sheila McKenzie, Instructor.....	50	1 667
12. Tasso Christie, Visiting Lecturer.....	100	3 500
13. Salaries unassigned.....	200	6 500
		(45 370)

#### **Men's Division** **School of Physical Education**

300 20 27 172 CC

1. Charles Kristufek, Assistant Director and Associate Professor.....	33	\$ 1 589
2. Walter G. Versen, Associate Professor of Physical Education and Assistant Director of Athletics.....	50	1 908
3. J.C. Descourouez, Assistant Professor.....	50	1 433
4. Bradley Rothermel, Visiting Assistant Professor.....	50	2 167
5. Robert W. Danner, Instructor.....	50	1 275
6. Ralph W. Mackh, Instructor.....	50	1 250
7. Leon F. Pickens, Instructor.....	50	1 283
8. Michael B. McGovern, Instructor.....	50	1 183
		(12 088)

#### **Women's Division**

300 20 27 172 CC

1. Wilma J. Pesavento, Associate Professor and Head.....	50	\$ 2 347
2. Emily M. Axelrod, Instructor.....	50	1 416
3. Michelle Emmett, Instructor.....	50	1 250
4. Nina Pappas, Instructor.....	50	1 916
5. 1.50 FTE Assistants.....	150	3 373
		(10 302)

#### **Energy Engineering** **College of Engineering**

300 22 24 172 CC

1. James P. Hartnett, Professor and Head.....	33	\$ 2 804
2. Harold A. Simon, Associate Professor and Associate Head..	50	2 700
3. Joseph C. Chow, Associate Professor.....	50	2 117
4. David S. Hacker, Associate Professor.....	50	2 628
5. Allen C. Cogley, Assistant Professor.....	50	1 869
6. ———, Assistant Professor.....	50	1 950
		(14 068)

#### **Information Engineering**

300 22 33 172 CC

1. Robert Arzbaecher, Associate Professor.....	50	\$ 2 759
2. Kurt Burian, Associate Professor.....	33	1 745
3. Rucelle Consigny, Assistant Professor.....	100	3 600
4. Sharadbabu R. Laxpati, Assistant Professor.....	100	4 217
5. Chu Q. Lee, Assistant Professor.....	100	4 217
6. Miljenko Orsic, Assistant Professor.....	100	3 734
7. Roland Priemer, Assistant Professor.....	100	3 600
8. Thomas M. Smith, Assistant Professor.....	100	4 200
		(28 072)

#### **Materials Engineering**

300 22 37 172 CC

1. Ernest F. Masur, Professor and Head.....	50	\$ 3 867
2. Robert F. Domagala, Associate Professor.....	100	5 167
3. Daniel F. Schoeberle, Associate Professor.....	100	4 417

	<i>Per Cent Time</i>	<i>Proposed Amount</i>
4. Thomas C. T. Ting, Associate Professor.....	100	5 267
5. Otto Ernst Widera, Associate Professor.....	100	4 334
6. Ted B. Belytschko, Assistant Professor.....	50	1 967
7. Chien-Heng Wu, Assistant Professor.....	100	4 234
		(29 253)

**Systems Engineering**

300 22 59 172 CC		
1. S. E. Shapiro, Professor.....	50	\$ 2 634
2. G. C. Agarwal, Associate Professor.....	50	2 142
3. Francis A. Mosillo, Assistant Professor.....	50	1 712
4. Myron R. Rosenthal, Assistant Professor.....	50	1 942
5. Ronald W. Lodewyck, Instructor.....	50	1 667
		(10 097)

**College of Architecture and Art****Administration**

300 24 01 172 CC		
1. Raymond Andrew Dalton, Instructor.....	50	\$ 1 917
		(1 917)

**Architecture**

300 24 05 172 CC		
1. Edward L. Deam, Professor.....	100	\$ 6 333
2. Robert W. Gerstner, Professor.....	100	5 167
3. Rene Amon, Associate Professor.....	100	4 733
4. Philip A. Kupritz, Assistant Professor.....	83	3 182
5. Jakob K. Blumer, Lecturer.....	100	3 833
6. Elliott E. Dudnik, Lecturer.....	100	3 500
7. Charles B. Genter, Lecturer.....	100	4 667
8. Kenneth W. Schaar, Lecturer.....	100	4 667
		(36 082)

**Art**

300 24 10 172 CC		
1. Simon D. Steiner, Professor and Chairman.....	50	\$ 2 917
2. Robert W. Nickle, Professor.....	67	3 380
3. Donald P. Dimmitt, Associate Professor.....	100	4 134
4. Martin Hurtig, Associate Professor.....	100	4 500
5. Hans Karl Schaal, Instructor.....	100	2 833
6. Allen E. Porter, Lecturer.....	33	1 406
7. Salaries unassigned .....	100	3 400
		(22 570)

**History of Architecture and Art**

300 24 18 172 CC		
1. H. Fred Koeper, Professor.....	100	\$ 5 400
2. Warren Sanderson, Professor.....	100	5 167
3. David R. Edman, Assistant Professor.....	33	1 222
4. Carol L. LaBranche, Assistant Professor.....	100	4 000
5. Richard G. Arms, Jr., Instructor.....	50	1 766
6. M. Bullwinkel, Instructor.....	50	1 583
		(19 138)

**College of Liberal Arts and Sciences****Administration**

300 32 01 172 CC		
1. Salaries unassigned .....	400	\$10 335
		(10 335)

**Administration of Criminal Justice**

300 32 01 172 CC		
1. _____, Professor and Director.....	100	\$ 6 834
2. Stephen A. Schiller, Associate Professor.....	100	5 000
3. Salaries unassigned .....	100	4 000
		(15 834)



**Anthropology**

300 32 07 172 CC

	<i>Per Cent Time</i>	<i>Proposed Amount</i>
1. Charles A. Reed, Professor and Acting Head.....	33	\$ 1 912
2. Laura A. Bohannon, Associate Professor.....	100	5 167
3. Robert Hall, Associate Professor.....	100	5 434
4. 1.00 FTE Assistant.....	100	1 800
		(14 313)

**Biological Sciences**

300 32 15 172 CC

1. Sidney F. Glassman, Professor.....	75	\$ 3 900
2. Kenneth M. Madison, Professor.....	100	5 167
3. Theodore J. Starr, Professor.....	100	6 500
4. Elmer B. Hadley, Associate Professor and Acting Head...	67	3 645
5. James Bond, Assistant Professor.....	100	3 834
6. Michael R. Cummings, Assistant Professor.....	100	3 400
7. Manuel Goldman, Assistant Professor.....	100	4 267
8. David G. Penney, Assistant Professor.....	100	3 334
9. Thomas W. Seale, Assistant Professor.....	100	3 600
10. 6.00 FTE Assistants.....		10 800
		(48 447)

**Chemistry**

300 32 19 172 CC

1. Wm. F. Sager, Professor and Head.....	50	\$ 4 084
2. Bernard J. Babler, Professor.....	50	3 050
3. Charles K. Hunt, Professor.....	75	3 725
4. Robert M. Moriarty, Professor.....	75	5 125
5. Richard P. Burns, Assistant Professor.....	75	3 438
6. John W. Cowin, Assistant Professor.....	100	3 684
7. David G. Gorenstein, Assistant Professor.....	75	2 625
8. Anatol Gottlieb, Assistant Professor.....	75	2 675
9. Cynthia J. Jameson, Assistant Professor.....	75	2 875
10. Richard J. Kassner, Assistant Professor.....	75	2 750
11. Leonard Kotin, Assistant Professor.....	75	3 400
12. Robert F. Zahrobsky, Assistant Professor.....	75	2 825
13. Ralph E. Meints, Instructor.....	75	1 975
14. 11.00 FTE Assistants.....	1100	22 000
		(64 231)

**Classics**

300 32 22 172 CC

1. Edwin B. Levine, Professor and Head.....	67	\$ 3 778
2. Robert J. Callahan, Instructor.....	33	778
3. Dwora Gilula, Visiting Lecturer.....	33	1 000
		(5 556)

**English**

300 32 25 172 CC

1. John C. Johnson, Associate Professor and Acting Head....	100	\$ 5 067
2. Paul Carroll, Professor.....	50	3 334
3. Falk S. Johnson, Professor.....	50	2 434
4. Bernard R. Kogan, Professor.....	50	2 550
5. Robert B. Ogle, Professor.....	50	3 534
6. John B. Shipley, Professor.....	67	3 245
7. Samuel A. Weiss, Professor.....	50	2 500
8. Martin L. Wine, Professor.....	50	2 667
9. John H. Mackin, Jr., Associate Professor.....	67	2 934
10. Adam Makkai, Associate Professor.....	67	2 778
11. A. LaVonne Ruoff, Associate Professor.....	33	1 356
12. Maurita F. Willett, Associate Professor.....	67	2 556
13. _____, Assistant Professor.....	67	2 578
14. Preston M. Browning, Assistant Professor.....	67	2 178
15. Archibald J. Byrne, Assistant Professor.....	67	2 223
16. Sarah Cohen, Assistant Professor.....	67	2 089
17. Judith K. Gardiner, Assistant Professor.....	67	2 223

	<i>Per Cent Time</i>	<i>Proposed Amount</i>
18. Hymen H. Hart, Assistant Professor.....	67	2 223
19. ———, Assistant Professor.....	67	2 223
20. Vincent Louthan, Assistant Professor.....	67	2 223
21. Willie N. Love, Assistant Professor.....	67	2 467
22. Ronald J. McCaig, Assistant Professor.....	67	2 089
23. I. M. Miller, Assistant Professor.....	67	2 356
24. Michael Morrisroe, Assistant Professor.....	67	2 267
25. Margaret H. Oleksy, Assistant Professor.....	67	2 312
26. Sondra Rosenberg, Assistant Professor.....	67	2 112
27. Gerald C. Sorensen, Assistant Professor.....	67	2 667
28. ———, Assistant Professor.....	67	2 400
29. Dale Woolley, Assistant Professor.....	67	2 267
30. Rolf H. Charlston, Instructor.....	67	1 845
31. Francis G. Cox, Instructor.....	67	2 067
32. Bertram Enos, Instructor.....	67	1 623
33. Allen D. Goldhamer, Instructor.....	67	1 956
34. Elaine Grauer, Instructor.....	33	1 443
35. Arthur L. Greenwald, Instructor.....	67	1 800
36. John R. Holt, Lecturer.....	67	1 445
37. Narvel L. Lane, Instructor.....	67	2 045
38. Gene W. Ruoff, Instructor.....	67	2 223
39. J. W. Schellhardt, Instructor.....	67	1 734
40. Mary C. Sidney, Instructor.....	67	2 023
41. Stuart Silverman, Instructor.....	67	1 912
42. Frederick C. Stern, Instructor.....	67	1 978
43. Judith I. Weintraub, Instructor.....	67	1 978
44. Eugene Wildman, Instructor.....	67	1 978
45. 10.33 FTE Assistants .....	1033	18 915
		(120 817)

**French**

300 32 31 172 CC

1. Robert E. Hallowell, Professor and Acting Head.....	67	\$ 4 823
2. Charles M. Lombard, Professor.....	100	5 534
3. Edmund J. Bender, Assistant Professor.....	100	3 834
4. Nancy A. Tomasek, Instructor.....	100	2 717
		(16 908)

**Geography**

300 32 43 172 CC

1. Clifford Tiedemann, Associate Professor and Acting Head..	83	\$ 3 874
2. David M. Solzman, Associate Professor.....	50	2 200
3. James E. Landing, Assistant Professor.....	50	2 417
4. Albert J. Larson, Assistant Professor.....	50	1 900
5. Oyediran Ojo, Assistant Professor.....	75	2 625
6. ———, Instructor .....	75	2 625
7. Roland C. Holmes, Instructor.....	50	1 917
8. Kenneth L. Kartz, Instructor.....	100	2 434
9. ———, Instructor .....	100	2 334
		(22 326)

**Geological Sciences**

300 32 46 172 CC

1. Werner H. Baur, Professor and Head.....	33	\$ 2 223
2. Robert E. DeMar, Associate Professor.....	50	2 400
3. Walter Sadlick, Associate Professor.....	50	2 417
4. Kelvin S. Rodolfo, Assistant Professor.....	50	2 067
5. ———, Assistant Professor.....	50	1 767
		(10 874)

**German**

300 32 49 172 CC

1. Robert R. Heitner, Professor and Head.....	33	\$ 2 723
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	<i>Per Cent Time</i>	<i>Proposed Amount</i>
2. Robert Kauf, Professor.....	50	2 717
3. Arnold J. Hartoch, Associate Professor.....	50	2 400
4. Ernest S. Willner, Associate Professor.....	67	2 667
5. Karl F. Otto, Jr., Assistant Professor.....	33	1 223
6. David E. Anderson, Instructor.....	33	1 000
7. Frederick Betz, Instructor.....	33	1 000
8. Edward J. Stone, Instructor.....	33	1 000
9. 1.00 FTE Assistant.....	100	1 800
		(16 530)

**History**

300 32 50 172 CC

1. Robert V. Remini, Professor and Chairman.....	100	\$ 8 334
2. Bentley Gilbert, Professor.....	100	6 000
3. Peter d'A. Jones, Professor.....	100	7 134
4. Edward C. Thaden, Professor.....	100	7 334
5. Richard Millman, Associate Professor.....	100	4 967
6. ———, Assistant Professor.....	100	4 000
7. Gerald A. Danzer, Assistant Professor.....	100	3 775
8. David P. Jordan, Assistant Professor.....	100	4 167
9. David L. Lightner, Assistant Professor.....	100	3 334
10. Charles R. McKirdy, Assistant Professor.....	100	3 334
11. 8.00 FTE Assistants.....	800	14 400
		(66 779)

**Mathematics**

300 32 54 172 CC

1. ———, Professor and Head.....	50	\$ 4 167
2. Herbert J. Curtis, Professor.....	50	2 934
3. Henry L. Garabedian, Professor.....	100	7 000
4. ———, Associate Professor.....	100	5 267
5. Shmuel Kantorovitz, Associate Professor.....	100	5 634
6. Kenneth H. Murphy, Associate Professor.....	100	3 967
7. Alexander P. Stone, Associate Professor.....	83	3 569
8. Avrum I. Weinzwieg, Associate Professor.....	100	5 467
9. ———, Assistant Professor.....	100	3 667
10. Bernard Berlowitz, Assistant Professor.....	100	4 000
11. Louis I. Gordon, Assistant Professor.....	83	2 945
12. ———, Assistant Professor.....	100	3 334
13. ———, Assistant Professor.....	100	3 834
14. Melvin L. Heard, Jr., Assistant Professor.....	83	3 112
15. Roger G. Hill, Assistant Professor.....	100	3 600
16. James Kelleher, Assistant Professor.....	100	4 167
17. Carol S. Knighten, Assistant Professor.....	100	3 334
18. Robert L. Knighten, Assistant Professor.....	100	3 467
19. Harvey Kriloff, Assistant Professor.....	50	1 667
20. ———, Assistant Professor.....	83	3 167
21. Mu-Chou Liu, Assistant Professor.....	83	2 889
22. Alan McConnell, Assistant Professor.....	100	3 800
23. Thomas B. Ondrak, Assistant Professor.....	100	3 200
24. Arthur T. Pu, Assistant Professor.....	100	
25. Lena Chang Pu, Assistant Professor.....	100	
26. T. E. S. Raghavan, Visiting Assistant Professor.....	83	2 917
27. N. C. Scholomiti, Assistant Professor.....	83	2 778
28. Helen W. Sears, Assistant Professor.....	100	3 100
29. Laurence R. Sjoblom, Assistant Professor.....	100	3 334
30. Alexander Zabrodsky, Assistant Professor.....	100	3 934
31. Leo F. Ziomek, Assistant Professor.....	100	3 334
32. Winifred Berglund, Instructor.....	100	3 100
33. Brigitte K. Erbe, Instructor.....	33	1 112
34. Kathleen M. Hotton, Instructor.....	67	2 000

	<i>Per Cent Time</i>	<i>Proposed Amount</i>
35. Rosemary F. Wiley, Instructor.....	100	2 834
36. 6.67 FTE Assistants.....	667	12 134
		(128 765)

**Music**

300 32 58 172 CC

1. Milan R. Kaderavek, Instructor and Acting Head.....	100	\$ 4 667
2. Richard E. Norton, Assistant Professor.....	67	2 245
		(6 912)

**Philosophy**

300 32 57 172 CC

1. Donald A. Wells, Professor and Chairman.....	50	\$ 3 667
2. _____, Visiting Associate Professor.....	100	4 500
3. Martin J. Scott-Taggart, Visiting Associate Professor.....	100	5 500
4. Ted Cohen, Visiting Assistant Professor.....	100	3 500
5. Neal K. Grossman, Instructor.....	100	3 500
6. Ralf Meerbote, Assistant Professor.....	100	3 500
7. Robert R. Page, Instructor.....	100	3 234
8. 2.00 FTE Assistants.....	200	3 600
		(31 001)

**Physics**

300 32 59 172 CC

1. S. Sundaram, Professor and Head.....	100	\$ 8 000
2. Stanley Aks, Associate Professor.....	50	2 217
3. _____, Associate Professor.....	100	5 334
4. Seymour Margulies, Associate Professor.....	100	4 534
5. William J. Otting, Associate Professor.....	50	2 767
6. Harold M. Skadeland, Associate Professor.....	50	2 584
7. _____, Assistant Professor.....	100	4 000
8. _____, Assistant Professor.....	100	4 234
9. Donald W. McLeod, Assistant Professor.....	100	4 300
10. _____, Assistant Professor.....	100	4 200
		(42 170)

**Political Science**

300 32 63 172 CC

1. Richard M. Johnson, Professor and Head.....	33	\$ 2 223
2. Twiley W. Barker, Jr., Professor.....	100	6 100
3. Milton Rakove, Professor.....	100	5 500
4. Lyman A. Kellstedt, Associate Professor.....	100	4 834
5. Frank Tachau, Associate Professor.....	100	4 834
6. George D. Beam, Assistant Professor.....	100	4 124
7. Peter R. Knauss, Assistant Professor.....	100	3 567
8. _____, Assistant Professor.....	100	3 334
9. Charles F. Levine, Instructor.....	100	3 334
10. Kaye M. Miller, Instructor.....	100	3 300
		(41 160)

**Psychology**

300 32 66 172 CC

1. Harry Upshaw, Professor and Head.....	33	\$ 2 167
2. Leonard D. Eron, Professor.....	67	5 667
3. I. E. Farber, Professor.....	67	5 222
4. Sheldon Rosenberg, Professor.....	67	4 067
5. Roger Dominowski, Associate Professor.....	67	2 889
6. Alan A. Benton, Assistant Professor.....	67	2 844
7. Philip E. Freedman, Assistant Professor.....	67	2 800
8. _____, Assistant Professor.....	67	2 400
9. _____, Assistant Professor.....	67	2 400
10. Rolf A. Peterson, Assistant Professor.....	67	2 334
11. Alexander J. Rosen, Assistant Professor.....	67	2 800

	<i>Per Cent Time</i>	<i>Proposed Amount</i>
12. Ernest W. Kent, Jr., Instructor.....	67	2 333
13. 2.00 FTE Assistants.....	200	4 000
		(41 923)

**Slavic Languages and Literatures**

300 32 68 172 CC		
1. N. Moravcevic, Associate Professor and Head.....	100	\$ 5 400
2. Daniel LeVan, Assistant Professor.....	67	2 490
		(7 890)

**Sociology**

300 32 69 172 CC		
1. Robert L. Hall, Professor and Head.....	50	\$ 3 584
2. _____, Professor.....	100	6 834
3. Roger W. Little, Professor.....	100	5 100
4. William Erbe, Associate Professor.....	50	2 417
5. _____, Assistant Professor.....	100	3 634
6. _____, Instructor.....	100	3 634
7. 2.00 FTE Assistants.....	200	3 800
		(30 837)

**Spanish, Italian, and Portuguese**

300 32 72 172 CC		
1. Audrey L. Kouvel, Professor and Acting Head.....	33	\$ 2 056
2. Jose Sanchez, Professor.....	100	5 533
3. E. Betoret-Paris, Associate Professor.....	100	4 834
4. Donald Bartell, Instructor.....	100	3 067
5. Jose Buergo, Instructor.....	100	3 334
6. Lydia Z. Fernandez, Instructor.....	100	2 667
		(21 491)

**Speech and Theatre**

300 32 75 172 CC		
1. R. Victor Harnack, Professor and Head.....	100	\$ 6 767
2. Lawrence T. Frymire, Professor.....	50	3 333
3. Harry J. Skornia, Professor.....	100	7 000
4. Grace Holt, Associate Professor.....	50	2 333
5. Helen J. Hovde, Assistant Professor.....	100	3 667
		(23 100)

**Jane Addams Graduate School of Social Work**

300 68 10 172 CC		
1. Kenneth Krause, Assistant Professor.....	100	\$ 4 334
		(4 334)

**AWARD OF CERTIFIED PUBLIC ACCOUNTANT CERTIFICATES**

(3) The Committee on Accountancy recommends that the certificate of Certified Public Accountant be awarded to the following candidates who passed the standard written examination given in November, 1969, and who have fulfilled all other legal requirements under Sections 1, 2, and 3 of the Illinois Accountancy Act of 1943 as amended:

DONALD MATHIAS ADAMITIS, Chicago  
 ALBERT LEONARD ADELL III, Villa Park  
 KENNETH HENRY AGRESS, Oak Park  
 GERALD JAY ALGER, Chicago  
 ALAN STUART ALPORT, Chicago  
 RICHARD JOHN ANDERSON, Norridge  
 TERENCE GEORGE ANDREW, Glen Ellyn  
 CHARLES JOHN AUER, Chicago  
 ROBERT JAY BACHMAN, Champaign  
 ALLEN FRANKLIN BADNER, Chicago  
 ROGER CRANDALL BARNEY, Downers  
 Grove  
 THOMAS JOHN BARTON, Oak Park

REX EUGENE BATES, Mount Carmel  
 MAURICE FRANCIS BAX, Chicago  
 DALE EDWIN BEACHEY, Arthur  
 NOEL ALLEN BELL, Jr., Rome,  
 New York  
 ROBERT JAMES BENSON, Glenwood  
 FRANK JOHN BERESH, Chicago  
 GARY WAYNE BESCHORNER, Downers  
 Grove  
 PHILLIP LEE BILLIAM, Chicago  
 ARNOLD EUGENE BLAIR, Mattoon  
 MICHAEL SAUL BLECHMAN, Des Plaines  
 JOSEPH HALE BOBB, Chicago

RONALD JOEL BORDEN, Chicago  
 DEBORAH LOUISE BORDERS, Albuquerque,  
 New Mexico  
 JAMES JOSEPH BRADFORD, Chicago  
 FREDDIE BREITBERG, Chicago  
 IRA CHARLES BRENNER, Skokie  
 WILLIAM DANIEL BRODERICK, Western  
 Springs  
 ROBERT EDWARD BROOKS, Park Forest  
 STEPHEN ALAN BROST, Chicago  
 RALPH ALOYSIUS BROWN, Chicago  
 ROBERT OTTO BULSTER, Skokie  
 EDWARD MICHAEL BURGH, Evanston  
 CLARK WALKER CAMPBELL, Omaha,  
 Nebraska  
 LEROY THEODORE CARLSON, JR.,  
 Evanston  
 WILLIAM PAUL CARMICHAEL, Hinsdale  
 ELWYN SCOTT CARTER, Downers Grove  
 JOHN PAUL CASTRO, Merrionette Park  
 JAMES TRAVIS CAULEY, Decatur  
 NED EUGENE CHAPMAN, Morton  
 PAUL MICHAEL CHERPAK, Chicago  
 PHILLIP JOHN CIESLIK, Chicago  
 CARMINE JAMES CILELLA, Chicago  
 KEITH PHILLIP CLINGMAN, San Diego,  
 California  
 ROBERT RENICK COCKRELL, JR.,  
 La Grange  
 EUGENE FRANCIS CODER, Buffalo Grove  
 LAWRENCE MICHAEL COHEN, Champaign  
 TERRANCE JOSEPH COLEMAN, Chicago  
 JAMES LAWRENCE COOGAN, Chicago  
 MURPHY ROWE COOPER, Chicago  
 SHERWIN MARSHALL CORD, Chicago  
 FRANK ROBERT COSTABILE, Chicago  
 ROBERT EARL COUCH, Chicago  
 WILLIAM FLOYD COX, Schaumburg  
 JAMES LARRY CRANDALL, Chicago  
 JOHN ERNEST CRONKHITE, Riverdale  
 HARRY GUST DANDELLES, Evanston  
 WILLIAM ALFRED DEBES, Evanston  
 DWIGHT FRANCIS DELANEY, Glenwood  
 JOHN DWIGHT DELHEIMER, Joliet  
 JOHN THOMAS DELMORE, Chicago  
 CHARLES SEWARD DIEHL, Wilmette  
 JOHN RICHARD DIEHL, Skokie  
 WARREN JAY DIXON, Rockford  
 DANIEL MOHR DORR, JR., Oakbrook  
 NEIL JAMES DOUGHERTY, Oaklawn  
 JOSEPH DAVID DOWNS, Chicago  
 JAMES JOSEPH DOYLE, Niles  
 STEPHEN ARTHUR DUBEY, Chicago  
 MICHAEL ALFRED DUBUISSON, Normal  
 ROBERT EDWIN DUNLAP, La Grange  
 Park  
 RICHARD KENNETH EHLERS, Rockford  
 GENE CHARLES EMMONS, Lawrenceville  
 MICHAEL PETER FABRIZIUS, Maple Park  
 ROGER PHILIP FELDMAN, Skokie  
 YALE ALVIN FELDMAN, Palatine  
 DOUGLAS JAMES FELTEN, Chicago  
 MICHAEL ROBERT FIRESTEIN, Chicago

BRUCE HARLAN FISHER, Chicago  
 ROSEMARIE J. FLAHERTY, Champaign  
 GEORGE RICHARD FLYNN, Bloomington  
 FRANCIS THOMAS FOSTER, Chicago  
 DONALD EDMUND FRASER, Melrose Park  
 RONALD PETER FRERES, Des Plaines  
 JARVIS HALE FRIDUSS, Lincolnwood  
 ERROL MITCHELL FRIEDMAN, Skokie  
 PAUL HAROLD FRIES, La Grange Park  
 JAMES WILLIAM GARNER, Macon  
 DONALD FRANKLIN GEREN, Chicago  
 DANILO GIANNESCHI, Clarendon Hills  
 MARTIN JOSEPH GINNANE, North  
 Riverside  
 JAMES PATRICK GIRARD, Chicago  
 HENRY DAVID GISTENSON, Skokie  
 RONALD CARL GIZNIK, Des Plaines  
 THOMAS E. GLUNZ, Park Ridge  
 BARRY RAY GOLDBERG, Morton Grove  
 MICHAEL LEE GOMBERG, Chicago  
 SELWYN GOODMAN, Chicago  
 CHARLES WILLIAM GRAY, Collinsville  
 GERALD ARTHUR GRUBER, Hinsdale  
 WALTER THADDEUS GRYSKA, Chicago  
 ERNEST JOHN GYENES, Rolling Meadows  
 MILTON HARHEN, Downers Grove  
 ARTHUR ANTON HASS, Rock Island  
 JULIAN FRANKLIN HAYUM, Kankakee  
 PHILLIP ALLEN HAZENFIELD, Decatur  
 GORDON FLETCHER HEGWOOD, Chicago  
 ROBERT EDWIN HEHMEYER, JR., Decatur  
 ROYCE HARWORTH HEISKELL, Chicago  
 JAMES FREDRICK HERREN, Elgin  
 ALAN LEWIS HERSHEY, Chicago  
 MARC RICHARD HESSER, Skokie  
 GORDON JACK HILDEBRAND, Glen Ellyn  
 MICHAEL GLENN HINKLE, Rolling  
 Meadows  
 BRUCE JON HOESMAN, Glen Ellyn  
 CHRISTOPHER JOHN HOLIDAY, Downers  
 Grove  
 RICHARD WILLIAM HOLMES, Evanston  
 ROBERT HAROLD HOLMES, Pine Bluff,  
 Arkansas  
 THOMAS LEE HOOPS, Morton  
 JOHN JAMES HRISNEY, Chicago  
 PATRICK HENRY HUGHES, Evanston  
 DAVID MANNY ICKOVIC, Chicago  
 PAUL EDWARD IGNACEK, Berwyn  
 RALPH ARTHUR ISRAEL, Downers Grove  
 DOUGLAS CLARK JERGER, Elmhurst  
 RICHARD GEORGE JIRSA, Oak Park  
 DAVID RAYMOND JONTES, Champaign  
 FRED CHARLES KARBERG, JR., Rockford  
 GARY WAYNE KAUFMAN, Jacksonville  
 TERRENCE THOMAS KELLY, Chicago  
 WILLIAM BENNETT KENNEDY, Chicago  
 ROBERT MICHAEL KENOST, Bellwood  
 WILLIAM KEPRAIOS, River Grove  
 RICHARD JOHN KERKERING, Quincy  
 FRANK THOMAS KILEY, Chicago  
 JON CHARLES KINNEY, Stickney  
 MICHAEL JOE KIRK, Salem

ROGER ALLEN KITTELSON, La Grange  
 ROBERT BRUCE KNIGHT, Park Ridge  
 GERALD MELVYN KOLB, Des Plaines  
 LARRY BRUCE KOMINSKY, Chicago  
 MITCHELL LYNN KOTERMANSKI, Berwyn  
 RONALD THEODORE KOWALSKI, Elmwood  
 Park

RAYMOND LOUIS KRAUSE, Jr., Silvis  
 KENNETH MICHAEL KUEHNAU, Chicago  
 WILLIAM HOWARD LASUER, Aurora  
 FRANK PAUL LATINO, Jr., Elmwood  
 Park

ORVIL DON LAUHER, Jr., Oak Park  
 PAUL FRANCIS LAWLESS, Winnetka  
 RICHARD BARRY LAZAR, Chicago  
 HARRY JOSEPH LEDDY III, Joliet  
 THOMAS ALAN LEIPZIG, Evanston  
 DAVE HARTLEY LEMOINE, Phoenix,  
 Arizona

PAUL JAY LETWIN, Chicago  
 STEVEN IRWIN LEVINSON, Chicago  
 ROBERT LEVY, Chicago  
 MARILYN LILLIENFELD, Matteson  
 WILMER JAMES LITWILLER, Peoria  
 JEFFREY STEWART LITWIN, Chicago  
 KENNY LEROY LOQUIST, Macomb  
 ROGER ELLSWORTH LUMPP II, Fort  
 Knox, Kentucky

GREGORY BOYD LYKINS, Champaign  
 ROBERT WILLIAM LYNCH, Chicago  
 CHARLES ALLEN MACDONELL, Chicago  
 ROSS ARNOLD MAHACHEK, Glen Ellyn  
 JOHN FLETCHER MAJORS, Jr., Palatine  
 ROBERT JOHN MAKARSKI, Arlington  
 Heights

JOHN THOMAS MAKIS, Peoria  
 THOMAS BRIAN MALONE, La Grange  
 Park

G. JAMES MARMEL, Chicago  
 JAY DALE MARSH, Arlington Heights  
 HOWARD JOHN MARTENS, Chicago  
 RONALD MASKALUNAS, Hickory Hills  
 JAMES JOSEPH MATOUSEK, Niles  
 EUGENE HENRY MAURER, Jr., Waukegan  
 JOHN SYLVESTER MAURER, Chicago  
 PAUL GEORGE MAZZOCCO, Riverdale  
 DANIEL PATRICK MCCARTHY, Chicago  
 JOHN EDWARD MCENROE, Chicago  
 ARTHUR JAMES MCGIVERN, Chicago  
 MICHAEL MCGOVERN, Champaign  
 THOMAS JOSEPH MCGUIRE, Chicago  
 WARREN NEWTON McMILLEN, Jr.,  
 Chicago

JOHN JOSEPH MCNAMARA, Chicago  
 CHARLES JOSEPH MCNULTY, Chicago  
 TERRY LESTER MEYER, Collinsville  
 MARIA ANNA MICHALSKI, Bolingbrook  
 ROGER LEON MICHELS, Arlington  
 Heights

EUGENE JOSEPH MIDLOCK, Chicago  
 EUGENE HAROLD MILLER, Chicago  
 MELVIN RICHARD MILLER,  
 Mount Prospect

ALBERT LEE MITCHELL, Jr., Champaign  
 ROBERT FRANCIS MOLITOR, Evanston  
 JAMES JOSEPH MONROE, Evanston  
 JACK LESLIE MOORE, Chicago  
 JOHN WESLEY MORK, Joliet  
 ROY DAVID MORRIS, Chicago  
 PAUL GENTILE MOSS, Chicago  
 ROBERT CHARLES MUELLER, Palatine  
 WILLIAM LEON MUELLER, Marion  
 LANCE WESLEY MUNGER, Evanston  
 ERROL GARY NABB, Oak Park  
 KENNETH EDWARD NAGLEWSKI,  
 Woodridge

EDDIE BARTON NELSON, Arlington  
 Heights

CHARLES EDWIN NEWMAN, Chicago  
 DANIEL DOUGLAS NEWMAN, Oak Park  
 CHARLES RICHARD NICHOLAS,  
 Clarendon Hills

DONALD OTTO NIEMANN, Lombard  
 PAUL HENRY NYSTROM, Chicago  
 TIMOTHY DENNIS O'CONNOR, Chicago  
 JAMES MICHAEL OSEBOLD, Chicago  
 DONNA JEAN PALMER, Rockford  
 GREGORY THEODORE PALUBICKI,  
 Harwood Heights

LARRY GLEN PAULEY, Elmhurst  
 FRANK JAY PEARLMAN, Chicago  
 TIMOTHY MONNIER PETERSON, Chicago  
 GORDON BOYD PHILIP, Oak Park  
 CHARLES ROY PHILLIPS, Evanston  
 PAUL RIGGS PIERSON, Des Plaines  
 MELVIN JAY PINES, Evanston  
 DANIEL STEPHEN POWERS, Lemont  
 LEONARD RAYMOND PRANGE, Chicago  
 EARL PAINTER PRATT, Chicago  
 GARY RICHARD PREIS, Chicago  
 CHARLES MORGAN PRICE, Jr., Chicago  
 SHERIDAN L. PULLEY, Taylorville  
 KENNETH EDWARD RAPACZ, Chicago  
 FRANCIS JOHN REGAN, Country Club  
 Hills

RAYMOND EUGENE RIBORDY, Des Plaines  
 WILLIAM ROSS RICHARDS, East Moline  
 JAMES IRVIN RICKARD III, Lemont  
 KATHLEEN MARIE ROBERTSON,  
 Rock Island

DENNIS ALBERT ROGNESS, Glen Ellyn  
 ROBERT SAMUEL ROME, River Forest  
 DENNIS WILLIAM RONNING, Springfield  
 DAVID IRA ROSENTHAL, Carbondale  
 DAVID MARK ROSENTHAL, Chicago  
 DAVID MICHAEL ROSIN, Palos Hills  
 ROBERT MICHAEL ROSS, Cerro Gordo  
 LARRY BRUCE RUDMAN, Chicago  
 JAMES FRANCIS RYAN, Clarendon Hills  
 LAWRENCE HAROLD SABATH, Skokie  
 ROBERT LEE SAGADINE, Westmont  
 ROBERT ALLEN SANNAWALD, Chicago  
 GERALD MICHAEL SCHECHTER, Chicago  
 JAMES FRANK SCOTT, Oak Park  
 TERRIELL DOUGLAS SCRIMAGER,  
 Galesburg

ROBERT JAMES SELDER, Chicago  
 LAWRENCE IAN SERLIN, Chicago  
 DAVID FRANCIS SHANAHAN,  
   Schaumburg  
 DONALD WERNER SHARP, La Grange  
 THOMAS DALE SHERMAN, JR.,  
   Des Plaines  
 GARY STUART SHIFRIN, Chicago  
 DAVID ELI SHOUB, Mount Prospect  
 HERBERT CARL SIEG, Bloomington  
 LLOYD WILLIAM SIELBECK, Rosebud  
 LARRY RAY SILKWOOD, Kincaid  
 SHELDON EDWARD SILVER, Des Plaines  
 RICHARD ROY SIMMONS, Kankakee  
 MICHAEL JAY SINGER, Des Plaines  
 GEORGE WAYNE SKLENICKA, Lombard  
 RONALD LAWRENCE SLUTSKY, Chicago  
 SHARON MARIE SMITH, Chicago  
 WILLIAM SIDNEY SMITH, Addison  
 JOSEPH JOSHUA SOBEL, Des Plaines  
 FRANK PETER SOPRANO, Arlington  
   Heights  
 THEODORE JULIUS SORENSON, Aurora  
 ROBERT ANTHONY SORRENTINO,  
   Clarendon Hills  
 JOHN LANCASTER SPALDING, Chicago  
 FRANCIS MICHAEL SPATARO, Chicago  
 EUGENE JOSEPH STACHOWIAK, Chicago  
 KENNETH RUSSELL STAIR, Chicago  
 WILLIAM DAVENPORT STERRETT,  
   Mount Prospect  
 PETER WILLIAM STEVENS, JR., Chicago  
 JAY LAWRENCE STIEBER, Chicago  
 LARRY LENZ STITES, Chicago  
 JOHN KING STOECKERT, Chicago  
 JOSEPH ANTHONY STOJAK, Harvey  
 MICHAEL JOSEPH STYCZENSKI, Chicago  
 DIANE LYNN SULLIVAN, Chicago

THOMAS RICHARD SWAIN, Elgin  
 GERALD JOSEPH SWEAS, Chicago  
 FRANK MATTHEW SWEENEY,  
   Park Forest South  
 JOSEPH MICHAEL SWEENEY,  
   Buffalo Grove  
 MICHAEL BRIAN TALLON, Evanston  
 DONALD ALBERT THEESFELD, Chicago  
 DANIEL RICHARD THOMAS, Chicago  
 DONALD JOHN TODD, Dolton  
 JONAH TUCKER, Chicago  
 DENNIS JAMES TUREK, Northlake  
 ROBERT LEWIS TWADDELL, Schaumburg  
 VINCENT EDWARD VILLINSKI, Chicago  
 JOHN MARTIN WACHOWICZ, Cicero  
 LAURENCE PELZER WAGENER, Westmont  
 JAMES RONALD WALKER, Rolling  
   Meadows  
 JERRY EUGENE WALKER, Naperville  
 STEVEN WALLACH, Skokie  
 ARTHUR DEE WARADY, Lincolnwood  
 DON CHARLES WATTS, Elmhurst  
 LAURENCE MITCHELL WAXLER, Glencoe  
 ROBERT WAYNE WEGNER, Mount  
   Vernon  
 BURTON JAY WEISBERG, Des Plaines  
 DANIEL CHARLES WILLIAMS, Chicago  
 HENRY LOUIS WILSON, Chicago  
 JAMES HENRY WITTIG, Chicago  
 ABRAHAM WIZNITZER, Chicago  
 TERESA HELEN WOJCIK, Chicago  
 DONALD ANDERSON WOOD, Mount  
   Vernon  
 JAMES JOSEPH WOODS, Clarendon Hills  
 RICHARD EUGENE YEAGER, Evanston  
 MICHAEL JOSEPH ZOFKIE, Chicago  
 RICHARD ALFRED ZONA, Chicago  
   Heights

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 Certificate</i>
RAY JOSEPH BELISLE	Thiensville, Wisconsin	Wisconsin
DONALD LESTER FICK	St. Louis, Missouri	Missouri

I concur.

On motion of Mr. Clement, these certificates were awarded.

#### AMENDMENT OF REGULATIONS GOVERNING THE CERTIFICATE OF CERTIFIED PUBLIC ACCOUNTANT

(4) The University Committee on Accountancy has recommended changes in the University's regulations adopted by the Board of Trustees for administering the Illinois Accountancy Law. The Committee has also recommended that the regulations be codified to incorporate all amendments since the last printed publication of the regulations and to make certain editorial changes. If the changes are approved, the Committee plans to publish a new edition of the regulations and explanation for the guidance of candidates for examination.

I concur in the changes recommended as presented.



On motion of Mr. Clement, the committee recommended that the Board approve these changes at the annual meeting of the Board.

#### DEANSHIP OF STUDENT AFFAIRS, CHICAGO CIRCLE

(5) The Chancellor at the Chicago Circle campus has recommended the appointment of Oscar Miller, Acting Dean of Student Affairs since September 1, 1969, as Dean of Student Affairs, beginning March 1, 1970, on a twelve-month service basis, at an annual salary of \$23,000.

He will continue to hold the rank of Associate Professor of Economics on indefinite tenure.

The appointment will fill the vacancy which was created by the resignation of Dean Robert E. Corley. The recommendation is made after consultation with the staff of the Office of Student Affairs, the Deans' Council, the Administrative Council, and a special consultative committee.<sup>1</sup>

The Executive Vice President and Provost endorses this recommendation.

I recommend approval.

On motion of Mr. Swain, this appointment was approved.

#### APPOINTMENTS TO THE FACULTY

(6) 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; T—terminal appointment, accompanied with or preceded by notice of non-reappointment; W—one-year appointment subject to special written agreement; Y—twelve month's service required instead of two semesters; and X—percentages opposite X are for the academic year—full-time summer service is indicated by "S"; 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. DOROTHY L. DE BOER, Associate Professor of Special Education, beginning September 1, 1969 (Q), at an annual salary of \$14,500.
2. CHAYA ROTH, Assistant Professor of Counseling, Student Counseling Service, on one-half time, beginning December 15, 1969 (DY50), at an annual salary of \$7,500.
3. WILLIAM M. SUKEL, Assistant Professor of Management, College of Business Administration, beginning January 1, 1970 (1), at an annual salary of \$13,000.

#### Medical Center

4. DARIO GIACOMONI, Assistant Professor of Microbiology, College of Medicine, beginning January 1, 1970 (1Y), at an annual salary of \$13,750.
5. WILLIAM G. SHIPMAN, Assistant Professor of Oral Surgery, College of Dentistry, on one-fifth time, beginning March 1, 1970 (DY20), at an annual salary of \$3,500.
6. MILES STANDISH, Assistant Professor of Physiology, College of Medicine, beginning February 1, 1970 (1Y), at an annual salary of \$14,000.

<sup>1</sup> Mr. John D. McNec, Professor of History of Architecture and Art, Acting Head of the Department, *Chairman*; Dr. George C. Giles, Jr., Associate Professor of Education, Associate Dean, College of Education, and Acting Director, Urban Education Research, Chicago Circle; Mr. James C. Griggs, Jr., Assistant Professor of Education, Director of the Educational Assistance Program, Chicago Circle; Dr. Jan Rocco, Professor of Chemistry, Acting Dean of the Graduate College, Chicago Circle; Dr. John A. Schey, Professor of Metallurgy, Materials Engineering, Chicago Circle; Dr. Hugh G. Wales, Professor of Marketing, Business Administration, Chicago Circle; Dr. David C. Epperson, Dean of the College of Education and Professor of Education, Chicago Circle (resigned June 30, 1969); Susan Sundman, Student; Thomas Sandy, Student (graduated spring, 1969), Chicago Circle.

### Urbana-Champaign

7. CHIN-LONG CHEN, Research Assistant Professor of Electrical Engineering and in the Coordinated Science Laboratory, beginning January 1, 1970 (1), at an annual salary of \$11,000.
8. ARDEN T. CHRISTIANSEN, Assistant Professor of Soil Fertility in Agronomy, beginning January 1, 1970 (1Y), at an annual salary of \$12,700.
9. F. WILFRID LANCASTER, Associate Professor of Library Science, Graduate School of Library Science, beginning February 1, 1970 (Q), at an annual salary of \$18,000.
10. JOSEF SCHLIFF, Research Assistant Professor of Physics and in the Materials Research Laboratory, for the period from February 1, 1970, through August 31, 1970 (TY), at a salary of \$8,750.
11. JANE SYNGE, Assistant Professor of Sociology, on one-half time, for the second semester 1969-70 (D50), at a salary of \$3,000.
12. KOJI TAIRA, Professor of Economics, on two-thirds time, for the second semester 1969-70, and in Labor and Industrial Relations, on one-third time, for the second semester and full time during the summer 1970 (QX67;QX33;QS), at an annual salary of \$20,000.

### Visiting Staff

13. DON K. DALLING, Visiting Assistant Professor of Chemistry and Chemical Engineering, Urbana, for the period from December 16, 1969, through June 15, 1970 (E17), at a salary of \$1,200.
14. ALAN J. HOWSMON, Visiting Research Associate Professor of Physics, in the Department of Physics and in the Materials Research Laboratory, Urbana, for the period from February 1, 1970, through June 30, 1970 (G), at a salary of \$6,500.
15. HARRY SICHER, Visiting Professor of Oral Anatomy, College of Dentistry, on one-half time, beginning January 1, 1970 (DY50), at an annual salary of \$9,000.

On motion of Mr. Swain, these appointments were confirmed.

### RECOMMENDATIONS FOR SPECIAL CHANGES IN TUITION AND FEES

(7) The University Committee on Fees<sup>1</sup> submits the following recommendations:

1. That the fee of \$1.00 presently charged for postregistration changes in course programs be abolished. This proposal is endorsed by the Offices of Admissions and Records at all three campuses and by the Comptroller's Office. With the computerized system of registration, there are few program changes and the costs of collecting this fee are judged to exceed its benefits.
2. That a special fee of \$125 be charged for registration in Aviation 100 (Orientation to Aviation). This fee would be assessed to meet the special costs arising from flight instruction (operation of airplanes and flight simulator).
3. That the schedule (see March 18, 1970, minutes) of tuition and fees for the Medical Center campus be approved, effective for the fall of 1970.

The service fees are increased as follows: (a) \$48.00 per quarter for Medicine; (b) \$30.00 per quarter for Dentistry; (c) \$9.00 per quarter for all other students. The resident tuition rates are not changed; nonresident tuition is shown at the increased rate of \$100 per year already approved by the Board of Trustees.

4. That the tuition-and-fee charges for the Dental Assistant Program and the Dental Postgraduate Program be changed from their present special status to the following standard schedule:

	<i>Tuition</i>	<i>Building and Service Fee</i>	<i>Hospital- Medical- Surgical Fee</i>	<i>Total</i>
Resident.....	\$ 82 00	\$37 00	\$7 00	\$126 00/quarter
Nonresident.....	284 00	37 00	7 00	328 00/quarter

At present, these students are assessed "flat-rate" fees (dental assistants, \$350 per academic year; dental postgraduates, \$150 per quarter), with no distinction

<sup>1</sup> The membership of the University Committee on Fees is as follows: Lyle H. Lanier, *Chairman*; Joseph S. Begando; Herbert O. Farber; E. Eugene Oliver; Norman A. Parker; Jack W. Peltason.

between Illinois-resident and nonresident students. The proposed rates are those now assessed for a full-time program (Range I) for one quarter in the Colleges of Nursing and Pharmacy, the Graduate College, and the School of Associated Medical Sciences.

I concur.

On motion of Mr. Swain, the Committee recommended that the Board approve these changes at the annual meeting of the Board.

#### **APPROPRIATIONS FOR NONRECURRING EXPENDITURES, URBANA**

(8) After review by the Urbana-Champaign Committee on Nonrecurring Appropriations, the Chancellor recommends the following appropriations from the:

##### *Urbana-Champaign General Reserve*

Renovation and remodeling for which funds are assigned to the Department of Plant and Services:

Remodeling in Davenport Hall for the Department of Geography.....	\$23 650
Remodeling in Noyes Laboratory for the Department of Chemistry and Chemical Engineering.....	19 200
<i>Total, Urbana-Champaign General Reserve.....</i>	<i>\$42 850</i>

##### *Urbana-Champaign Contract Research Reserve — General*

Renovation and remodeling for which funds are assigned to the Department of Plant and Services:

Remodeling at 1201 West Nevada Street, Urbana, for the Institute of Government and Public Affairs.....	\$15 400
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The Executive Vice President and Provost and the Vice President and Controller concur.

I recommend approval of these appropriations.

On motion of Mr. Clement, these appropriations were made by the following vote: Aye, Mr. Clement, Mr. Hughes, Mr. Swain; no, none; absent, none.

#### **CONTRACTS FOR REMODELING IN SECOND UNIT OF THE DENTISTRY-MEDICINE-PHARMACY BUILDING. MEDICAL CENTER**

(9) The President of the University, with the concurrence of appropriate administrative officers, recommends award of the following contracts for remodeling in the Second Unit of the Dentistry-Medicine-Pharmacy Building at the Medical Center campus for the Department of Pathology, the award in each case being on the low base bid.

General — Vee See Construction Company, Inc., Chicago.....	\$11 041
Plumbing — Chas C Breyer Co., Chicago.....	6 400
Heating and Process Piping — Admiral Heating & Ventilating, Inc., Hillside.....	5 445
Ventilation — Reliable Sheet Metal Works, Inc., Elk Grove Village.....	1 399
Electrical — G & M Electrical Contractors Co., Chicago.....	4 932
Laboratory Equipment — Kewanee Technical Furniture Company, Evanston.....	21 192
<i>Total.....</i>	<i>\$50 409</i>

It is further recommended that all contracts other than the contract for the general work be assigned to the contractor for the general work, making the total of its contract \$50,409, and that an agreement be entered into with the Vee See Construction Company, Inc., for assignment of the other contracts. The amount bid by Vee See Construction Company, Inc., for the supervision of the other contracts assigned to the general contractor is included in the base bid for general work.

Funds for this work are available in an appropriation made by the Board of Trustees on July 23, 1969.

Submitted herewith is a schedule of bids received, a copy of which is being filed with the Secretary of the Board for record.

On motion of Mr. Swain, these contracts were awarded by the following vote: Aye, Mr. Clement, Mr. Hughes, Mr. Swain; no, none; absent, none.

**CONTRACTS FOR REMODELING IN RESEARCH AND LIBRARY UNIT  
OF THE DENTISTRY-MEDICINE-PHARMACY BUILDING,  
MEDICAL CENTER**

(10) The President of the University, with the concurrence of appropriate administrative officers, recommends award of the following contracts for remodeling five rooms in the Research and Library Unit of the Dentistry-Medicine-Pharmacy Building at the Medical Center campus for the Department of Biological Chemistry, the award in each case being on the low base bid.

General — Vee See Construction Company, Inc., Chicago.....	\$13 566
Plumbing — Peter H. Smith Company, Chicago.....	4 660
Heating and Process Piping — Peter H. Smith Company, Chicago.....	5 360
Ventilation — Reliable Sheet Metal Works, Inc., Elk Grove Village.....	3 747
Electrical — Sam Schaeffer Co., through its Division Schaeffer Electric Co., Chicago.....	5 721
Laboratory Equipment — J. J. Lane Equipment Co., Chicago.....	15 497
<i>Total</i> .....	<b>\$48 551</b>

It is further recommended that all contracts other than the contract for the general work be assigned to the contractor for the general work, making the total of its contract \$48,551, and that an agreement be entered into with the Vee See Construction Company, Inc., for assignment of the other contracts. The amount bid by Vee See Construction Company, Inc., for the supervision of the other contracts assigned to the general contractor is included in the base bid for general work.

Funds for this work are available in an appropriation made by the Board of Trustees on July 23, 1969.

Submitted herewith is a schedule of bids received, a copy of which is being filed with the Secretary of the Board for record.

On motion of Mr. Clement, these contracts were awarded by the following vote: Aye, Mr. Clement, Mr. Hughes, Mr. Swain; no, none; absent, none.

**CONTRACT FOR METAL LABORATORY FURNITURE FOR MEDICAL  
RESEARCH LABORATORY ADDITION, MEDICAL CENTER**

(11) The President of the University, with the concurrence of appropriate administrative officers, recommends award of a contract in the amount of \$52,570 to NII Laboratory Furniture, Inc., Elmhurst, the low bidder, for furnishing and installing metal laboratory furniture in the Medical Research Laboratory Addition at the Medical Center campus.

Funds for this work are available in state capital appropriations to the University and have been released by the Governor.

On motion of Mr. Swain, this contract was awarded by the following vote: Aye, Mr. Clement, Mr. Hughes, Mr. Swain; no, none; absent, none.

**CONTRACT FOR SEAMLESS RESILIENT FLOORING FOR MEDICAL  
RESEARCH LABORATORY ADDITION, MEDICAL CENTER**

(12) The President of the University, with the concurrence of appropriate administrative officers, recommends award of a contract in the amount of \$52,675 to Haseck-Melville Corporation, Chicago, the low bidder, for the purchase and installation of seamless resilient flooring in the Medical Research Laboratory Addition at the Medical Center campus.

Funds for this work are available in state capital appropriations to the University and have been released by the Governor.

On motion of Mr. Clement, this contract was awarded by the following vote: Aye, Mr. Clement, Mr. Hughes, Mr. Swain; no, none; absent, none.

**CONTRACTS FOR EMERGENCY POWER GENERATOR AND  
ASSOCIATED EQUIPMENT FOR UNIVERSITY OF  
ILLINOIS HOSPITAL, MEDICAL CENTER**

(13) The President of the University, with the concurrence of appropriate administrative officers, recommends the award of the following contracts for a gas-engine-driven generator and associated equipment for emergency power in selected areas of the University of Illinois Hospital, the award in each case being on the low base bid.

Electrical — G & M Electrical Contractors Co., Chicago.....	\$25 434
Process Piping — Admiral Heating and Ventilating, Inc., Hillside.....	3 622

Funds for this work are available in the state capital appropriations to the University for FY 1970 and have been released by the Governor.

Submitted herewith is a schedule of bids received, a copy of which is being filed with the Secretary of the Board for record.

On motion of Mr. Clement, these contracts were awarded by the following vote: Aye, Mr. Clement, Mr. Hughes, Mr. Swain; no, none; absent, none.

**AGREEMENT WITH COMMONWEALTH EDISON COMPANY FOR  
ELECTRIC SERVICE TO COLLEGE OF DENTISTRY  
BUILDING, PHASE I, MEDICAL CENTER**

(14) The President of the University, with the concurrence of appropriate administrative officers, recommends execution of an agreement with the Commonwealth Edison Company, Chicago, to install primary feeders, transformers, and control equipment at a total cost of \$12,244 to serve the College of Dentistry Building, Phase I, now being constructed at the Medical Center campus.

Funds are available in a grant received from the Commonwealth Edison Company.

On motion of Mr. Swain, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Hughes, Mr. Swain; no, none; absent, none.

**CONTRACTS FOR UNDERGROUND CONDUIT AND PIPING WORK FOR  
STEAM SERVICE FOR INTRAMURAL-PHYSICAL EDUCATION  
BUILDING AND FREER GYMNASIUM, URBANA**

(15) The President of the University, with the concurrence of appropriate administrative officers, recommends award of the following contracts for the projects listed, the award in each case being on the low base bid.

<i>Project</i>	<i>Contractor</i>	<i>Amount</i>
Concrete conduit and piping work for steam service to the Intramural-Physical Education Building (P-67)	Kuhne-Simmons Co., Inc., Champaign	\$19 900
Piping work for steam service to Freer Gymnasium (P-68)	Bellis & Miller, Inc., Champaign	21 949

Funds for these projects are available in state capital appropriations to the University and have been released by the Governor.

On motion of Mr. Clement, these contracts were awarded by the following vote: Aye, Mr. Clement, Mr. Hughes, Mr. Swain; no, none; absent, none.

**REQUEST TO ILLINOIS BUILDING AUTHORITY FOR SITE  
DEVELOPMENT AND LANDSCAPING, PSYCHOLOGY  
LABORATORY, URBANA**

(16) The President of the University, with the concurrence of appropriate administrative officers, recommends that the Illinois Building Authority be requested to award a contract in the amount of \$34,409.62 to Wandell's Twin City Landscape Service, Inc., Urbana, the low base bidder, for site development and landscaping for the Psychology Laboratory at the Urbana-Champaign campus.

Funds are available in the project budget.

On motion of Mr. Swain, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Hughes, Mr. Swain; no, none; absent, none.

**CHANGE ORDER — COMPUTER LEASE/ACQUISITION**

(17) The University Office of Administrative Data Processing has reviewed the increased requirements for computing equipment at the Chicago Circle campus. It has been concluded by appropriate staff personnel and approved by the administrative officers concerned that the leased 360/50 CPU system soon to be released by the Computer Science Laboratory in Urbana, with certain modifications, can be advantageously used at the Chicago Circle campus since it will be operationally compatible with other administrative data processing equipment on the Urbana-Champaign campus.

The Urbana-Champaign Department of Computer Science is in the final stages of changes in computer equipment (approved by the Board of Trustees May 21, 1969) which will cause the removal of the IBM System 360 Model 50 Central Processing Unit from University lease agreements with IBM dated February 13, 1964.

The International Business Machines Corporation has proposed a change order in our existing agreement for IBM machine service (lease agreement) which would permit the University to transfer the 360/50 CPU system being removed from the Urbana-Champaign campus to the Chicago Circle campus. Based upon an anticipated transfer date of April 1, 1970, the University could acquire title to the 360/50 CPU at a total cost of \$340,798.57 with payments spread over a five-year period, said payments to be subject to the availability of funds in accordance with the following schedule:

Fiscal Year 1970.....	\$ 14 832 07
Fiscal Year 1971.....	77 470 26
Fiscal Year 1972.....	74 350 65
Fiscal Year 1973.....	71 231 04
Fiscal Year 1974.....	68 111 43
Fiscal Year 1975.....	34 803 12
	<u>\$340 798 57</u>

In addition, the University will pay \$27,060.00 for maintenance over the five-year period.

The net result of this change order will be to effect a total savings over the five-year period of \$258,436.43, provide for prompt conversion and installation at the Chicago Circle campus and at the end of said period title of the equipment will be vested in the University.

Funds are available in the regular operating budget generated from charges to those departments using the computer.

The President of the University, with the concurrence of appropriate administrative officers, recommends that the Board authorize the Comptroller and Secretary of the Board of Trustees to accept the proposal of the IBM Corporation as outlined above and to execute such contracts, change orders, or other appropriate documents as may be necessary to acquire title of the Central Processing Unit in accordance with the plan herein described.

On motion of Mr. Clement, the Committee recommended that the Board approve these changes at the annual meeting of the Board.

### **EQUIPMENT USAGE GRANT FOR THE COMPUTER-BASED EDUCATION RESEARCH LABORATORY, URBANA**

(18) The University proposes to submit to Control Data Corporation a proposal requesting support for a program of research and development at the Computer-based Education Research Laboratory of the Urbana-Champaign campus. Under the terms of this proposal, Control Data will provide partial support (totaling \$1.3 million over a five-year period) for a 6400 computing system. The net leasing charge to the University for this system over this period is \$1,930,000. Applications are in process for funding this amount from other than state appropriations. This large computing system will be a key element in the development and operation of the PLATO IV system, the first phase of which will serve as many as 1,000 student consoles. This will make possible a major demonstration of the economic and educational feasibility of this promising new medium.

The Control Data 6000-series computer systems are uniquely suited to the PLATO system application; using the PLATO software design, these computers will make possible rapid responses to concurrent student inquiries from hundreds (or thousands) of student stations. A careful survey revealed that no other commercially available computer system can perform the rapid transfer rates necessary for this application.

Under the terms of the grant, the University of Illinois would (1) enter into a five-year lease of the Control Data 6400 system at the reduced rate, (2) develop the necessary software systems to operate the hardware configuration of the PLATO IV system, (3) make available to Control Data under appropriate licensing arrangements sufficient documentation to permit the installation and operation of the software systems, and (4) provide to Control Data information concerning associated hardware designs, developments, and innovations with reference to peripheral computer equipment, communications systems, and student consoles. Concurrent with the above grant, Control Data Corporation would enter into licensing agreements with the University or the University of Illinois Foundation covering the hardware and software for PLATO systems and providing for substantial royalty payments by Control Data. Under the proposed terms, royalty payments on the PLATO hardware patents would begin after thirty PLATO systems are sold. If, during the course of the lease, twenty PLATO systems are sold, title to the computer system will transfer to the University of Illinois without further lease payments. The proposed terms of these licensing agreements are outlined in the summary (see below); the execution of the lease contract would be contingent on the successful completion of appropriate licensing agreements and upon receipt of funds which may be specially and properly applied to lease rentals.

With the concurrence of the appropriate administrative officers, I recommend that the Vice President and Comptroller and the Secretary be authorized to execute such agreements as are necessary to enter into the grant and lease arrangements, subject to such further action by the State Board of Higher Education as might be required.

On motion of Mr. Swain, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Hughes, Mr. Swain; no, none; absent, none.

### **Summary of Proposed License Agreements**

Although some changes may be anticipated in the course of finalizing the agreements, the substantive terms are as follows:

#### **A. The Hardware License Agreement**

1. CDC shall be granted a nonexclusive license to manufacture and sell hardware invented or developed in the PLATO program;
2. Royalty payments on licensed apparatus involving the PLATO system and associated equipment shall be based on the number of student consoles (together with associated peripheral hardware) sold; the royalty rate shall be 2 per cent of the total selling price of the consoles;
3. No royalty payments shall be paid on the first 30 PLATO systems; a PLATO system typically would have 250 or more consoles;
4. The University shall make available technical information necessary for the practice, manufacture, and use of the inventions;

5. The specified royalty rate shall be in effect for five years, and shall be renegotiated after five years and the licenses shall be in effect for the life of the patents.

**B. The Software License Agreement**

1. CDC shall be granted a nonexclusive license to use, duplicate, and sublicense the software developed in the PLATO program;
2. CDC shall pay as royalties for the granted license 40 per cent of the payments received (item B-3) by CDC for use of the software at each PLATO installation;
3. The software charges for each PLATO system shall entail monthly payments of \$1,000 to \$4,000, the rate within this range depending on the number of student consoles on a given system;
4. Mechanisms shall be provided for training CDC personnel in the use of the software system.

**AGREEMENT FOR DATA SYSTEMS ENGINEERING SERVICES  
FOR THE DEPARTMENT OF COMPUTER SCIENCE, URBANA**

(19) Until recently the International Business Machines Corporation leased equipment which included free systems software (program) services. However, the lease cost and systems engineering services have been separated as a result of federal antitrust actions.

Since the University leases and/or owns IBM computer systems, it is necessary to acquire certain technical assistance from the IBM Corporation under a systems engineering service agreement in order to efficiently develop or complete the development of new software programs and adapt them to operations in the IBM 360 system.

The Department of Computer Science requires technical assistance to adapt existing programs to IBM equipment which can most economically be obtained from the IBM Corporation.

The proposed ARAMIS (Automatic Remote Access Multi-programmed Illinet System) system provides for an automatic scheduling system for students, researchers, and staff. The basic system has been designed by the staff of the Computer Science Department; however, technical engineering services are required from the manufacturer of the computer equipment (IBM) to effectively and efficiently orient the ARAMIS program for use with the 360 computer system.

It is estimated that approximately 270 hours of skilled programmer assistance is required during a period of one year to advise and assist the DCL personnel in developing the special computer programs using the IBM 360 hardware and operating systems already in use. The hourly rate for this service is \$35.00, for a total estimated expenditure of \$9,450, subject to the need and the availability of funds.

The President of the University, with the concurrence of appropriate administrative officers, recommends that the Board authorize the Comptroller and the Secretary of the Board of Trustees to execute such contracts or other appropriate documents, as may be necessary to engage the IBM technical services required.

On motion of Mr. Swain, authority was given as recommended by the following vote: Aye, Mr. Clement, Mr. Hughes, Mr. Swain; no, none; absent, none.

**AGREEMENT FOR DATA SYSTEMS ENGINEERING SERVICES FOR THE  
UNDERGRADUATE LIBRARY CIRCULATION SYSTEM, URBANA**

(20) Until recently the International Business Machines Corporation leased equipment which included free systems software (program) services. However, the equipment lease and systems engineering services costs have been separated.

Since the University leases and/or owns IBM computer equipment, it is necessary to acquire certain technical assistance from the IBM Corporation under a systems engineering service agreement in order to efficiently develop and/or implement new software (programs).

The Urbana-Champaign Library is planning new and improved techniques to solve operational problems associated with the Undergraduate Library Circulation System.

Neither the Library nor the University has the available expertise to carry out the feasibility, planning, and implementation of software (programs) to be used in the Office of Administrative Data Processing.



The IBM Corporation has assisted other University and public library agencies in developing and implementing circulation systems. This expertise can be utilized through an IBM technical engineering service contract to develop an improved Undergraduate Library Circulation System.

It is recommended that a program be authorized to contract for the following technical services:

		<i>Estimated Hours</i>	<i>Hourly Rate</i>	<i>Estimated Total</i>
Phase I:	Feasibility Study.....	132	\$28 00	\$3 696 00
Options:	Subject to the need and availability of funds			
Phase II:	Application Design and Development.....	264	28 00	7 392 00
Phase III:	On-line Circulation Control System.	264	28 00	7 392 00

The President of the University, with the concurrence of appropriate administrative officers, recommends that the Board authorize the Comptroller and the Secretary of the Board of Trustees to execute such contracts or other appropriate documents as may be necessary to engage the IBM technical engineering services required.

On motion of Mr. Clement, authority was given as recommended by the following vote: Aye, Mr. Clement, Mr. Hughes, Mr. Swain; no, none; absent, none.

#### RENEWAL OF CONTRACT WITH OZARK AIR LINES

(21) The Director of the Institute of Aviation and the Vice President and Comptroller recommend renewal of the lease with Ozark Air Lines, Inc. for the use of the University of Illinois-Willard Airport for five years, effective July 1, 1969, on the following terms:

1. Airport Use Fee (called Landing Fee in preceding contract) — 2 per cent of the gross on-line revenues generated in Champaign-Urbana, Illinois, with a stipulated minimum payment of \$1,200 per month (minimum of \$14,400 per year).
2. Supplies, equipment, tools, or the use thereof — University's current retail price.
3. Space and equipment rental:
  - a. Office space — \$4 per square foot per year. A total of 1755 square feet is assigned to Ozark, making the annual rental \$7,020.
  - b. Storage space — 100 square feet at \$1 per square foot per year or \$100 per year.
  - c. Radio Transmitter Room — 32 square feet at \$60 per year.
  - d. Use of loudspeaker — \$10 per month or \$120 per year.
  - e. Out-Station maintenance space in the Terminal Building basement — 150 square feet at \$3 per square foot per year or \$450 per year.

I concur.

On motion of Mr. Swain, this recommendation was approved.

#### PURCHASES

(22) The President submitted, with his concurrence, a list of purchases recommended by the Directors of Purchases and the Vice President and Comptroller; also purchases authorized by the President.

The list of purchases was presented in two categories: purchases from appropriated funds (i.e., from state appropriations to the University) and purchases from institutional funds. The latter term designates funds received by the University under contracts with the United States government, contracts with private corporations and other organizations, funds from foundation grants, and grants from corporations and other donors, and University revolving funds authorized by law.

The total amounts of these purchases were:

*From Appropriated Funds*

Recommended ..... \$343 951 72

*From Institutional Funds*

Authorized.....	9 980 00
Recommended .....	578 539 34
<i>Total</i> .....	\$588 519 34
<i>Grand Total</i> .....	\$932 471 06

A complete list of the purchases, with supporting information, including the quotations received, was sent to each member of the Board in advance of the meeting, and a copy is being filed with the Secretary of the Board for record.

On motion of Mr. Clement, the purchases authorized by the President were approved, and the purchases recommended were authorized.

**COMPTROLLER'S REPORT OF PURCHASES APPROVED**

(23) The Vice President and Comptroller also submitted a report of purchases approved by him on recommendation of the Directors of Purchases in amounts of \$5,000 to \$7,500. A copy of this report is filed with the Secretary.

This report was received for record.

**COMPTROLLER'S MONTHLY REPORT OF CONTRACTS EXECUTED**

(24) The Comptroller's report of contracts executed was presented.

**Medical Center***New Contracts*

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
State of Illinois Department of Mental Health:		
17-23	Psychosomatic differentiation in infancy	\$ 48 000
17-130	Relationship of neonatal hypoglycemia to neurological damage in prematurely born infants	44 098
17-237	Immunologic diagnosis of intrauterine infection and its relationship to congenital cerebral abnormalities and mental retardation	30 820
17-344	Fetal and neonatal asphyxia; adverse effects on the distribution of blood flow to the brain and their correction	45 551
State of Illinois Department of Public Health	Effect of nitrates in drinking water on fetal and infant morbidity and mortality rates	25 000
<i>Total</i>		<u>\$193 469</u>

**Urbana-Champaign***New Contracts*

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
State of Illinois Department of Aeronautics 70-A-12-503	Improvements at University of Illinois-Willard Airport	\$200 000
United States Department of Health, Education, and Welfare OEC-0-9-230492-4545	Behavioral objectives in English, grades 9-12	250 000
<i>Total</i>		<u>\$450 000</u>

*Change Orders*

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
United States Air Force:		
AF-AFOSR-272-67	Electromagnetic properties of materials in the infrared-submillimeter range	34 686
AF-AFOSR-390-67	Modulation and demodulation of coherent optical radiation	25 000
United States Atomic Energy Commission AT(11-1)-790	Ribonucleic acid in the accumulation of ions by plant cells	67 500
<i>Total</i>		<u>\$127 186</u>

**Summary**

Amount to be paid to the University:

Medical Center.....	\$193 469
Urbana-Champaign.....	577 186
<i>Total</i> .....	<u>\$770 655</u>

This report was received for record.

**INVESTMENT REPORT****For the Month of December, 1969****Report of the Finance Committee**

(25) The Finance Committee reported the following changes in investments of endowment funds:

*Beckwith*

Purchase:	<i>Per Cent</i>	
\$ 7 000 U.S. Treasury bills due 5/31/70.....	7.20	\$ 6 793 36

*Goldberg*

Purchase:	
\$ 2 000 Walter E. Heller demand notes.....	2 000 00

*Pool*

Sales:	
\$ 93 000 Associates Investment demand notes.....	\$ 93 000 00
75 000 Commercial Credit demand notes.....	75 000 00
2 272 shares Cincinnati Gas and Electric common stock.....	59 640 00
2 000 rts Mortgage Trust Company.....	7 82

Purchase:	
\$ 80 000 Commercial Credit demand notes.....	\$ 80 000 00

**Report of the Comptroller**

The Comptroller reported the following changes in investments of current and unexpended plant funds, which he has been authorized to make:

*Current Funds**Medical Service Plan (Medical Center)*

Purchases:	<i>Per Cent</i>	
\$ 55 000 First National Bank demand notes.....		\$ 55 000 00
50 000 U.S. Treasury bills due 3/26/70.....	5.60	49 076 36
235 000 Jim Walter notes due 4/15/70.....	9.03	227 688 99
150 000 Colorado Interstate note due 7/10/70.....	8.90	140 613 02

*Restricted Group*

Sale:	
\$1 000 000 Atlantic Richfield note due 2/9/70.....	986 500 00

Purchases:			
\$ 500 000	Commodity Credit 8½ per cent notes due 1/15/70.....	8.59	500 000 00
1 000 000	Atlantic Richfield note due 2/9/70.....	9.13	986 250 00
1 000 000	Atlantic Richfield note due 2/9/70.....	9.22	989 861 11
1 000 000	Stokely Van Camp note due 2/16/70.....	9.03	982 003 47
500 000	Colorado Interstate note due 2/18/70.....	8.90	491 493 06
1 000 000	Standard Oil of Indiana note due 3/3/70.....	8.82	978 437 50
1 000 000	Cargill note due 3/4/70.....	8.93	979 583 33
500 000	Republic Steel note due 3/16/70.....	9.19	489 750 00
500 000	Amoco Credit note due 4/1/70.....	9.24	486 875 00
500 000	Colorado Interstate note due 4/1/70.....	9.24	486 875 00
1 000 000	Caterpillar Tractor note due 4/3/70.....	9.35	975 920 14
1 000 000	Avco Delta note due 4/6/70.....	9.48	975 333 33

*Restricted (Chicago Circle)*

Purchases:	Per Cent	
\$ 45 000 Associates Investment demand notes.....		45 000 00
250 000 Amoco Credit notes due 1/15/70.....	8.95	247 904 51
309 000 Cargill notes due 1/15/70.....	8.81	306 821 98
600 000 Bell and Howell notes due 1/16/70.....	8.97	593 787 50

*Plant Funds**Bonds of 1964 Auxiliary (Medical Center)*

Purchase:		
\$120 000 U.S. Treasury bills due 1/31/70.....	6.70	118 586 83

*Dentistry-Medicine-Pharmacy Auxiliary (Medical Center)*

Purchases:		
\$102 000 U.S. Treasury bills due 3/12/70.....	7.59	100 246 33
7 500 U.S. Treasury 4 per cent notes due 8/15/72.....		6 904 69

*Kranert Contributions*

Purchase:		
\$240 000 Boise Cascade Home and Land 7 per cent due 6/30/76.....		240 000 00

*Sinking Funds**Bonds of 1964 (Medical Center)*

Purchase:		
\$52 000 U.S. Treasury bills due 5/7/70.....	7.42	50 300 07

*Dentistry-Medicine-Pharmacy Building (Medical Center)*

Purchases:		
\$25 000 U.S. Treasury bills due 3/26/70.....	7.35	24 397 50
20 000 U.S. Treasury bills due 3/26/70.....	7.30	19 625 94

This report was received for record.

**QUARTERLY REPORT OF THE COMPTROLLER**

(26) The Comptroller presented his quarterly report to the Board as of December 31, 1969.

This report was received for record, and a copy has been filed with the Secretary of the Board.

**HONORARY DEGREES**

(27) The University Senates have recommended that honorary degrees be conferred upon the following and on the occasions indicated.

**Medical Center**

WARREN H. COLE, Professor *Emeritus* and former Head of the Department of Surgery, University of Illinois College of Medicine, the degree of Doctor of Science, to be conferred at the Commencement Exercises on June 12, 1970.

**Chicago Circle**

PAUL H. DOUGLAS, educator and former United States Senator, the degree of Doctor of Laws, to be conferred at the Commencement Exercises on June 14, 1970.

JOHN HOPE FRANKLIN, Professor of History, University of Chicago, the degree of Doctor of Humane Letters, to be conferred at the Commencement Exercises on June 14, 1970.

**Urbana-Champaign**

MAX ABRAMOVITZ, Architect, the Degree of Doctor of Fine Arts, to be conferred at the Commencement Exercises on June 20, 1970.

ROBERT W. HOLLEY, biochemist, the degree of Doctor of Science, to be conferred at the Commencement Exercises on June 20, 1970.

W. McNEIL LOWRY, Vice President, Ford Foundation, the degree of Doctor of Letters, to be conferred at the Commencement Exercises on June 20, 1970.

ROGER L. STEVENS, Chairman, National Council on the Arts, the degree of Doctor of Letters, to be conferred at the Honors Day ceremonies on May 1, 1970.

I concur in the recommendations of the Senates.

On motion of Mr. Swain, these degrees were authorized as recommended.

#### SEPARATE FUND TO PROVIDE FINANCIAL AID, URBANA

(28) The severity of recent cutbacks in funding for financial aid threatens the opportunities for higher education of large numbers of needy students. Cognizant of the effects that such a condition will have upon their schoolmates, students at the Urbana-Champaign campus developed a plan to help alleviate the stress of financial shortages.

By a 14,879 to 5,025 vote, the students agreed to assess themselves two dollars (\$2.00) per student each semester for the purpose of providing financial aid funds for needy classmates. The referendum provided for the refunding of the two-dollar assessment to those students who desired it. An implication of the vote is the principle of having the assessment matched by the General Assembly.

From the collected funds, the Financial Aid Office at Urbana will make grants to students who qualify for assistance under University rules and regulations for determining need.

In the light of the vote of the students and consistent with the spirit of that vote, and on recommendation of the Chancellor, I request approval in principle of the creation of a separate fund for the purposes stated, formal action thereon to be deferred until the March, 1970, meeting of the Trustees; and approval of the immediate submission of a request to the State Board of Higher Education for a supplemental budget increase in line with the proposal.

On motion of Mr. Swain, approval was given as requested.

#### MEMORIAL TO MRS. HELEN M. GRIGSBY

Mr. Swain presented the following:

The Board of Trustees of the University of Illinois records with profound sorrow the death on February 9, 1970, of Mrs. Helen M. Grigsby, a former member of this Board.

Active in many statewide organizations, Mrs. Grigsby served as department president of the Women's Relief Corps in 1932, as state vice regent of the Daughters of the American Revolution, and as a member of the Illinois Society of Mayflower Descendants, the Colonial Dames of America, and the Eastern Star.

Like her ancestors who migrated to the area in 1820 and helped found Pittsfield, she was also active in politics, serving as a delegate to the Republican National Convention in 1928 and 1932.

Although she did not attend the University of Illinois, she was devoted to the task of being a trustee and was very active in the work of Board committees. Her terms as Trustee, from 1921 to 1933 and from 1941 to 1947, covered a period when travel was not easy, but she seldom missed a meeting of the Board. As an ex officio member of the University of Illinois Citizens Committee, Mrs. Grigsby continued her interest in the affairs of the University after her terms as Trustee were ended.

This memorial is presented for the public record as a tribute to a former colleague and a devoted citizen, and an expression of sympathy to her family.

This memorial was adopted by a standing vote.

#### DEGREES CONFERRED

The Secretary presented for record the following list of degrees conferred at the Urbana-Champaign campus on February 16, 1970.

##### Summary

Graduate College	
Doctor of Philosophy.....	159
Doctor of Education.....	15
Doctor of Musical Arts.....	3
Master of Arts.....	98

Master of Science.....	304
Master of Music.....	5
Master of Education.....	80
Master of Social Work.....	49
Master of Television.....	1
Master of Architecture.....	2
Master of Accounting Science.....	8
Master of Business Administration.....	6
Master of Commerce.....	2
Master of Comparative Law.....	2
Master of Extension Education.....	1
Master of Landscape Architecture.....	4
Master of Urban Planning.....	1
Master of Laws.....	1
Advanced Certificate.....	12
<i>Total, Graduate College.....</i>	<i>(753)</i>
College of Agriculture	
Bachelor of Science.....	79
College of Engineering	
Bachelor of Science.....	285
College of Liberal Arts and Sciences	
Bachelor of Arts.....	245
Bachelor of Science.....	136
<i>Total, College of Liberal Arts and Sciences.....</i>	<i>(381)</i>
College of Law	
Juris Doctor.....	14
College of Education	
Bachelor of Science.....	75
College of Commerce and Business Administration	
Bachelor of Science.....	152
College of Communications	
Bachelor of Science.....	32
College of Fine and Applied Arts	
Bachelor of Architecture.....	43
Bachelor of Arts.....	1
Bachelor of Fine Arts.....	43
Bachelor of Landscape Architecture.....	1
Bachelor of Music.....	7
Bachelor of Science.....	10
Bachelor of Urban Planning.....	4
<i>Total, College of Fine and Applied Arts.....</i>	<i>(109)</i>
College of Physical Education	
Bachelor of Science.....	25
<i>Total, Degrees Conferred at the Urbana-Champaign Campus.....</i>	<i>1,905</i>

## GRADUATE COLLEGE

## Degree of Doctor of Philosophy

*In Accountancy*

CHARLES DAVID BARON, B.S., Southwest Missouri State College, 1962; A.M., University of Missouri, 1963

ANDREW AMIL HARRIED, B.A., Hastings College, 1962; M.A.S., 1964

HUEY NELSON LUNN, B.S.B.A., M.S., University of Tennessee, 1952, 1959

*In Aeronautical and Astronautical Engineering*

ALBERT GEORGE BENNETT, JR., B.S., Mississippi State University, 1959; M.S., 1964

JOHN STEPHEN KIRBY, B.S., M.S., 1964, 1967

SURYANARAYANIAH RAJAN, B.E., University of Mysore, 1961; M.E., Indian Institute of Science, 1963

*In Agricultural Economics*

PETER JAMES BARRY, B.S., M.S., 1963, 1964

SHRIDHAR PRASAD PANT, B.Sc.Ag., M.Sc., Agra University, 1945, 1948  
 JAMES DWIGHT SULLIVAN, B.Sc.Agr., M.Sc., Ohio State University, 1965, 1966

*In Agricultural Engineering*

GARY DEAN BUBENZER, B.S., M.S., Purdue University, 1962, 1964  
 JOHN WILLIAM HUMMEL, B.S., M.S., University of Maryland, 1964, 1966

*In Agronomy*

RAMESHWAR PRASAD AGRAWAL, B.Sc., Nagpur University, 1947; Assoc. Dipl.,  
 Indian Agricultural Research Institute, 1949; M.S., 1961  
 SHUBHADA MOHAN NAIK, B.Sc., M.Sc., Nagpur University, 1963, 1965  
 KANTILAL MAFATLAL RAWAL, B.Sc., M.Sc., Gujarat University (India), 1961, 1964  
 NEIL EDWARD SMECK, B.Sc., M.Sc., Ohio State University, 1963, 1966  
 LAFAYETTE THOMPSON, JR., B.S., North Carolina State University at Raleigh,  
 1965

*In Animal Science*

SHRIRANG PARSHURAM NETKE, B.Sc., University of Bombay, 1950; M.S., 1959

*In Anthropology*

STEPHEN IDE THOMPSON, B.A., Hobart College, 1960

*In Biology*

JAMES DELBERT FISHER, B.Sc.Agr., Ohio State University, 1964; M.S., 1966  
 PAUL WILLARD MORRIS, B.S., 1966

*In Botany*

GERALD LEE KREITNER, B.S., M.S., 1963, 1966  
 DAVID JOSEPH SIEREN, B.A., Northland College, 1963; M.S., 1965

*In Business*

CARLTON PALMER McNAMARA, A.B., Colgate University, 1963; M.B.A., Columbia  
 University, 1966

*In Chemical Engineering*

GERALD WILLIAM COOK, B.S., Gonzaga University, 1964; M.S., 1967  
 WALTER LEWIS HEITZ, B.S.Chem.E., Stanford University, 1965; M.S., 1967  
 KIN FAI WONG, B.S.E., Arizona State University, 1965; M.S., 1967

*In Chemistry*

EDWARD FRANK BERTRAM, B.Sc., University of Alberta, 1965  
 ELIZABETH JÁRMAY BILSON, License ès Sciences, Université de Paris, 1960; M.S.,  
 1963  
 DANIEL BENJAMIN DIXON, B.S., Georgia Institute of Technology, 1963; M.S., 1966  
 JOHN HUGH ENGELMANN, B.S., University of Wisconsin-Milwaukee, 1964  
 ROBERT ARCHIE GARDINER, B.Sc., University of Alberta, 1964; M.S., 1966  
 GARY HORLICK, B.Sc., University of Alberta, 1965  
 MING-CHU HSU, B.S., National Taiwan University, 1966; M.S., 1968  
 EDWARD FRANK JOHNSON, B.S., University of Arizona, 1965  
 FRANK SCOTT KENNEDY, B.S., Washington and Lee University, 1966  
 JAMES WILLIS KIRKPATRICK, B.S., M.S., Western Illinois University, 1958, 1960  
 THOMAS JOHN KISTENMACHER, B.S., Iowa State University, 1965; M.S., 1967  
 SPENCER MILTON KRUEGER, B.A., North Central College, 1965  
 CHARLES ROBERT PAYET, B.S.Chem., University of North Carolina at Chapel Hill,  
 1966; M.S., 1968  
 RICHARD EDWIN PEAVY, B.S., University of Wisconsin, 1964; M.S., Bucknell Uni-  
 versity, 1966  
 SHERRY FREAM QUEENER, B.S., Oklahoma Baptist University, 1965; M.S., 1968  
 STEPHEN WYATT QUEENER, B.A., Wabash College, 1965; M.S., 1968  
 DONALD CHARLES SCHLEGEL, B.S., Muhlenberg College, 1965; M.S., 1967  
 WILLIAM DUANE SHERMER, B.S., University of Missouri (Rolla), 1964; M.S., 1967  
 DAVID ALEXANDER SIMPSON, B.S., Allegheny College, 1965; M.S., 1968  
 HYUNSOO So, B.Sc., Seoul National University, 1963  
 ARTHUR MILFORD VANARENDONK, A.B., DePauw University, 1963; M.S., 1965

*In Civil Engineering*

- ARIE BEN-ZVI, B.Sc., M.Sc., Technion, Israel Institute of Technology, 1963, 1965  
SURENDRA KUMAR GOEL, B.E., M.E., University of Roorkee, 1958, 1962  
PETER CLAUS KOHNKE, B.S.C.E., Purdue University, 1963; M.S., 1966  
JAMES EUGENE MONSEES, B.S., M.S., University of Missouri, 1960, 1961  
CHARLES HOWARD NEUBAUER, JR., B.S., The Citadel, 1960; M.S., 1962  
HENNING OTTSEN, B.S.C.E., New Mexico State University, 1965; M.S., 1967  
WILLIAM THOMAS PAINTER, D.I.C., University of London, 1963; M.Sc.C.E., University of Alberta, 1965  
HORMOZ PAZWASH, Dipl., University of Tehran, 1963; M.S., 1966  
HSUEH-SHENG TS'AO, B.S.E., National Taiwan University, 1961; M.S.C.E., California Institute of Technology, 1964  
RAYMOND CHUN-TSUNG WANG, B.S., National Taiwan University, 1964; M.S., University of Mississippi, 1966  
ROBERT HILTON WORTMAN, B.S.C.E., University of New Mexico, 1957; M.S., 1963

*In Communications*

- ROY KENNETH HALVERSON, B.S., M.S., University of Wisconsin, 1957, 1963  
KENT WILLIAM KELLING, B.S., 1960

*In Comparative Literature*

- NOAH MARCELL, B.A., M.A., Roosevelt University, 1957, 1962  
SAMIR HABIB RIZK, B.B.A., University of Miami, 1955; B.A., Damascus University, 1962; A.M., 1965

*In Computer Science*

- FRANK TUAN-LIN CHEN, B.S., Taiwan Provincial Taipei Institute of Technology, 1961; M.S., Iowa State University, 1965  
CLARENCE ARTHUR ELLIS, B.A., Beloit College, 1964; M.S., 1966

*In Economics*

- DENNIS EDGAR BOLAND, A.B., University of Michigan, 1965; A.M., 1967  
JERROLD MELVIN PETERSON, A.B., Knox College, 1962; A.M., 1967  
MILTON BEMENT REDMAN, B.S., M.S., Illinois State University, 1958, 1963  
JUSTIN DAVID STOLEN, B.A., St. Olaf College, 1963; A.M., 1965

*In Education*

- MING CHU CHANG, B.A., Taiwan Cheng Kung University, 1961; M.A., Illinois State University, 1967  
DONALD JAMES CUNNINGHAM, A.B., Wittenberg University, 1965; A.M., 1967  
CLYDE ALAN DILLEY, B.A., University of Northern Iowa, 1953; M.A., Northwestern University, 1959  
SHARON WEISKOPF EGGERS, B.S., 1959; M.S., Illinois State University, 1961  
GLEN EDWARD HUBELE, B.S., Ed.M., 1955, 1956  
RENNER ERIC MONDEH, B.A., Fourah Bay College (Sierra Leone), 1963; Ed.M., 1964

*In Electrical Engineering*

- DAVID HAMILTON COWLING, B.S., Washington University, 1958; M.S., 1967  
GORDON WAYNE DAY, B.S., M.S., 1966, 1967  
LEONARD FORBES, B.Sc., University of Alberta, 1962; M.S., 1963  
BILL JO HUNSINGER, B.S., 1961; M.S.E.E., Bradley University, 1966  
ERLIND GEORGE ROYER, B.S., Montana State University, 1961; M.S., Stanford University, 1962  
ROGER WALTER UHLHORN, B.S., M.S., 1965, 1966  
PAUL ERNEST WESTON, B.A., Wesleyan University, 1956; M.S., 1958

*In English*

- JOHN FRANCIS CALLAHAN, B.A., University of Connecticut, 1963; A.M., 1964  
CLAYTON CLARK REEVE, B.A., Beloit College, 1958; M.A., University of Chicago, 1960

*In Entomology*

- WILLIAM ROBERT CAMPBELL, B.S., M.S., Virginia Polytechnic Institute, 1963, 1966  
ROSCOE RANDELL, B.S., M.S., 1951, 1959



CHING-CHIEH YU, B.S., Taiwan Provincial Chung-Hsing University, 1962; M.S., University of Georgia, 1966

*In Finance*

RUST FLUEKIGER GRAY, JR., B.A., DePauw University, 1960; M.B.A., Miami University, 1963

*In Food Science*

LARRY WILLIAM CLARK, B.S., 1963

*In Geography*

ROGER WILLIAM PEARSON, B.S.Ed., Illinois State University, 1963; A.M., 1965

LARRY WAYNE PRICE, B.S., Eastern Illinois University, 1963; M.S., 1965

*In Geology*

SHERWOOD WILLING WISE, JR., B.S., Washington and Lee University, 1963; M.S., 1965

*In German*

DAVID JACK WILSON, A.B., A.M., University of Michigan, 1960, 1961

*In History*

JACK RICHARD DUKES, B.A., Beloit College, 1963; M.A., Northern Illinois University, 1966

RONALD MABERRY JOHNSON, A.B., College of Emporia, 1961; M.A., University of Kansas, 1965

ROGER SCHLESINGER, A.B., Hofstra College, 1964; A.M., 1965

*In Labor and Industrial Relations*

JOHN RODNEY NILAND, B.Com., M.Com., University of New South Wales, 1963, 1967

*In Library Science*

SHEILA JOAN KELLEY BERTRAM, B.Sc., McMaster University, 1962; B.L.S., University of Toronto, 1963; M.S., 1966

LUCILLE MATHENA WERT, A.B., Morningside College, 1942; S.B., Simmons College, 1945; M.S., 1963

*In Mathematics*

ROBERT LANDIS LONG, B.S., Haverford College, 1966

DEAN PAUL McCULLOUGH, B.S., Montana State University, 1964; M.S., 1965

BALRAM SINGH RAJPUT, M.Sc., Agra University, 1960; M.S., 1966

STEVEN JOEL TAKIFF, A.B., M.S., University of Michigan, 1963, 1964

NEAL RICHARD WAGNER, A.B., University of Kansas, 1962; A.M., 1964

JANICE ROSE ZEMANEK, B.S., University of Wisconsin, 1964; A.M., 1965

*In Mechanical Engineering*

JOAQUIM SEVERINO DE PAIVA NETTO, Eng.Aero., Instituto Tecnológico de Aeronáutica (Brazil), 1959; M.S., 1964

PETER FREDERICK LILIENTHAL II, B.S.M.E., Norwich University, 1961; M.S., Worcester Polytechnic Institute, 1963

*In Metallurgical Engineering*

SUKUMAR JANA, B.E., University of Calcutta, 1963; M.S., 1966

HASSELL MARION LEDBETTER, JR., B.S., Wayne State University, 1961; M.S., 1962

EDMUND ALAN MERRIMAN, B.S.E., University of Michigan, 1961; M.S., 1965

THOMAS JOHN PATRICIAN, B.S., M.S., Pennsylvania State University, 1963, 1965

CHARLES RUSSELL RAREY, B.S.Met.E., Purdue University, 1965; M.S., 1966

*In Mining Engineering*

GIORGIO RANALLI, Dott.Sc.Geol., University of Rome, 1963; M.S., 1968

*In Nuclear Engineering*

WILLIAM EDWARD BURCHILL, B.S.Met.E., University of Missouri (Rolla), 1964; M.S., 1965

NORTON LESLIE SHAPIRO, B.S., M.S., 1964, 1966

*In Nutritional Sciences*

GERALD HARVEY ANDERSON, B.Sc., M.Sc., University of Alberta, 1964, 1966  
MATHEW MATHAI MADAPPALLY, B.Sc., University of Kerala, 1959; M.Sc., University of Baroda, 1965

*In Philosophy*

RICHARD WARNER MILLER, B.A., Colorado State University, 1964; A.M., 1966

*In Physical Education*

RONALD EDWARD BOLE, B.A., Macalester College, 1962; M.A., Central Michigan University, 1964

*In Physics*

JACK BENNET BARENGOLTZ, B.S., Carnegie Institute of Technology, 1965; M.S., 1967

WILLIAM PAUL BLEHA, JR., B.S., M.S., 1964, 1966

GERALD DAVID CHANDLER, B.S., California Institute of Technology, 1963; M.S., 1965

DONALD EDWARD CULLEN, B.S., M.S., 1961, 1962

WILLIAM STEINLE DE ROSSET, B.A., Johns Hopkins University, 1964; M.S., 1966

LEWIS SELIG EDELHEIT, B.S., M.S., 1964, 1966

DAVID EDGAR EDWARDS, JR., B.S., M.S., 1964, 1966

JOHN RICHARD EDWARDS, B.S., University of Arizona, 1961; M.S., Stevens Institute of Technology, 1963

RALPH THOMAS EDWARDS, B.S., University of Michigan, 1963; M.S., 1965

KENNETH EDWARD EVANS, JR., B.S., M.S., 1963, 1964

HOWARD ALLAN GORDON, B.S., M.S., 1964, 1966

RICHARD TORSTEN JOHNSON, A.B., Grinnell College, 1963; M.S., 1964

DAVID LEE KOHLSTEDT, B.S., Valparaiso University, 1965; M.S., 1967

LAURENCE LEE ROSIER, B.S.E.E., M.S., University of New Mexico, 1959, 1961

WARREN EUGENE SHUFELDT, B.S., M.S., 1964, 1966

JAMES JONATHAN WHITMORE, A.B., M.A., University of California, 1964, 1966

*In Physiology*

ANTHONY BERNARD DEANGELO, B.S., M.S., Pennsylvania State University, 1963, 1965

*In Plant Pathology*

ABDUL-LATIF BAHJAT SHAWKAT, B.Sc., University of Baghdad, 1955; M.S., 1965

*In Political Science*

LAURENCE CONGER THORSEN, B.A., Knox College, 1959; A.M., 1966

*In Psychology*

JAMES FREDRICK COLLINS, A.B., 1963

KAREN VEAZIE DAVIS, A.B., San Diego State College, 1965; A.M., 1968

ANNE VERONICA GORMLY, B.A., Rhode Island College, 1966; A.M., 1968

DAVID JOEL GREENBERG, B.S., Cornell University, 1964; A.M., 1968

RICHARD LIONEL HAGEN, B.Mus., American Conservatory of Music, 1961; A.B., A.M., 1964, 1968

SARAH ANN JOHNSON, B.A., Carleton College, 1962

TERRY WAYNE OWEN, A.B., Heidelberg College, 1963; M.A., Bucknell University, 1965

DONALD LEE SCHURMAN, B.A., University of Texas at Arlington, 1966

SANDRA SERENA SMILEY, B.A., Whittier College, 1964; A.M., 1966

*In Sociology*

LOUIS ROWITZ, B.S., A.M., 1959, 1963

*In Spanish*

RICHARD BARRY KLEIN, B.A., Elmhurst College, 1960; A.M., 1962

ISAIAS LERNER, Profesorado de enseñanza secundaria, Universidad de Buenos Aires, 1959

*In Speech*

JOHN ALFRED JONES, B.A., M.A., University of Washington, 1958, 1961  
JOHN BERNARD WEAVER, B.S., A.M., 1956, 1958

*In Theoretical and Applied Mechanics*

CONWAY CHAN, B.S., M.S., University of California, 1961, 1962  
BRUCE MICHAEL HANNON, B.S., M.S., 1956, 1966  
MARVIN LYNN JANSSEN, B.S., M.S., 1964, 1966  
PETER JANZEN, B.Sc., University of Alberta, 1961; M.S., 1963  
RAYMOND ALFRED WILLEM, B.S., M.S., 1959, 1960

*In Veterinary Medical Science*

YUNG-HUET KUO, B.S., National Taiwan University, 1960; M.S., 1966  
UTE URIAS HERBERT MORRIS BISETTE, D.V.M., Universidad Central de Venezuela, 1959; M.S., 1968  
SOHAN PRASAD SAXENA, B.Sc., Agra University, 1943; Dipl., Bombay Veterinary College, 1948; M.S., 1959

**Degree of Doctor of Education***In Education*

LARRY BURDEN, A.B., M.A., Pacific University, 1952, 1956  
JAMES ROY DAVIS, A.B., University of Dubuque, 1960; Ed.M., 1965  
CLARK ELDON HIMMEL, B.S., Western Illinois University, 1960; Ed.M., 1962  
CHARLES LEE JOLEY, B.S., Ed.M., 1953, 1961  
LARRY DEWITT KENNEDY, B.S., A.M., Ball State Teachers College, 1958, 1961  
THEODORE STEPHEN KOLESNIK, B.S., DePaul University, 1953; M.Ed., National College of Education, 1959  
JASPER SLOAN LEE, B.S., M.S., Mississippi State University, 1963, 1966  
WILLIAM JAMES ALOYSIUS MARSHALL, A.B., Stonehill College, 1964; M.S.Ed., Gallaudet College, 1965  
RUDOLPH GUSTAVE POHL, B.A., Rutgers University, 1952; M.S., Syracuse University, 1953; M.A., University of Colorado, 1959  
VICENTE ABOBO QUITON, B.S., Silliman University, 1961; M.S., University of the Philippines, 1966  
LILLIAN POWERS STINSON, B.S., Ed.M., 1958, 1964  
GERALD UNKS, B.S., 1958; M.A., Bradley University, 1961  
GORDON EDWARD VAN HOOFT, B.A., Hobart College, 1938; Ed.M., University of Rochester, 1946  
WILLIAM ROSS ZBINDEN, B.S., Illinois State University, 1960; Ed.M., 1963

*In Music Education*

GERALD KERN GROSE, B.S., M.S., 1960, 1962

**Degree of Doctor of Musical Arts**

KENNETH OSCAR DRAKE, B.Mus., M.Mus., University of Rochester, 1952, 1953  
BARBARA RAINWATER FOSTER, B.F.A., M.F.A., University of Georgia, 1958, 1960; M.Mus., 1963  
FRANK LOUIS PULLANO, B.S., State University College at Fredonia (New York), 1956; M.S., 1958

**Degree of Master of Arts***In Anthropology*

ROBERT WESSING, A.B., 1966  
NANCY JANE WILSON, B.A., Northwestern University, 1968

*In Chemistry*

HARRIET PARKER, B.A., Northwestern University, 1968

*In Classics*

PAUL LESLIE FLACK, B.A., University of Toronto, 1964  
BARBARA JEAN PRICE, B.A., Mary Washington College, 1968  
PATRICIA ALICE STAPLETON, B.A., State University of New York (Buffalo), 1968

*In Comparative Literature*

ALFONSO RUBIANO, A.B., 1966

*In Dance*

MARY O'DONNELL FULKERSON, A.B., 1968

SUZANNE JOYCE LAST, B.A., University of Maryland, 1965

*In Economics*

JAMES ALAN DYAL, A.B., Bucknell University, 1966

JAMES THOMAS HANNON, B.S., Illinois State University, 1968

JOYCE DAVIES LINNE, B.S., Illinois State University, 1967

CRAIG VINCENT McDONOUGH, B.B.A., Pace College, 1968

STEPHEN BYRON TARR, B.A., Cuttington College, 1966

*In Education*

NICOLÁS RAÚL ALBERTO BARROS, Prof., National Institute for Secondary School Teachers, 1954

ELIZABETH MARY CAMPBELL, B.A., University of Otago, 1947

SHELLA RICHMOND GOLDBERG, A.B., 1969

PATRICIA MARY KUCABA, B.A., Mundelein College, 1952; M.Ed., DePaul University, 1956

*In English*

MARILYN GIBSON BELMAN, B.A., North Central College, 1961

ELEANOR ELFRIEDA BERGHOLZ, B.A., Purdue University, 1964

MARLENE MICHELE JOHNSON BROWN, B.A., Lake Forest College, 1967

STEPHEN LYLE FRANKLIN, B.A., Bradley University, 1968

TINA HACKER, A.B., 1968

JAMES LOWELL HARNER, B.S., Indiana State University, 1968

TERRY ALFRED HUNTER, B.A., Kent State University, 1968

MARIE ANNETTE KLEIN, B.A., Southern Illinois University, 1964

DIANE CHRISTINE LALLY, A.B., Mundelein College, 1968

JENNIFER GOTTSBERGER LOFTUS, A.B., 1968

FREDRICK PRESTON, JR., B.A., Ball State University, 1965

WALTER OLIVER ROSENQUIST, JR., B.A., Concordia College, 1966

JOHN THOMAS SMITH, B.A., Michigan State University, 1968

THEODORE LOUIS STEINBERG, B.A., Johns Hopkins University, 1968

BARBARA JEAN WALLEN, A.B., 1965

*In French*

CAROLE MADELEINE DEERING, B.A., 1968

DJENAT MOHAMED KHALED GHAZI, B.A., Alexandria University, 1964

JANET MARGARET SALMON, A.B., Simmons College, 1968

*In German*

RENATE MARIA ASCHOBBER, B.A., Mundelein College, 1967

EDITH C. SCHENK, B.A., Queens College, 1968

JANE MARIE WEISEMANN, B.A., DePaul University, 1968

*In History*

VANCE ELLIOTT BURKE, A.B., 1967

JANET LORRAINE CRIST, A.B., 1965

FREDERICK TAYLOR DEARBORN, A.B., 1968

CURTIS WENDELL FISHER, B.A., Kalamazoo College, 1964 (Posthumously)

YVONNA SESSIONS, B.A., Michigan State University, 1967

TIMOTHY CRANDALL SULLIVAN, B.A., University of Notre Dame, 1968

*In Labor and Industrial Relations*

STANLEY ROBERT BATH, B.A., University of Nottingham, 1968

GEORGE ROBERT FLEISCHLI, B.S., LL.B., 1962, 1965

HUGH JAMES IVORY, B.A., Queens College, 1965

SPENCER HERBERT LEWIS, JR., A.B., Lincoln University, 1961

JOHN ROBERT MITCHELL, B.S.I.M., University of Cincinnati, 1967

*In Latin*

SILKE-MARGARETE JUNGE, University of Hamburg

*In Linguistics*

JOANNE TAVLOS CARLSEN, A.B., 1964

SUSAN FRED SCHMERLING, A.B., 1968

*In Mathematics*

FRED BALL, JR., B.S., Southwest Texas State Teachers College, 1952; M.Mus., University of Texas, 1955

ROBERT ANDREW BURNETT, B.S., Pennsylvania State College (Mansfield), 1968

LYNN MARIE JENSEN, B.A., Trinity College (Illinois), 1968

DAVID LAWRENCE KIBBEY, A.B., 1968

JANET DUGGER NELSON, A.B., MacMurray College, 1968

*In Philosophy*

DOUGLAS SHELDON ALFORS, B.A., Concordia College, 1966

JOHN WALTER LYNES, JR., A.B., Gettysburg College, 1964; B.D., Yale University Divinity School, 1967

TERRIE TUCKETT MCINTOSH, B.A., University of Utah, 1967

DIANE LEE STEINBERG, B.A., University of Chicago, 1964

*In Political Science*

JOAN CAROL CLEMENTS, B.A., University of Louisville, 1968

JERROLD VALIANT HOBFOLL, A.B., 1968

ROBERT WILLIAM MEYER, A.B., Bradley University, 1964

YUKO AKIYOSHI NIHEI, B.A., M.A., Keio University, 1964, 1967

LAURENCE ALAN PERLMAN, B.A., Oglethorpe College, 1968

*In Psychology*

JEROME BERNARD ALBERT, B.A., City University (New York), 1966

WILLIAM HENRY CROOKS, B.S., Oregon State University, 1966

EDNA ISBY FOA, B.A., Bar Ilan University, 1963

THOMAS RAY STEWART, B.A., College of Wooster, 1966

LAURA HEMWALL WATSON, A.B., Wheaton College, 1967

STANLEY BERNARD WOLL, B.A., Washington University, 1967

*In Social Sciences*

AMY LOUISE LEVINE, A.B., 1968

*In Sociology*

VICTOR INDRA BLESSING, A.B., 1967

REED ELLIS COLEMAN, B.S., Grambling College, 1957

JEANNE ABBOTT ITO, B.A., College of William and Mary, 1967

HOWARD DAVIS LERNER, B.S., 1968

JOHN SALTIEL, A.B., 1965

JAMES PETER SIKORA, B.A., Southern Illinois University, 1968

*In Speech*

MARY MARGARET COUGHLIN, A.B., 1969

TANYA MARIE GALLAGHER, B.S., 1967

MONICA MARIE MANNING, A.B., 1968

EVELYN CAROL PAYNE, A.B., 1967

ANN JAYNA QUIGLEY, B.A., State University of New York (Oswego), 1967

*In the Teaching of English*

PATRICIA MCCARTY ANDERSON, A.B., Olivet Nazarene College, 1962

LYNN KAY CHMELIR, A.B., 1967

SUSAN GLOVER FAIRCHILD, A.B., 1967

BARBARA JEAN MODICA, A.B., 1966

PATRICIA DOYLE SCHURTER, A.B., MacMurray College, 1966

*In the Teaching of English as a Second Language*

LUBITSA NENADOVICH KATZ, A.B., Gettysburg College, 1945; M.A., Johns Hopkins University, 1956

KANUMOORY VEERA VENKATA LAKSHMI NARASIMHA RAO, B.A., Andhra University, 1960; M.A., Sri Venkateswara University, 1962; Ph.D., Agra University, 1967

*In the Teaching of Social Studies*

LOIS BARRY CARROLL, B.A., Wagner College, 1968

JAMES STEWART JONES, A.B., 1969

RICHARD ALBERT KELLER, B.A., University of Iowa, 1968

*In the Teaching of Spanish*

SUE TAYLOR BERTOLEIT, A.B., 1968

*In the Teaching of Speech*

JOELLEN BRISCOE LANG, B.F.A., University of New Mexico, 1960

*In Theatre*

MARY ANN SAFERSTEIN, B.A., 1969

**Degree of Master of Science***In Advertising*

KATHLENE HOHMANN BISSELL, B.S., 1968

PATRICIA ANN CLICKENER, B.S., 1964

DENNIS MICHAEL CORRIGAN, A.B., University of Notre Dame, 1966

RAYMOND EDWARD DRYDEN, B.A., Texas Christian University, 1969

DONNE-KO HONG, B.A., National Taiwan University, 1966

LUCINDA LONG HOVESKELAND, B.A., Texas Christian University, 1967

ANN FRANCES LOWRY, B.S., Iowa State University, 1968

JAMES DOUGLAS MUIR, B.S., Miami University, 1967

DONALD ANDREW NEWGREN, B.F.A., 1964

JEFFREY BRIAN ROBINSON, B.S., Northwestern University, 1968

JAMES RAY WATSON, B.S., Northwestern University, 1939

*In Aeronautical and Astronautical Engineering*

WEI HANG CHU, B.S., 1967

EMMETT FRANCIS KRAUS, B.M.E., Gannon College, 1966

RICHARD LEE TATE, B.S., 1961

*In Agricultural Economics*

KLAUS FRIEDRICH ALT, B.S., Oregon State University, 1968

RONALD FRANK EICKHORST, B.S., 1969

RONALD JAY HANSON, B.S., Western Illinois University, 1968

WARWICK ALEXANDER PAPST, B.Ag.Sc., University of Melbourne, 1967

DAVID CHARLES PETRITZ, B.S., 1967

DAVID BRUCE REYNOLDS, B.S., 1968

ROGER EUGENE SCHNEIDER, B.S., 1968

JOHANN WEINDLMAIER, Dipl. Ing., University of Vienna, 1967

*In Agricultural Education*

HURSHIEL EUGENE CRAIG, B.S., 1958

*In Agricultural Engineering*

ROGER WAYNE CURRY, B.S., 1965

JOHN CARL KNOBLOCH, B.S., 1966

MICHAEL FAIVRE WALTER, B.S., 1968

*In Agronomy*

RICHARD LEE HURELBRINK, B.S., 1967

*In Animal Science*

DOUGLAS LEE HIXON, B.S., 1968  
GRACE MEI-TONG SHEN, B.S., National Taiwan University, 1968  
BARBARA LYNN SWANSON, B.S., 1968

*In Architectural Engineering*

DAVID ARTHUR MEYER, A.B., 1969  
PIER LUIGI PANICALI, B.Arch., 1968

*In Astronomy*

ROGER AUSTIN HOWERTON, B.S., San Diego State College, 1963  
BRUCE TARO MAEDA, A.B., Indiana University, 1968  
ANTHONY GORDON WILLIS, B.Sc., McGill University, 1968

*In Botany*

JOANN MANGUM HOAGLAND, B.A., Western New Mexico University, 1964  
MELVIN MYRON MARKOWITZ, B.S., City University (New York), 1968  
MARY ELLEN PAYNE, B.A., Lake Forest College, 1964

*In Ceramic Engineering*

CLAUER TRENCH DE FREITAS, Engr.Dipl., University of São Paulo, 1961  
SUZANNE ROSE NAGEL, A.B., Rutgers University, 1968

*In Chemical Engineering*

FREEMAN GERALD CLARK, B.S., University of Washington, 1967  
JOSE MARIA CORONA ARIAS, Ing.Quim., La Universidad Nacional Autonoma de Mexico, 1964

*In Chemistry*

LINDA JEAN CHARPENTIER, S.B., Simmons College, 1968  
RONALD BURRELL CHESMORE, A.B., Colorado State College, 1967  
YUEH-HSIU CHIEN, B.S., National Taiwan University, 1968  
IH-NAN CHOU, B.S., National Taiwan University, 1966  
MICHAEL JAMES CRAIGIE, B.S., University of Iowa, 1967  
RAMSEY HAMID GITANY, B.S., University of Puerto Rico, 1967  
JOSEPH HERBERT KELLER, B.S., King College, 1968  
ALICE CARTER KIMSEY, B.S., Old Dominion College, 1968  
WILLIAM HARVEY KLEIN, B.S., University of Michigan, 1968  
YUN-KO LEE, B.S., Chung Chi College, 1967  
NAN-I LIU, B.S., Taiwan Provincial Chung-Hsing University, 1967  
JOHN ALLAN REEVE, B.S., University of Wisconsin, 1966  
LAURA CHUN-CHUAN SHIH, B.S.Ag., National Taiwan University, 1968  
LANA SCHAFFER STOLARSKY, B.S., San Diego State College, 1968  
RICHARD BERNARD TIMMER, B.S., Calvin College, 1968  
YU WANG, B.S., National Taiwan University, 1966  
JOHN WESLEY WILLIAMS, B.S., University of Alabama, 1967

*In Civil Engineering*

SALEH ABDULLAH BAKHREBAH, B.S., University of Colorado, 1967  
JAMES EDWARD BARRY, B.A., 1969  
THOMAS JEFFERSON BLACK III, B.S., United States Air Force Academy, 1969  
GERALD CURTIS BROWN, B.S., United States Military Academy, 1964  
THADDEUS HENRY BYSIEK, B.S., St. Procopius College, 1967  
KUO-CHENG CHANG, B.S., National Taiwan University, 1965  
GONZALO CORTES-RIVERA, Ing.Civil, Universidad Nacional de Colombia, 1965  
JON MICHAEL DAVIS, B.S., United States Air Force Academy, 1969  
MICHAEL DOMINIC DEWITTE, B.S., United States Air Force Academy, 1969  
ROBERT PATRICK ELLIOTT, B.S., 1969  
SHAHRUKH ARDESHIR GHASWALLA, B.E., University of Karachi, 1968  
JEFFREY ROY GRIME, B.S., United States Air Force Academy, 1969  
WILLIAM HENRY HANSMIRE, B.S., University of Nebraska, 1968  
LAWRENCE STANLEY HIRSCH, B.S., 1968  
JAMES FREDRICK KAHLE, B.S., 1964

GEORGE WAYNE KAMENICKY, B.S., United States Air Force Academy, 1969  
 JOE HERMAN LEACH, B.S., 1968  
 YING-CHANG LIU, B.S., National Taiwan University, 1967  
 RONALD HARRISON LOVE, B.S., United States Air Force Academy, 1969  
 GARY RICHARD MARINE, B.S., 1969  
 KENNETH WAYNE MCCOLLISTER, B.S., United States Military Academy, 1961  
 JOHN KENNETH REAM, B.S., 1969  
 JOHN ALLEN RICHARDS, B.S., United States Air Force Academy, 1969  
 NGUYEN VAN SA, Dipl., Vietnam Technical Center, 1961  
 MICHEL BASIL SAMOKHINE, B.S., 1969  
 ROBERT JOHN SCHRIER, B.C.E., Villanova University, 1962  
 ALAN HALDANE SCOTT, B.S., United States Military Academy, 1963  
 ROBERT MORTON SEMPLE, B.Sc., University of Strathclyde, 1968  
 HECTOR SERRANO MALPICA, Ing.Civ., La Universidad Nacional Autonoma de Mexico, 1965  
 SO CHING SHIH, B.Sc., Taiwan Provincial Cheng Kung University, 1963  
 GERALD FRANCIS SIMPSON, B.C.E., University of Dayton, 1968  
 ANAND KUMAR SINGH, B.Tech., Indian Institute of Technology (Kharagpur), 1965  
 JAMES DARRELL SPENCER, B.S., 1968  
 STEPHEN DOUGLAS STOWE, B.S., United States Air Force Academy, 1969  
 CHARASPONG THAVARASOOK, B.E., Chulalongkorn University, 1960  
 ROBERT CARL VOLKMAN, B.S., 1969  
 JAMES ROBERT WHITLEY, Jr., B.C.E., Auburn University, 1961  
 CHARLES DAVID WILLIAMS, B.S., Southern University and Agricultural and Mechanical College, 1964  
 WILLIAM EDWARD WITZIG, B.S., 1968  
 JOHN BRUCE WOJAKOWSKI, B.S., 1968  
 ALBERT YAO CHEE WONG, B.Sc., University of Hong Kong, 1968  
 ROY KAZUO YAMASHIRO, B.S., University of Hawaii, 1968  
 CHANG-LUNG YIN, B.S., National Taiwan University, 1966  
 ADOLFO ENRIQUE ZEEVAERT WOLFF, Ing.Civ., La Universidad Nacional Autonoma de Mexico, 1966

*In Computer Science*

HENRY RUSSELL ADAMS, B.S., University of Oklahoma, 1965  
 CARL WAYNE DAVIS, B.I.E., Auburn University, 1968  
 RICHARD EDWARD ISLER, B.S., 1968  
 KARL CORNELL KELLEY, B.S., M.S., 1962, 1963  
 JAMES RALPH LEGG, B.S., Colorado State University, 1968  
 JUDY ANN LENDER, B.A., Southern Illinois University, 1965  
 KIYOSHI MARUYAMA, B.S., Nihon University, 1968  
 MARTIN JOEL MICHEL, B.S., Brown University, 1968  
 MARTIN OZGA, B.S., University of Michigan, 1965  
 RICHARD STUART SWEE, B.S.B.A., Northwestern University, 1967  
 CHIYOZI TANAKA, B.S., Osaka University, 1961

*In Dairy Science*

LYN GALE ASH, B.S., 1968

*In Economics*

JOEL ROBERT HARTEKER, B.S., University of Wisconsin, 1961  
 ALAN DALE KRUG, B.S., 1964

*In Education*

ETHEL ELIZABETH ANDERSON, B.S., 1967  
 KATHLEEN DORE BOYCE, B.A., St. Xavier College, 1967  
 CHARLES DANIEL HANNEN, A.B., 1965

*In Electrical Engineering*

RICHARD ERNEST ANDERSON, B.S., 1967  
 LYNN WARNER BARRY, B.S., 1968  
 CHARLES ALLAN BORCHER, Jr., B.E.E., Georgia Institute of Technology, 1968  
 RAY BOVEN, B.S., Michigan State University, 1962  
 ROUH TYAN BOW, B.S., National Taiwan University, 1965  
 RICHARD MERRITT BURKHART, B.S., 1969



HAN-RU CHO, B.S., National Taiwan University, 1967  
 FRANCIS ROBERT COLON, B.S.E.E., Washington University, 1968  
 BEN CONTRERAS, B.S., Arizona State University, 1968  
 GEORGE ANTHONY COSTELLO, B.S., Northern Illinois University, 1963; B.S., 1968  
 PAUL RODGER DAVIS, B.S., University of Alabama, 1963  
 THEMISTOCLES HARRY DEMETRAKOPOULOS, B.S., 1968  
 JEFFREY MICHAEL FORBES, B.S.E.E., University of Rhode Island, 1968  
 JOSE HUMBERTO GARCIA RODRIGUEZ, Ing.E., University of the Andes (Venezuela), 1966  
 ROLANDO GINYOVSKY ZECHMEISTER, B.S., 1968  
 SAMUEL ANTHONY GUCCIONE, B.S., 1964  
 GARY ROBERT GUTH, B.S., 1966  
 RICHARD PAUL HARMS, B.S.E.E., Iowa State University of Science and Technology, 1965  
 JAN TOROLV HERSTAD, B.S., 1966  
 CECIL TZECHOR HO, B.S., Syracuse University, 1968  
 JAMES MERRITT JANSEN, JR., B.S., Evansville College, 1967  
 WILLIAM HAROLD KENT, JR., B.S., Michigan Technological University, 1968  
 WILBUR FRANCIS METCALF, B.S.E.E., University of Missouri (Rolla), 1961  
 WERNER PAUL PETZOLD, B.S., 1965  
 DONALD RAY SCIFRES, B.S.E.E., Purdue University, 1968  
 JERRY JOSEPH SWEENEY, B.S., 1969  
 YIU KWAN WO, B.Eng.(Hons.), McGill University, 1967

*In Entomology*

JERALD RAY DEWITT, B.S., Eastern Illinois University, 1967  
 HENRY FRANKLIN PIERCE, JR., B.S., 1968  
 GARY RICHARD WILSON, B.S., Michigan State University, 1963

*In Finance*

THEODORE EDWARD ALLISON, B.S., 1960  
 PAUL ALAN DECKER, B.S., 1968  
 FRANK WESTMONT FOLEY, JR., B.S., 1967  
 JOHN BOWLES MAJOR, JR., B.S., 1968

*In Food Science*

DANIEL EMERSON GREEN, B.S., 1967

*In Forestry*

RICHARD ALAN BENNETT, B.S., 1965  
 DAVID RUSSEL VANCE, B.S., 1967

*In Geography*

JOSEPH LEE SCOTT, B.Sc., Ohio State University, 1965

*In Geology*

WILLIAM JOHN BYRD, B.S., University of Wisconsin (Milwaukee), 1966  
 MICHAEL CHARLES MOORE, B.S., Indiana University, 1965

*In Health Education*

ELIZABETH ANN LINDSAY, B.A., University of Western Ontario, 1968

*In Home Economics*

IRENE HARMON BOLDT, B.S., 1967  
 MARY ANN KOPP CHILDS, B.S., Syracuse University, 1966  
 SUE ALEXANDER GRENINGER, B.S., University of Arizona, 1965  
 SARA MAUDLIN GUSTAFSON, B.S., Eastern Illinois University, 1968  
 SUSAN ANN HUNTER, B.S., Southern Illinois University, 1968  
 JOYCE FLEUR SCOTT LOHMAN, B.S., 1962  
 NANCY MARIE RUDD, B.S., Michigan State University, 1967  
 CATHERINE KUEN WEI, B.S., Fugen Catholic University, 1967

*In Home Economics Education*

DIANE GWINNE DOBRY, B.S., 1968

*In Horticulture*

DANIEL CHARLES ADJEI-TWUM, B.Sc., University of Science and Technology (Kumasi), 1967

*In Industrial Engineering*

ORLANDO ALEXIS ARMITANO-MATHEUS, Ingeniero Mecanico, Universidad Central de Venezuela, 1967

THOMAS EDWARD DISZ, B.S., 1964

GENE HOWARD MUEHRING, B.S., University of Missouri, 1960

WINSTON PACHECO REVILLA, Egresado, Dipl., Universidad Mayor de San Andres, 1966, 1968

FARAMARZ PETRI, B.S.M.E., Washington University, 1968

*In Journalism*

DAVID HALSTEAD FLORIO, B.S., 1967

JAMES FREDERICK FULLER, B.A., DePaul University, 1966

JOAN MARLA KAYE, A.B., Bard College, 1968

SYLVIA NORTEN SCHACHT, B.S., 1936

*In Library Science*

BARBARA SUE BEAM, B.A., Elmhurst College, 1968

BARBARA STANTON BENNETT, B.A., University of South Florida, 1964

MARY TURNER BLUNK, A.B., 1969

KERRY MARGARET BROWN, B.A., Ohio State University, 1968

ANNE WALLACE CALVERT, B.A., University of Iowa, 1968

NORA JANE CAMBIER, B.A., Blackburn College, 1967

BARTON MARSHALL CLARK, B.A., University of Colorado, 1968

ROBERT ALLEN DAUGHERTY, B.S., St. Louis University, 1967

WYMAN PARKS DECK, B.A., Eureka College, 1966

MICHAEL RALPH GABRIEL, B.A., University of Maryland, 1969

LOUISE LOLITA GBUREK, A.B., 1968

CAROL LEE GODDARD, A.B., Grinnell College, 1967

JANICE HALL, B.A., William Woods College, 1968

MARY MADDEN HILBURGER, A.B., 1968

JOYCE CALDWELL HORNEY, A.B., 1969

MITSUKO ICHINOSE, B.S., College of the Ozarks, 1968

LESLEY ELLEN JORBIN, B.A., University of Minnesota, 1968

ROSE PHYLLIS LEVY, A.B., 1968

DELAURA WHIPPLE LOBENSTEIN, B.S., Kansas State University of Agriculture and Applied Science, 1939

GAIL DIANE MACHTINGER, B.S., University of Missouri, 1967

LAURA SUSAN MALL, A.B., 1967

MARGARET CRIDER NEAL, B.S., Murray State University, 1966

GAIL POHLMAN, A.B., 1967

MARGARET WILSON ROBERTSON, B.S., 1949

AMANDA ELIZABETH FAIR SAAR, B.A., University of Arkansas, 1968

CHRISTINE MOTE WESTERMANN, A.B., Grinnell College, 1968

*In Management*

IBRAHIM MOHAMED AHMED SALAMA, B.Com., Alexandria University, 1961; M.S., Colorado State University, 1965

*In Marketing*

LOWELL NATHANIEL PETERSON, A.B., Knox College, 1963

*In Mathematics*

ROBERT JAMES ARNOLD, B.S., Michigan State University, 1968

ANITA NATALIE BENSON, B.S., 1968

LAWRENCE JOSEPH BONGIOVI, B.A., Lycoming College, 1963

JOHN HARMON CARSON, JR., B.S., 1968

ZON-I CHANG, B.S., Taiwan Provincial Chung-Hsing University, 1966

MIN CHAO, B.S., National Tsing Hua University, 1968

WINNIE CHAU-MING CHOW, B.S., 1968

WILLIAM THOMAS FELDMAN, B.S., 1968

LOIS GOLDSTEIN, B.A., Brooklyn College, 1968  
KAZUO ISHIZAKA, B.Agt., Tokyo University of Education, 1958  
DENNIS JOHN KUPCHIK, B.S., Case Institute of Technology, 1968  
JENNG-CHING BERNARD LOU, B.S., Fujen Catholic University, 1967  
DEBORAH REBEHUEIN, A.B., Cornell University, 1968  
PETER BUCK REYNOLDS, B.S., 1969  
ELMER RICHARD ROBINSON, B.S., 1968  
IRA SLOTNICK, Ph.B., Northwestern University, 1968  
CHANG-YEAN WANG, B.Sc., National Taiwan University, 1967  
SALMA SHUKRALLAH WANNA, B.S., American University of Beirut, 1965

*In Mechanical Engineering*

VIROCHANA AUNSNUNTA, B.S.M.E., Mapua Institute of Technology, 1967  
GORAN ELOF FRANSSEN, B.S., Milwaukee School of Engineering, 1964  
DEMREW METAFERIA, B.Sc., Haile Selassie University, 1967  
RONALD LEE PRIEBE, B.S., Valparaiso University, 1958  
DAVID CONNER RANDOLPH, B.S., Tulane University, 1962

*In Metallurgical Engineering*

RAMAMURTHY KASI VISWANADHAM, B.E., Osmania University, 1968  
LAWRENCE ALBERT ZAGORSKI, B.S., 1968

*In Microbiology*

MICHAEL CHI-KEUNG CHAN, B.S., 1968  
SAI HYUN LEE, B.S., 1968  
DENNIS EDMUND LESZCZYNSKI, B.S., Loyola University (Illinois), 1968  
GARY LAVERN SIMPSON, B.S., 1969  
LAURA LOUISE STUMPF, B.S., University of Michigan, 1968

*In Music Education*

DOROTHY JEAN BURKETT, B.Mus.Ed., Florida State University, 1968  
JUDITH ANN CONLON, B.M., B.M.E., Drake University, 1965, 1968  
BOBBY GENE COOPER, B.S., Tougaloo College, 1961  
JOSEPH WALLACE JENNINGS, B.Mus., Southern University, 1960  
RUTH PAULINE SANBORN, A.B., MacMurray College, 1966  
ROBERTA HUBER TURNER, B.Mus., 1968

*In Nuclear Engineering*

KENNETH ROBINSON BOWERS, JR., B.S., M.S., University of Louisville, 1967, 1968  
ENNO NOMM, B.S., 1965  
RONALD WILLIAM ROBIN, B.A., Elmhurst College, 1968

*In Nutritional Sciences*

LINDA SUE GRISKIVICH, B.S., University of Maine, 1968

*In Physical Education*

THOMAS DAVID ABERNATHY, B.S., 1968  
MELVIN LEONARD ADELMAN, B.S., Brooklyn College, 1967  
SHERWIN STANTON KITTLESON, B.A., Wartburg College, 1956  
SUSAN VANDEWALLE KOVAR, B.S., University of Nebraska, 1967  
MARY McQUEEN LIVERMAN, B.A., Western Michigan University, 1960

*In Physics*

ROBERT HAMILTON AUSTIN, A.B., Hope College, 1968  
JOSEPH WILLIAM CONNOLLY, B.S., University of Scranton, 1968  
ZENON IHOR DERZKO, B.S., 1968  
PETER WEHNER DEUTSCH, A.B., University of Michigan, 1968  
JUDITH ANN GOULD, B.Sc., M.Sc., University of Alberta, 1963, 1965  
JOEL WILLIAM GROVER, B.S., University of Michigan, 1968  
SADREDDIN BEHBAHANI HASSANI, B.S., 1968  
STEVEN BARRY LANDY, B.S., California Institute of Technology, 1968  
DONALD CARMEN LICCIARDELLO, B.S., University of Scranton, 1968  
THEODORE LEE LONGMAN, B.S., Purdue University, 1967

VIRGIL LEE MALMBERG, B.S., 1968  
JOHN THOMAS MERRILL, A.B., University of California (Berkeley), 1968  
JOHN LESLIE MICHEL, B.S., University of Virginia, 1967  
BERNARD JOSEPH MRSTIK, B.S., 1968  
MARY JOYCE POTASEK, B.A., College of St. Catherine, 1967  
JAMES MARTIN POTTER, B.S., 1964  
JAMES ALLEN RICE, B.S., Northern Illinois University, 1967  
DAVID ROSENFELD, B.S., University of Maryland, 1968  
RANDAL CHARLES RUCHTI, B.S., University of Wisconsin, 1968  
GREGORY JUDE SELLERS, A.B., Cornell University, 1968  
DAVID STUART SIMONS, B.S., Carnegie Institute of Technology, 1967  
JOHN FRANKLIN WENDELKEN, B.S., 1968  
WILLIAM FRANCIS WESTON, A.B., University of California, 1968  
JEFFREY CURRAN WYNN, A.B., University of California, 1968

*In Physiology*

RICHARD REILING ALMON, B.S., 1968  
ALMA HALSKI, B.S., 1969  
ROBERT WEBER WINTHEISER, B.S., Colorado State University, 1967

*In Plant Pathology*

JAMES EDWARD SCHUSTER, B.S., 1968

*In Psychology*

ANN STEVENS HORTON, B.S., 1968

*In Radio and Television*

GARY WILLIAM JONES, B.S., Arkansas State College, 1967

*In Recreation*

KATHRYN ANNE MCQUARRIE KARLSSON, Dipl., University of Otago, 1966; Dipl.,  
University of Aukland, 1967  
DANIEL RICHARD PLAZA, B.A., San Jose State College, 1969  
CHERYL VIRGINIA REEVES, B.S., West Virginia University, 1968  
ELVINA SUE MEIUNG WONG, B.S., University of Hawaii, 1968

*In Sanitary Engineering*

STEWART ALBERT MESSMAN, B.S., 1969  
STANLEY DEAN SWEARINGEN, B.S., 1969

*In Speech Correction*

SHERRY EILEEN JENSEN, B.S., Northern Illinois University, 1968  
PATRICIA JOSEPHINE MCGINTY, A.B., 1968

*In Statistics*

RICHARD GUST MONTANELLI, JR., B.S., Illinois Institute of Technology, 1966  
MICHAEL FRANK SPAETH, B.A., Clark University, 1968

*In the Teaching of Biological Sciences and General Science*

ARDYTHE ANN ALBERS, B.A., Culver-Stockton College, 1968  
LORETTA OTTWELL UHE, B.S., 1962

*In the Teaching of Mathematics*

JOHN LENNARD BARKER, B.S., 1969

*In Theoretical and Applied Mechanics*

JAMES MICHAEL ASCHE, B.S.M.E., University of Nebraska, 1964  
JERRY DELAIN FOX, B.S., 1968  
WINTON GARY GIBBONS, SR., B.S.E., University of Michigan, 1963  
JOHN RICHARD MAHER, B.S., California State Polytechnic College, 1964  
MICHAEL ALLYN TODD, B.S., Evansville College, 1966

*In Zoology*

KENNETH LEE CAPPS, B.A., Washington and Jefferson College, 1967  
 BONNIE ANN NOLAN, B.A., University of Connecticut, 1967  
 ROBERT WILLIAM WEISE, B.S., Eastern Illinois University, 1967

**Degree of Master of Music**

JAMES SHERWOOD DARLING, B.M., University of Kentucky, 1967  
 DIANNE WESTERMAN HATCH, B.Mus., 1968  
 LAWRENCE JOHNSON, B.Mus., Georgia State College, 1968  
 PETER ALEXANDER TAKACS, B.M., Northwestern University, 1968  
 MARIA TAN THESEN, B.Mus., University of Hawaii, 1966

**Degree of Master of Education**

MARIANNE ACKERMAN, B.A., Southern Illinois University, 1968  
 CLIFFORD LEONARD ADAMO, B.S., 1967  
 KAREN MARIE AIKEN, B.S.Ed., Illinois State University, 1966  
 JUNE MCCLINTOCK ALLISON, B.A., Beaver College, 1967  
 CAROL BENTON BARKSTALL, B.S., Ohio State University, 1958  
 JANET ALICE BLOHOWIAK, B.S., Wisconsin State University (Oshkosh), 1960  
 LARRY LEE BOND, B.S., Southern Illinois University, 1964  
 THOMAS IVAN BONE, B.A., Ottawa University, 1967  
 RAMONA JEAN BORSCH, B.A., Blackburn College, 1966  
 CAROLYN JEAN BUHMANN, A.B., 1969  
 MAUREEN RUTH BURKE, B.M., Ithaca College, 1967; M.S., 1968  
 WILLIAM RUSSELL CLAXON, B.S., 1968  
 JOANNA LAURA CORNETT, B.S., 1968  
 KAREN KELLAM CRAVENS, B.S., Indiana University, 1965  
 SHIRLEY ANN DANILOFF, B.A., 1964  
 ROBERT JAMES DARASKEVICH, B.A., Illinois State University, 1966  
 MARY CECILIA DONOVAN, B.A., University of Delaware, 1968  
 SHERRY KAY DOTLICH, B.A., Michigan State University, 1966  
 GLADYS REED DOWNING, B.S., Hampton Institute, 1963  
 JOYCE ANN ECKERTY, B.S., Illinois State University, 1966  
 CAROL JEAN ECKSTROM, B.S., Northwestern University, 1964  
 EMAGENE ELIZABETH REID EFNOR, B.S., Valparaiso University, 1961  
 DENNIS GUY FELTY, A.B., 1965  
 JUDITH ANN FLOYD, B.S., Illinois State University, 1967  
 DONNA KING GELBER, B.A., University of California (Los Angeles), 1968  
 WARD CHARLES HASSELHORST, B.S., 1964  
 JAMES HENRY HAYES, JR., B.S., 1968  
 CARL ALBERT HEINRICH, B.S., 1968  
 RONALD WAYNE HIBLE, A.B., 1960  
 MARY CATHERINE HOULIHAN, B.A., St. Xavier College, 1963  
 MARGARET HOWARD ISMAILA, B.S., Hampton Institute, 1958  
 CAROL ANN IVORY, B.A., American University, 1966  
 ARTHUR WILLIAM JOHNSON, B.S., Western Illinois University, 1957  
 JOEL GILIANA JONAS, B.S., 1965  
 ANNA CHEN LEE, B.A., Oklahoma State University, 1967  
 SANDRA CARTER LEISTER, B.A., University of Wisconsin, 1967  
 SUSAN CATHERINE LENTZ, B.A., St. Xavier College, 1965  
 DOROTHY HUDSON LIERMAN, A.B., 1941  
 THOMAS JEFFERSON LINDAHL, B.S., University of Wisconsin, 1960  
 LAWRENCE ROY LINDBERG, B.S., University of Kansas, 1967  
 CAROL MONTS LOYET, B.S., Eastern Illinois University, 1966  
 CLIFFORD GEORGE MAINOUS, B.Ed., Emory and Henry College, 1954  
 JACQUELYN WITT MAINOUS, B.A., Emory and Henry College, 1954  
 WILLIAM CHARLES MARCORDES, B.S., Bradley University, 1965  
 RUSSELL MARKS, B.S., Illinois State University, 1967  
 LYNN TUFT MAROTZ, B.S., University of Wisconsin, 1965  
 CHRISTOPHER MCCLURE, B.S., Emerson College, 1966  
 JOHN PETER MOCKAITIS, A.B., 1966

BARBARA TONIELLI PATTAROZZI, B.S., Northern Illinois University, 1963  
 GLORIA JEAN PEARSON, A.B., MacMurray College, 1964  
 SUE ANN PHILPUTT, B.S., Baldwin-Wallace College, 1963  
 IVA LOUISE POLK, B.A., Fisk University, 1967  
 GLORIA MCGILL PRINCE, B.S., Southern Illinois University, 1965  
 JOAN KAY REEDY, B.S.Ed., Goshen College, 1958  
 CYNTHIA TURLEY REYNOLDS, B.S., 1967  
 ERIC SPEER RUBY, JR., B.S.E.E., Valparaiso University, 1958  
 JANE WINJE RUEDI, A.B., Sweet Briar College, 1959  
 CHARLES RICHARD SCHICKNER, B.S., Morehead State College, 1965  
 JANICE SIRLES SCHOEN, B.S., Southern Illinois University, 1968  
 JEFFERY DANA SHERRILL, B.S., Colorado State University, 1963  
 MARGARET JOHNSON SHURTLEFF, B.S., University of Minnesota, 1943  
 RALPH CHARLES SIEGMUND, B.S., 1969  
 JOAN GREGOR SKIBBE, B.S.Ed., Illinois State University, 1961  
 MARY KATHRYN SKUPNIEWITZ, B.A., Mount Mary College (Wisconsin), 1966  
 CARL HOWARD SLATER, A.B., Harvard College, 1963; M.D., University of Colorado, 1968  
 CAROLYN ANDERSON SMITH, B.S., 1960  
 GLORIA LEE SMITH, B.A., American International College, 1967  
 JEAN MARIE SMITH, B.S., 1964  
 PAMELA HAMMERS SPECHT, B.S., University of Wisconsin, 1967  
 BERNADINE EVANS STAKE, B.S., University of Nebraska, 1961  
 GRETCHEN ALBERS STORM, B.S., University of Wisconsin, 1967  
 GERALD ROBERT TVRDY, B.Ed., Northeastern Illinois State College, 1962  
 KAREN KAY UHREN, B.S., Northern Illinois University, 1967  
 WAYNE VAN NORD, B.S., Michigan College of Mining & Technology, 1951  
 NED F. VAN VOORHIS, B.S., Eastern Illinois University, 1950  
 ALLEN FRANCIS WALL, B.A., Central Washington State College, 1956  
 NANCY HASCHEMEYER WELLS, B.S., Western Illinois University, 1965  
 JACQUELINE KAY WILSON, B.S., 1968  
 SHARON LOUISE WINELAND, B.S., 1968  
 GENE THOMAS WOLFF, B.S., Wisconsin State College, 1958

#### Degree of Master of Social Work

VIRGINIA ANNE BACH, B.A., Illinois Wesleyan University, 1967  
 JUDITH SCOUFFAS BARNES, A.B., 1968  
 RITA JANET BRESNAHAN, B.A., St. Ambrose College, 1960  
 VIRGIL LOYD CARNER, B.S., Union College, 1966  
 FREDA HARMON CARPENTER, A.B., 1967  
 MARY ANGELA CRONIN, B.A., St. Mary's College, 1968  
 DENICE JEAN FITCHIE, A.B., 1968  
 WILLIAM TRUPANT FOSTER, B.S., Iowa State University, 1968  
 NATHANIEL GIBSON, B.S., Tennessee Agricultural and Industrial State University, 1962  
 MIKE HALUZAK, B.S., Southern Illinois University, 1964  
 STEPHEN JOEL HARRIS, B.A., Hamline University, 1966  
 BARBARA SCOTT HEDSTROM, B.S., Western Reserve University, 1965  
 JANE EICHENAUER HURIE, A.B., MacMurray College, 1942  
 PATRICK HARMON IRWIN, B.S., University of Wisconsin (Milwaukee), 1967  
 LOREN LEE JANS, B.A., Upper Iowa University, 1965  
 KATHLEEN SUE JESKO, B.A., Northern Illinois University, 1966  
 JUDITH ANN JOHNSON, B.A., Bethel College (Minnesota), 1968  
 PAULETTE KUNZA JOHNSON, B.A., Bethel College (Minnesota), 1968  
 MOREEN PATRICIA JONES, B.A., Suffolk University, 1968  
 CAROLYN HOLLOMAN KEMP, B.A., Southern Illinois University, 1968  
 LEONARD DEXTER KEMP III, B.A., Southern Illinois University, 1967  
 JAMES ALOYSIUS KNIERY, B.A., Aquinas Institute of Philosophy and Theology, 1958  
 BRUCE CARR LAMONTAGNE, A.B., 1967  
 RONALD DEAN LEUPP, B.A., Bethel College (Kansas), 1968  
 LAUREN RAE MALKIN, B.S., 1968

SUSAN LANGDON MEDWAY, B.S., Northwestern University, 1964  
 STEPHEN DUANE MILLER, B.A., Goshen College, 1965  
 SANDRA TILLY MITCHELL, A.B., 1966  
 RONALD JAMES MONTROYA, B.S., Southwest Missouri State College, 1967  
 WILLOW SEKIYA MORTON, B.S., 1968  
 ELAINE MOLCHANOV NOLAND, A.B., 1968  
 SANDRA JOHNSON O'MEARA, A.B., 1968  
 JANE ROIS OPSKAR, B.A., University of Minnesota, 1966  
 JOAN MARIE OSDIECK, A.B., Saint Louis University, 1968  
 BENJAMIN EUGENE PACE, B.A., Bob Jones University, 1954  
 LINDA GAYLE PANTALL, B.A., Roosevelt University, 1966  
 MARIO PELLICCIONE, Jr., B.A., City University (New York), 1961  
 HENRY WILLIAM PILGRAM, A.B., University of Missouri, 1955; B.D., McCormick Theological Seminary, 1959  
 THOMAS HOWARD PRICE, B.A., Kenyon College, 1963  
 SALIE JEAN ROSSEN, A.B., Indiana University, 1966  
 SHIRLEY SMITH RUPPECK, A.B., 1965  
 MARY LEVINE SOLA, B.A., Northern Michigan University, 1968  
 LINDA ANN THOMAS, A.B., 1967  
 NORMAN BURK THOMPSON, B.S., Eastern Illinois University, 1961  
 DAVID ROBERT TIFFANY, A.B., MacMurray College, 1964  
 JANE ANN VAGTS, B.A., Wartburg College, 1968  
 AMPARO GOMEZ VALBUENA, Lic., Colegio Mayor de Cultura Femenina de Cundinamarca, 1965  
 KATHLEEN CORRIGAN WALSH, B.A., Loyola University, 1968  
 ROLAND WILLARD WOLFE, A.B., Olivet Nazarene College, 1967

#### Degree of Master of Television

PATRICIA ROSEANN PINIANSKI, A.B., 1967

#### Degree of Master of Architecture

KEE KHANISTANAN, B.Arch., Chulalongkorn University, 1965  
 SINEENART SODSATHIT, B.Arch., Silpakorn University, 1967

#### Degree of Master of Accounting Science

GAIL LEE ALLAMAN, B.S., 1968  
 JAMES LESTER BUYSE, B.S., 1969  
 KOON-HUNG CHAN, B.Com., Chinese University of Hong Kong, 1968  
 DAVID RAY CURRIE, B.S., Illinois State University, 1969  
 HAROLD MITCHELL GRAHAM, B.M.E., Rensselaer Polytechnic Institute, 1956; M.B.A., University of Rochester, 1969  
 DENNIS FRANCIS JOSEPH, B.S., Jamestown College, 1968  
 DAVE HARTLEY LEMOINE, B.S., Illinois State University, 1968  
 DANIEL RAY TIDRICK, B.S., Ohio State University, 1968

#### Degree of Master of Business Administration

RICHARD JAYE COLVER, B.S., 1967  
 RAYMOND WALTER LEBOEUF, B.A., Northwestern University, 1967  
 JOSEPH WILLIAM MERTES, B.B.A., Georgia State College, 1967  
 ROBERT EDGAR MORGAN, B.S., 1959  
 TERRY EDMUND SORENSSEN, B.S., 1968  
 LUIS JAIME VÁZQUEZ-CARO, B.B.A., University of Miami, 1967

#### Degree of Master of Commerce

RICARDO UCHOA ALVES LIMA, Dipl., São Paulo School of Business Administration, 1967  
 THEODORE CHARLES SWARTZ, B.S., Iowa State University, 1968

#### Degree of Master of Comparative Law

HAROLD LEE DORSETT, LL.B., LL.M., George Washington University, 1942, 1947  
 JAN LENZSEN HARTMANN, Juristische Staatsprüfung, University of Freiburg, 1966

**Degree of Master of Extension Education**

JOHN IRVING GOODRICH, B.S., 1960

**Degree of Master of Landscape Architecture**

JOSEPH LESTER GERACI, B.F.A., 1964

TERENCE GENE HARKNESS, B.F.A., 1966

BRUCE LYMAN HUTCHINGS, B.Arch., University of Nebraska, 1961; M.Arch., 1968

ROBERT WILLIAM ZOLOMIJ, B.S., Pennsylvania State University, 1965

**Degree of Master of Urban Planning**

WILLIAM ALLAN FACTOR, B.A., University of California (Los Angeles), 1967

**Degree of Master of Laws**

JOSEPH DANTE GRANO, A.B., J.D., Temple University, 1965, 1968

**Advanced Certificate***In Education*

ROSITA TENN ALBA, B.Ed., University of Hawaii, 1964

HILDA ROODHOUSE ALEXANDER, B.S., MacMurray College, 1939; Ed.M., 1968

LAVERE LOUIS ASTROTH, B.S., M.S., 1942, 1950

JOHN ARNOLD DICKSON, B.S., Ed.M., 1958, 1961

WARREN CLIFFORD ELLIS, B.S.Ed., Northern Illinois University, 1949; M.S., 1951

ROBERT CAESAR HAYNIE, B.S.Agr., Arkansas State College, 1937; M.S., University of Arkansas, 1953

ELIZABETH ALLEN LEMONS, B.S., M.S., 1945, 1947

JANET LOUISE WENGER PIRNAT, B.S., Pennsylvania State College (Lockhaven), 1961; Ed.M., Temple University, 1965

NORBERT FRANCIS POHLMAN, B.S., Ed.M., 1950, 1959

GLORIA BULAN SHIER, B.Sc., University of Santa Tomas, 1956; A.M., 1968

THOMAS ALAN WACHTER, B.S., Illinois State University, 1952; Ed.M., 1959

DANIEL PITTMAN WILSON, A.B., Wheaton College, 1964; Ed.M., 1966

**COLLEGE OF AGRICULTURE****Degree of Bachelor of Science***In Agriculture*

IDA KATHLEEN ALISON

JAMES LESLIE AYERS

RONALD DEAN BEASLEY

RICHARD LEROY BIRD

DOUGLAS ROBERT BLOCK

ALAN LOUIS BORHART

DAVID EUGENE CAMAC

RICHARD LOWELL DUERINGER

ROGER EARL EDWARDS

THOMAS RAY FISHER

PAUL EVERETT GANTZERT

MARY FRANCES GILLESPIE

RICHARD FRANCIS HANSEN

DELMAR DARYL HOUGHTON II

LARRY ALLEN ISHMAEL

MANNAH FODAY KALLON

JOHN GRANT KINSEY

JEWELL MARY KIRKPATRICK, Honors

DONALD ARTHUR LINDAHL

RICHARD WAYNE LOHMAN

CHARLES EDWARD MALLEY

JAMES LESTER MORRISON

CHARLES JOSEPH NOLAN, Honors

IGNATIUS UGWUDIKE OBI

DONALD LLOYD OWINGS

JEROME ARTHUR PILLATH

LA VERN ROSS REIERSON

ROBERT WILLIAM RINGLER

RODNEY EUGENE ROBERTS

JOHN THOMAS ROWE

GARY DUANE SCHOOF

WARREN CARO SHAFER

ROBERT PARKER STEIDL

JOHN NEIL STEVENS

MICHAEL COLE WALSTEN

RICHARD RAY WAX, High Honors

STANLEY ALLEN WEBER

STEVEN LEE WENDELL

DUANE DANIEL YOUNG

GENE EDWIN ZUMWALT



*In Floriculture and Ornamental Horticulture*

ROSCOE GOODWIN  
STEPHEN RAY HARTMAN

JAMES LYNN McCONNELL  
LOREN CHARLES SWARTLEY

*In Food Science*

KENNETH LEE PALMER

*In Forestry*

DALE CRAIG ADAIR  
GEORGE HENRY FRITZ  
THOMAS JOSEPH JACOB  
CHARLES JOHN MRISKA

JAMES MARK PATTON  
LONDON HARRISON RHODES  
RICHARD CHARLES WEISE

*In Home Economics*

PAMELA SUE ANDERSON  
STEPHANIE LUAN ANDERSON  
BETH ANN BABCOCK  
SHARON SADDORIS BOHLEN, Honors  
PAMELA LOOMIS BROCH  
NANCY RAMSEY CONN  
JANET LEE GREGER, High Honors  
JACQUELYN ERNST HAYDEN  
NANCY JO JOB  
MICHELE JOANNE JOYCE  
MARY GEORGIA KAMINSKI  
JANET SUE KOLMER, Honors

JOANNE CAROL LONGLETT  
SHIRLEY PECHARICH McELVAIN  
JANE MABRY MCINTOSH, Honors  
ANNETTA CROUSE MURAWSKI  
DARLENE JOY OBEJDA, Honors  
PAMELA JO OSBORN  
PAMELA HUNT REYNOLDS  
PAMELA KAY SHAW  
JUDITH KAY SIMS  
LAJAN TATUM  
GAIL LUCILLE WHISLER

*In Home Economics Education*

ANN CULBERTSON  
DEBORAH EWING SMITH

PATRICIA PORCH STIER  
PATRICIA ANN WELLER, Honors

## COLLEGE OF ENGINEERING

## Degree of Bachelor of Science

*In Aeronautical and Astronautical Engineering*

THOMAS ROBERT BERTHOLD, High Honors  
UNES JAY BOOTH  
ROBERT WILLIAM BURNITZ  
RICHARD HENRY BURZYNSKI  
ROBERT EMIL COSER  
LAWRENCE ALAN COX  
JOHN MORGAN COYLE, High Honors  
MICHAEL LEE DASHNER  
STEVEN LEE DIXON  
ALVIN DAVID DOBROWSKI  
KARL SOREN FORSSTROM  
DAVID ALLEN GRONEWOLD, Highest Honors  
LARRY WILLIAM GUSTAFSON

MATTI HARM  
HAROLD WILLIAM HILL  
GARLAND RUSSELL JOHNSON, JR.  
RICHARD ARLEN KIEFER  
JOE ALLEN LAMB  
ROBERT GEORGE LESCH  
MICHAEL BERTRAM MERRILL  
DONALD CARLTON MONTGOMERY  
ROBERT ALAN MORSTADT  
NORBERT JOHN SALZ  
JAMES HENRY SCHAUBLE  
DAVID ARTHUR SCHEIWE  
STEWART ALAN STODDART  
STEVEN PAUL STREITMATTER  
STEVEN ALAN TURNER

*In Agricultural Engineering*

GARY ALBERT BROWN  
GARY WILLARD BURDICK  
WILLIAM RICHARD COEUR, Highest Honors  
TERRY RAY COLLINS  
WILLIAM SYLVESTER EDWARDS  
MONTE PHILLIP HINES, Honors

NORRIS BROWN LESSLEY  
JOHN ROY PATTERSON  
JOHN THOMAS SIMPSON  
FREDERICK EARL SISTLER  
JOHN NEIL STEVENS  
DONALD ELDO TATE  
CHARLES JOSEPH WHITTINGTON

*In Ceramic Engineering*

DAVID AARON ANDALMAN  
NANCY LEE BARKER  
JAMES HAROLD GINTHER, JR.

CHRIS JOE GOODBRAKE  
JAMES NOEL HUMENIK  
RONALD LYLE JONES

TERRY LYNN MERRICK  
JAY PATRICK PAGE  
ROBERT ANTHONY RITA, High Honors

EDWARD RAYMOND SALM  
GARY DENNIS SCHNITTGRUND  
RICHARD WAYNE YELVERTON

*In Civil Engineering*

DANIEL NICHOLAS ABRUZZO  
THOMAS CHARLES ANDERSON, High Honors  
JAMES LEROY BERROYER  
RICHARD EUGENE BIDDLE  
RALPH L. BULLER  
RAYMOND WILLIAM CARLS  
JERRY EDWARD CUNNINGHAM  
RICHARD ARMAND DANIELS  
LARRY DON DAY  
THEODORE MARTIN DENNING  
DAVID HAROLD EKSTROM  
THOMAS STEPHEN FERO  
TOBY DEL FREVERT  
RENE FRANCISCO FUENTES  
JOHN ROBERT GARRELTS  
CHARLES THOMAS GOEWY  
DANIEL LEE HAVENER  
ROBERT ROYAL HEAP  
JOHN LOUIS HOEBEL, Highest Honors  
MICHAEL EDWARD HUGHES  
CLIFFORD ROY JONES  
RICHARD LeROY KARNOPP  
GARY ALAN KENT  
LESTER JOHN KOBYLAR  
MICHAEL LANDEROS  
F. JAY LINDHJEM

RICHARD JOHN MANN  
WILLIAM EUGENE MCCLEISH  
WILLIAM DENNIS McDONALD, High Honors  
DARRELL WAYNE MCMURRAY  
WILLIAM LeROY MONTGOMERY  
WILLIAM WALLACE MORROW  
JAMES ALLEN NANNINGA, High Honors  
JAMES RAY PAWLISCH  
ALBERT JOSEPH REINSCHMIDT  
GEORGE ALBERT RUSSELL III  
EARL JOSEPH SCHROEDER  
THOMAS EDWARD SCHROEDER  
JOHN EDWARD SEPICH  
JOHN O'BYRNE SHAPLAND  
GREGORY PAUL SLAMP  
JAMES ROBERT SPAGNA  
TODD HENRY STEINKE  
STEVEN ALAN SUMNER  
STEPHEN CHARLES SWIFT, Honors  
RICHARD JAMES TAPPAN  
STEPHEN ALAN THOMPSON  
JOHN RAYMOND TRENTACOSTI  
PHILIP BRUCE WALLER, Honors  
CHARLES KIMBELL WEBSTER  
LARRY WARD WELLS

*In Electrical Engineering*

HAROLD WAYNE ALEXANDER  
LOUIS GREGORY ALSTER  
CHARLES WADE ASBURY, Jr., High Honors  
WILLIAM THOMAS BIELBY, High Honors  
DANIEL WAYNE BREWER  
WARREN FRANCIS BRINGER  
THOMAS RICHARD BRINKOETTER, High Honors  
WILLIAM JOHN BURRZINSKI  
JOSEPH EDMUND BUSHMAN  
SAMUEL EDWARD CARRUTHERS, Jr.  
Po SHEUN CHUNG, Highest Honors  
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ANGELO ANTHONY DIMONTE  
RUSSELL DEAN DUPUIS, Highest Honors  
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RUSSELL JOHN HANNULA, High Honors  
RONALD EUGENE HART  
AMEED IHSAN HASHEM, High Honors  
DAVID RICHARD HERTLING, High Honors  
DAVID EUGENE HOUSER, High Honors  
JAMES ALLEN HUIZENGA

DONALD WILLIAM JAMES  
BLAKE RICHARD JOHNSON  
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ROBERT LINN KREUTER  
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NORMAN WAYNE MAY, Highest Honors  
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DAVID HAROLD CHEN  
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NEAL WARREN NICHOLS

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DAVID LEON OSTRODKA, High Honors  
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WARD HANFORD CRAMER, JR.  
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BARRY RAY GOODMAN  
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RANDALL KANE KRAUSE  
HERBERT WILLIAM LINNE  
ANDRIS MANEKS  
BRUCE ALEXANDER MCINTOSH  
ROY MASARU NAKAMURA  
LARRY STEPHEN SAXBY  
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*In Industrial Engineering*

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PAUL THOMAS LOVERN

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 PETER LAIRD VALLANDIGHAM  
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 THOMAS FRANCIS ZBOROWSKI  
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 LOUIS KATZ  
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DAVID PAGE SHAPLAND  
 JAMES WILLIAM SKOGSBERG, Highest  
 Honors  
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COLLEGE OF LIBERAL ARTS AND SCIENCES

Degree of Bachelor of Arts

*In Home Economics*

PAMELA KASBEER HENKEL

*In Liberal Arts and Sciences*

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 NANCY JEAN JOHNSON BALZ  
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 ROBERT JOHN CARLSON  
 DANIEL RICHARD CHERSKOV  
 STEVEN CARL CHOISSER  
 NANCY JILL CLAAR  
 DAVID JASPER COGNATA  
 MICHAEL ANTHONY CONWAY  
 DUANE FRANCIS CROMWELL, High Hon-  
 ors in Liberal Arts and Sciences  
 with Distinction in Political Science  
 VINCENT TERRY CULLERS, JR.  
 WILLIAM MERWIN DEBORD

FRANK WILLIS DENISON III  
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 LILIA DURON  
 BARBARA LEE EDWARDS  
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 LINDA ANN ENGLISH, High Honors in  
 Liberal Arts and Sciences with Dis-  
 tinction in English  
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 Liberal Arts and Sciences with Dis-  
 tinction in Music  
 FRANCIS GERARD FANNING  
 JAY ARTHUR FARRELL, High Honors in  
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 DIANNE SUSAN HAMICK  
 DALE ALAN HARRIS, with High Distinc-  
 tion in Political Science

MICHAEL RAY HAYS, Honors in Liberal Arts and Sciences  
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 STEPHANIE MAGILL, with Distinction in Anthropology  
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 GUINEVERE SMITH MARTIN  
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 MARIANN NOLTA McDONALD  
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 CAROL COLLISTER MICHALAK, High Honors in Liberal Arts and Sciences with Highest Distinction in German  
 SANDRA NATSUKO MOTOSAKA  
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 FRANCINE GRACE PATTERSON, High Honors in Liberal Arts and Sciences  
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 SABRA SUNDT JACOBS  
 TIU VOHMA KAYSER  
 CHRISTIE KAY OLSON, High Honors in Liberal Arts and Sciences with High Distinction in the Curriculum  
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 GWENDOLYN ANN PAYNE  
 NANCY SUE RABIN, Honors in Liberal Arts and Sciences  
 TERENCE FAY SEBRIGHT  
 LINDA ANNE SZALKOWSKI  
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SUZANNE ELIZABETH SPINNER

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 LUDMILLA VALENTINA REVENKO  
 VERA ULANOWSKI, with Distinction in the Curriculum

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ors in Liberal Arts and Sciences  
JILL DEWINTER HARTLEY  
PAUL HERSCHEL HERCHE  
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Liberal Arts and Sciences  
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Liberal Arts and Sciences  
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DIANNE MASSOCK, High Honors in Lib-  
eral Arts and Sciences

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in Liberal Arts and Sciences  
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Honors in Liberal Arts and Sci-  
ences  
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MYRA ANN MARTIN

ROBIN SELLERS PEPPER  
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MARIJANE HARCKE SWANSON

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LAURA LYNN SCHULTZ HASTINGS

KENT MAURICE MELCHER

**Degree of Bachelor of Science**

*In Chemical Engineering*

GEORGE TIMOTHY BACHMAN  
DONALD LEROY BUNNING, High Honors  
in Liberal Arts and Sciences with  
Highest Distinction in the Curric-  
ulum  
GERALD DECESARO, High Honors in  
Liberal Arts and Sciences with  
Distinction in the Curriculum  
JEFFREY LEE DUNCAN, High Honors in  
Liberal Arts and Sciences with  
Highest Distinction in the Curric-  
ulum  
WAYNE DAVID ELLISON  
JOHN BENARD FOLKERS  
ROBERT MARTIN GARBER

ROBERT LARRY HOWELL, High Honors  
in Liberal Arts and Sciences with  
Distinction in the Curriculum  
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JEFFREY JAMES LAWHORN  
DALE RODNEY LYONS  
LARRY ALBERT MULDER  
RONALD LEE ROLANDO, High Honors in  
Liberal Arts and Sciences with  
Highest Distinction in the Curric-  
ulum  
ALAN KENT SHADENSACK  
JEFFREY HOWARD WALDBESER, High  
Honors in Liberal Arts and Sci-  
ences with High Distinction in the  
Curriculum

*In Chemistry*

LARRY RICHARD FREDRICKSON, with Dis-  
tinction in the Curriculum  
NICHOLAS JOHN LOY, with Distinction  
in the Curriculum

ROGER MARTIN RADUE  
LAURENCE TOWNE WYLIE, High Hon-  
ors in Liberal Arts and Sciences

*In Liberal Arts and Sciences*

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MICHAEL WAYNE BLAZIER  
MARLA SUE BORCHERS, High Honors in  
Liberal Arts and Sciences  
STEPHEN BEN BRAHILL, High Honors  
in Liberal Arts and Sciences  
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GRETCHEN DIGMAN BUTERA  
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ROBERT EUGENE CARRARO  
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CLINTON EARL DIEKMAN  
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DEBORAH FOSTER GANAWAY  
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 THOMAS ALLEN GUSTAVSON  
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 MARTHA ALICE HOHN, Honors in Liberal Arts and Sciences  
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 CAROLE GAETZ HUNTER  
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 MARY ANN KAUTZ  
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 ELIBETH ANN LAWLER  
 WILFRED PAUL LAWRENCE  
 BRUCE ROBERT LEASURE, High Honors in Liberal Arts and Sciences with Distinction in Mathematics and Computer Science  
 RUTH ANN LEE  
 ARTHUR JOHN LEMKE  
 KRISTINE BRZEZINSKI LESTON  
 JORDAN MARK LIBIT  
 JOHN CHARLES LINDQUIST, with Distinction in Mathematics

KURT ERIC MARHOEFER  
 JEROME ARNOLD MATTINGLY  
 KAY ELLEN MCCRARY  
 ANNE LOUISE MCNAMARA  
 ROBERT ARTHUR MICKELSEN  
 ROBERT ALLEN MILLER  
 RONALD PAUL MOWERS, High Honors in Liberal Arts and Sciences  
 MICHAEL MARTIN MURPHY  
 CHRISTINE KLUG OWINGS, High Honors in Liberal Arts and Sciences  
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 MICHAEL RISZKIEWICZ  
 JAMES EDWARD ROMAN  
 NILES ROBERT ROSEN, High Honors in Liberal Arts and Sciences with Highest Distinction in Statistics  
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 JANET SUE SNEATH  
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 DONALD GENE STEELY  
 JOHN THEODORE SZYMANSKI, High Honors in Liberal Arts and Sciences with Distinction in Mathematics  
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 KAREN INGWERSEN TOEDTER  
 VIRGINIA STIRTON WADLEIGH  
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 DAVID SCOTT WASHBURN  
 WILLIAM JOHN WHITE  
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 MARTIN DAVID YONKE  
 LYNN KAREN ZACNY  
 MILES J. ZAREMSKI  
 PAUL JOHN ZIMA

#### *In Physics*

JOHN EDWARD GRIMSLEY

HARRY WAYNE McQUEEN, High Honors in Liberal Arts and Sciences with Distinction in the Curriculum

#### *In Speech Correction*

MARY LOUISE McHENRY  
 MARY PATRICIA DEAN SCALIATINE

JANET CLAIRE WAGNER, High Honors in Liberal Arts and Sciences with Distinction in the Curriculum

#### *In the Teaching of Biology*

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 MAUREEN THERESA ANN HUGHES

RENDIA LAYNE HUGHES  
 DENNIS ALAN KAPLAN  
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 VIRGINIA ADELE RICE

#### *In the Teaching of Chemistry*

TED JOSEPH SINGLETARY



*In the Teaching of Earth Science*

TERRY LEE CARIUS

*In the Teaching of Mathematics*

MARLENE BLUM ABLIN, Honors in Liberal Arts and Sciences

MICHAEL LEE ANDREWS

LOIS MARIE BRAUER, High Honors in Liberal Arts and Sciences with Distinction in the Curriculum

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GRACE LUCILLE GASPARRO, High Honors in Liberal Arts and Sciences

NANCY LORRAINE KOERNER, High Honors in Liberal Arts and Sciences with Distinction in the Curriculum

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RONALD MILTON MEYER

REGINA KAY MIDYETT

KATHRYN JOAN SCHILL

BEVERLY JANE WISEMAN

*In the Teaching of Physics*

ARTHUR STOBIE BUSWELL

## COLLEGE OF LAW

## Degree of Juris Doctor

BRUCE WALLACE BAIRD, B.S., Northern Illinois University, 1967

JOHN ALBERT BEYER, B.S., Northern Illinois University, 1967

HEN-CHIE CHEN, B.A., National Taiwan University, 1963; M.C.L., 1967

KEITH HOWARD FITZGERALD, B.A., Southern Illinois University, 1967

MICHAEL OTIS GIBSON, B.A., St. Procopius College, 1967

KENNETH HOWARD GRANAT, B.B.A., University of Michigan, 1967

DAVID CHARLES KOPP, B.S., Northern Illinois University, 1967

RICHARD RANDALL PACE, B.S., United States Naval Academy, 1963

DONALD CHESTER PLACE, JR., B.A., Dartmouth College, 1967

MICHAEL Duer Rapp, A.B., University of Michigan, 1962

DAVID JEROME RICHTER, B.S., University of Wisconsin, 1962

WILLIAM MOORE ROBERTS, B.S., 1958

MARY JANE REYNOLDS WEBB, B.S., University of Arizona, 1962

FRANK RAYMOND WIEMERSLAGE, B.S., 1965

## COLLEGE OF EDUCATION

## Degree of Bachelor of Science

*In Elementary Education*

NANCY ADAMS, Honors

CAROL JOAN JOHNSRUD ADLER

ANGELA JANE BABEL

DEBORAH RAE BERGER

CLAUDIA BOVEE BROOM

LINDA THOMAS BURKE, Honors

MARGARET SUE CARROLL, High Honors

PATRICIA ANN CERAJEWSKI

JACQUELINE KAY CLARK

LUCY VIRGINIA CONROY

ELEANOR STOFFER COX, Honors

MARY KATHERINE DORRIS FONNER, High Honors

MARIE SKOIRCHET GOVERT, Honors

WENDY LEE GUNTHER

CAROL MILLER HAIN

NANCY ANN HALLSTROM

PATRICIA ANNE HENDRICK

LINDA SUSAN JAVOR

DONNA LAUER JOHNSON

JANSELY JOHNSTON

JANIS SUE KALMANSON

CAROLYN WILTBERGER KREMPL

KAREN JUDY LEIN, High Honors

SUZAN ROSS LEWKE

SHARI RAE MADDEN

DIANE LOUISA MELTON, Honors

ROWENA HODGETT MILLER

JEANNE MARIE DAVIES MONTGOMERY, Honors

SUZANNE ELAINE MORTHLAND

BARBARA FERN PARKER

LINDA JANICE PETERSEN

SHERI HUMPHREY PETERSON

JANYCE CONNELL PHILLIPS, Honors

MAXINE LEVINE PRICKETT

SUSAN HUDDLESTON PURKISER

ROCHELLE SIEG RAMBACH

BETH ELLEN ROBBINS, Honors

MARCIA CLAIRE RUSTIN, Highest Honors

SUE KENTNER SEYMOUR, Highest Honors

CAROL ANN SHERRICK

CHARLENE MCGEE SMITH, High Honors

KAREN ESMOND SPINHIRNE, High Honors

GAIL LORRAINE STERBA, Honors

PATRICIA ANN STINE, Honors  
 LYNDA LOU STRATMAN  
 RUTH ANN MASTERTON TRULOVE

MARY BAER VICKERS  
 NANCY JANE WALKER  
 GAIL SUE WERNIKOFF, Honors

*In Industrial Education*

ROBERT PAUL BERTHOLD  
 ALAN NIGEL CARSON  
 GEORGE BYRON CLARK  
 EDWARD EPPERSON FOUTCH  
 GERALD LEON GRANER  
 JEFFREY ALAN JOHNSON  
 DENNIS JULE KREKLOW  
 DAVID NEIL McLANE

LENNARD GEORGE PAULSEN  
 RALPH WALTER PLUMMER, JR.  
 LARRY FRANCIS SMITH  
 ROBERT ALLEN STEEL  
 PHILLIP DOUGLAS TUNSTALL  
 THOMAS SAMUEL VALENZIA  
 JAMES EUGENE VLIET  
 JAMES FREDERICK YAISER

*In Secondary Education*

PAUL VICTOR BRODT  
 ADAM GEORGE CHUBINSKI  
 HAROLD BERNARD DEAN, Honors  
 BENJAMIN ALFRED HALLADA  
 CAROLYN JANE COTTLE HAMILTON

PHILIP KEITH HUMMEL  
 JULIE LYNN PEARSON  
 HARRY LEE SIMONSEN  
 JUDITH ANN WILLIAMS  
 CRYSTAL SLADE YON

COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION

Degree of Bachelor of Science

*In Accountancy*

RICHARD CHARLES AHERN  
 JOHN FRANK AKEMANN  
 WILLIAM FRANK BARIDON  
 WILLIAM HOWARD BARRICK  
 JAMES ROLF BJERKAN  
 WILLIAM MICHAEL BLANDA  
 GAREN GENE BOHLIN  
 GARY KESTER BOWEN  
 PATRICIA ANN BUTTS  
 DANNY LEE CARLSON  
 JAMES ROBERT CARLSON  
 RICHARD ALAN CARLSON  
 BARRY STEVEN CARNOW  
 JANET LYNN CAYTON  
 ROBERT KENT CHALBERG  
 ROBERT EUGENE CROWSON, JR.  
 DANIEL NOEL CUMMINGS  
 JAMES RICHARD DANIEL  
 JAMES BERNARD DIECK  
 KATHLEEN BURKE EDWARDS  
 MICHAEL LEE EMIGH  
 WILLIAM FRED EVANS, Honors  
 MICHAEL EDWARD FITZGERALD  
 LAWRENCE FITZPATRICK  
 ROGER GLENN FRANCIS  
 JOSEPH ALBERT FRANZ III, High  
 Honors  
 MARK EDWARD FRIEDMAN, Honors  
 JOHN ALAN GREENWELL  
 STEPHEN JAY HARRISON

JOHN KEITH HASSENPLUG  
 FRANK CHARLES HAUBNER  
 THOMAS KING JARRETT  
 SHEILA THYRA JONES  
 THOMAS WILLIAM KURTH  
 WILLIAM PAUL LUXEN  
 DAVID WESLEY MINICK  
 JOHN RICHARD MOHAN  
 DWAYNE IRWIN MORRISON  
 THOMAS LAWRENCE NOLAN  
 LESLIE BARRY OLEFSKY  
 EDWARD LEO PANIAK  
 JAMES ROGER PATTERSON  
 ALAN FRED PORTELLI, Honors  
 RICHARD JOSEPH REGNIER  
 RICHARD JAY RICE  
 ROBERT WILLIAM RUBEL  
 ALAN RIEPE SCHAFFER  
 TERRELL LEE SHARP  
 PETER LAWRIE SHAW  
 STANLEY CLARK SHOBE, Honors  
 DAVID CRAIG SHOEMAKER  
 RONALD FLOYD SIEGEL  
 JAMES LEE SNYDER  
 LAWRENCE RAY STEINER  
 GAYLE ELLEN STONE, High Honors  
 CURTISS DAVID SUMMERS  
 CAROL ANN SWIDERSKI, Honors  
 CHARLES HUGH THOMPSON  
 WILLIAM MICHAEL VICHICH

*In Commercial Teaching*

NANCY JEAN BERRIE  
 MARIAN LOUISE BEYER

BETTY SUE RIGGINS, Honors  
 LINDA BENTLEY SHIRLEY

*In Economics*

JEAN MICHEL CORTES  
 MITCHELL FRANK STEVENS

MARY FIJAK THOMAS  
 MELVIN LEE WYNS

*In Finance*

BRIAN GEORGE ALTMAN  
KENNETH EDWARD BARRAGREE  
RONALD RICHARD BOOKLAND  
STEVEN MARK BRUNNER  
EDWARD CHARLES CAHILL, JR.  
KENG-JUEA CHEW  
MICHAEL WAYNE CLARK  
ALBERT JOSEPH DE VON, JR.  
RICHARD ALLEN DRYSDALE  
JAMES JOHN ELLIS, JR.  
WILLIAM GIBONEY EVANS  
LARRY GILBERT FETZER  
WILLIAM TYLER HARD  
JOHN DONALD HOWAT  
JAMES MICHAEL JACOBS  
JAMES JOHN KERWIN

LARRY THOMAS KLOBE  
JOHN HARLAN LAMB  
DAVID LYNN MILLER  
RONALD EMMET MOEHLING  
DANTON FRANCIS MULCAHEY  
ROY EGIL PEDERSEN  
DAVID LEE POSKA  
ROBERT HILL PROLA  
FREDERICK CHARLES QUIRSFELD  
TERRY LEE REYNOLDS  
MICHAEL PHILLIP RYAN  
ALLEN DALE SEEVERS  
CHARLES EDWARD STALEY  
MICHAEL LEE STASKO  
JOHN LLOYD STOETZEL  
RICHARD BRUCE TRAVIS

*In Industrial Administration*

DONALD WILLIAM BENNETT  
BRUCE RICHARD BROWN  
WILLIAM EDWARD COPELAND, JR.  
JOSEPH ROBERT DANIELS  
GARY LAMAR GENTRY  
JOHN GREGORY GOESSLING  
RONALD EUGENE GRABB  
DENNIS DEE HALL  
RUSSELL JOHN HOFMANN  
WAYNE ALAN LENCZYCKI  
GARY LEE MILLER  
BRUCE RAYMOND MINALE  
KENNETH ROBERT MORGAN

THOMAS THEODORE OSBERG, Honors  
JOHN ARTHUR PENNING, JR.  
CHARLES EDWARD PONSONBY  
GEORGE RONALD POWERS  
GARY LEE SILL  
PAUL THOMAS SMITH  
GARY ELDON STEINER  
JEFFREY LEE SWANSON  
JAMES MICHAEL WIERDAK  
KENNETH LAVERNE WOLGAST  
STEVEN ALBERT WRIGHT  
RICHARD ANTHONY ZEFFIRO  
KENNETH ERNEST ZUHLKE

*In Management*

TERRANCE LEO O'NEILL

*In Marketing*

JAMES WILLIAM BAKER  
JOHN CARL BERT  
MICHAEL ANTHONY DUBROVICH, JR.  
JOHN BARCLEY ELLOR, JR.  
MYRON GLASSMAN  
RICHARD JOHN HANDZO  
JEFFREY LEE HAYS  
JOHN LEONARD HERZBERGER  
NANCY THAL HUPFER  
LARRY BRYAN JOHNSON  
ALAN MICHAEL KLEIN  
DIANE JEAN MERGEN  
MICHAEL ALAN MIELE

EDWARD HOWARD MISHLOVE  
THOMAS LEE MITCHELL  
MICHAEL PAUL MURAWSKI  
JANICE GRACE POTT  
JOHN PETER ROWE  
BRUCE ALLEN SELF  
RICHARD HENRY SHIRLEY, JR.  
PAUL FRED STONE  
HAROLD RICHARD VANSELOW, JR.  
MARTIN CARL VOSS  
ROBERT LELAND WEILBACHER  
LARRY LEE WILSON  
GARY LEE YORK

## COLLEGE OF COMMUNICATIONS

## Degree of Bachelor of Science

*In Communications*

ANDREW ALAN BENDEL, Honors  
RHONA SONDR A BERKOWITZ, High  
Honors  
CHARLES ARTHUR BOUDREAU, Honors  
BARBARA LYNNE CHESNA  
THOMAS ROBERT CLARK  
TERRANCE JOHN CONNELLY  
GREGORY EDWARD CORCORAN

KATHY KUHNER DOCTER  
DAVID VERNON DVORAK  
ROBERT RUSSELL GERCHES  
MARTIN JOHN GOERS, JR.  
STEVEN DENNIS GOLDBERG  
MICHAEL ALEXANDER GRANT  
EDWARD JOSEPH GREEN  
EDWARD LOUIS HOWARD

VERNON BALDWIN KINNEE  
 DAVID JAY KRAVITZ, Honors  
 LINDA MARIE LEGNER  
 LAWRENCE MICHAEL LEVINE  
 ALLAN SYDNEY LIEBERMAN  
 HELEN KATHLEEN LUKAS  
 SANDRA ECHELES LUNDGREN, Honors  
 JOSEPH FRANCIS MALONEY  
 RICHARD WALTER MARKEY

GAIL FRANCES O'CONNELL  
 CAROLE DIANE POWERS  
 WILLIAM CHARLES SAYRE  
 MICHAEL VERNON SNEAD  
 SUSAN POZZI TAYLOR  
 HOLLADAY BROWN THOMPSON  
 SALLY JEANE WAGNER  
 STEVEN WILLIAM YAHN

### COLLEGE OF FINE AND APPLIED ARTS

#### Degree of Bachelor of Architecture

RICHARD JAMES ANDRESEN  
 LARRY JAY BUCKLEY  
 CHARLES ROBERT BUSINARO  
 DENNIS WAYNE CALVERT  
 STEPHEN PAUL COURT  
 STEPHEN LANE CRANDELL  
 JAMES KENT EILERS  
 DAVID ALLEN EVERS  
 FRANKLIN JEROME GALVIN  
 CHARLES NICHOLAS GEORGES II  
 GARY LINN GRAHAM  
 DAVID ROBERT GREENHALGH  
 KENNETH RICHARD HUBBARD  
 ROBERT JARMAN HULT, High Honors  
 ROBERT JOHN HUNT  
 JAMES ARTHUR JOHNSTON  
 GARY ROBERT LAMB  
 MICHAEL WILLIAM LANDFRIED  
 RAYMOND HARLAND LYTLE  
 MICHAEL GARY MASNY  
 JAMES RICHARD PEARSON  
 BOBBY CALDWELL POOLE

KENT FREDERICK POTTER  
 JOHN PIERCE RAPP II  
 JEROME WAYNE RASGUS  
 TIMOTHY JOHN REED  
 KENNETH EDWARD ROHLFING  
 RICHARD FRANCIS ROWE  
 IVAN MARK SCHAYE, High Honors  
 WAYNE SAM SCHMIDT  
 TERRY ALLEN SCHULTZ  
 ROBERT ELLIOTT SHIPLEY, High Honors  
 STEVEN SAMUEL SIDER, Honors  
 ERIC LESLIE SIMMONS, JR.  
 DOUGLAS FREDERICK STOKER  
 NEIL ELMER STRACK  
 RANDALL NOBUO TAKAHASHI  
 STEPHEN MERRILL THIESING  
 RODERIC LAIRD THOMSON, High Honors  
 PHILLIPS SCOTT WEDEKING  
 RONALD LEE WENGER, Honors  
 WILLIAM EDWARD WHITENHILL  
 THOMAS WILLIAM WILKINS

#### Degree of Bachelor of Arts

##### *In Dance*

JUDITH ANNE HOOK, High Honors

#### Degree of Bachelor of Fine Arts

##### *In Art Education*

APRIL LEE FOSTER, Highest Honors	ROSEMARY ANNE POTTORFF
DONNA MARIE HOGAN, Highest Honors	ROBERTA RICH, Honors
JOSEPH DONALD HUBBARD	FRANCINE LEWIS SINSABAUGH, Honors
PHYLLIS ANN PACIN	JEANNE DOROTHEA WEISMAN, Honors

##### *In Crafts*

NOREEN SERAN NEPOLA, High Honors

##### *In Graphic Design*

JAMES MICHAEL BODOH, Honors	ROBERT LESLIE MOORE, JR.
ARTHUR RONALD DURINSKI, Honors	RITA CAROL ROZICH
ESTHER LEE GARRET	JANET COOPER SPOHN
GERARD FRANCIS KING, JR., Honors	DENNIS EUGENE WOLKEN

##### *In the History of Art*

MARK LEE FRAZIER	ALAN ROBIN GORDON
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##### *In Industrial Design*

DAVID EDWARD ANDERSON	THOMAS JOHN CAMPBELL
WILLIAM CLAUDE BALKEY	KEITH PAUL CURTIS

PAUL TERRY DUBSON  
MARY ANNE FLAVIN  
RICHARD ALAN GREENBERG  
WAYNE ROBERT HUTTER  
DANIEL NICHOLAS KOVACEVIC  
GLENN MICHAEL MORETON

KENNETH CALVIN SCHORY  
DANIEL LAWRENCE SCHWARTZ  
JOHN AUSTIN SHULTZ  
GARY ALAN SPURLING, High Honors  
ROGER MORRIS VAN WEELDEN

*In Painting*

MARGERIE OTTE DAHL  
DIANE EVA FILL  
REBECCA ELIZABETH FINDAHL, Honors

MARSHA ANN GETZ  
JORGEN DAVID HENRIKSEN  
BONNIE LYNN MASON

*In Sculpture*

DAVID CHARLES HENDRICKS  
SUSAN MARTHA KALUZNY

MARIA SADAUSKAS SHEEHAN

**Degree of Bachelor of Landscape Architecture**

THOMAS FRANK CREECH

**Degree of Bachelor of Music**

JON PAUL CHEVILLE  
CYNTHIA ZMRHAL DAVIS, High Honors  
JOHN RAY DIMOND  
NANCY FIZZELL GAMBLE, Honors

JAMES HARVEY KEAYS, High Honors  
AMY YUE YUEN LAI, High Honors  
MARY BELL SARD, Honors

**Degree of Bachelor of Science**

*In Music Education*

WILLIAM ALBERT BRIGGS  
JACK VALENTINE FELDPAUSCH  
JUDITH ROGERS MARCUM, Honors  
SHARRON JEAN PAYNE, Honors  
BEAU GRAM RANDT

KATHLEEN KAVANAUGH ROSBOROUGH  
JACK DANIEL SHARP  
ELIZABETH KAY STALEY, Honors  
MARTHA ALICE YANDELL

*In the Teaching of Dance*

JOELLA ENNES NICHOLS

**Degree of Bachelor of Urban Planning**

DAVID ALLISON BERGER, Honors  
JOSEPH WALTER ENTRESS, JR.

DOUGLAS LYNN HOUSTON  
RONALD PETER ZYSKOWSKI

**COLLEGE OF PHYSICAL EDUCATION**

**Degree of Bachelor of Science**

*In Health Education*

ARLENE SUSAN PIERCE

*In Physical Education*

MARGO SUZANNE ANDERSON  
CHARLES GORDON BALDWIN  
CLARENCE LEWIS BURCH  
NINA ELLEN COOK  
ELAINE SUE DITTMER  
STEVEN ROY ELLIS, High Honors  
RICHARD MORTON HALL  
VICKIE LYNN HAWKINS

ROY MELVIN HELSING  
RONALD DALE INGRUM, Honors  
LAWRENCE RICHARD KAUFMANN  
EDWARD SHERMAN OWEN  
CHARLES RALPH SCHIERER  
GREGG HAROLD SCHUMACHER  
JILANE CAROL SWIERINGA, Honors  
DUANE WILLIS THOREN

*In Recreation*

HOLLY NEFF BROOM  
DAVID FRANCIS CULKIN  
JOHN TIMOTHY FISHER  
THOMAS WAYNE FLETCHER

MICHELLE FLICHT  
WILLIAM PATRICK FOSS  
SUSAN HERBECK MOON  
WILLIAM ARNOLD TEBUSSEK

## SECRETARY'S REPORT

The Secretary presented for record appointments to the faculty made by the President; declinations and resignations; leaves of absence; and a retirement. A copy of the report is filed with the Secretary.

The business of the meeting having been concluded, on motion of Mr. Clement, the Executive Committee adjourned.

EARL W. PORTER  
*Secretary and Clerk*

HOWARD W. CLEMENT  
TIMOTHY W. SWAIN  
EARL M. HUGHES, *Chairman*

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**SPECIAL MEETING (EXECUTIVE SESSION)  
BOARD OF TRUSTEES  
OF THE  
UNIVERSITY OF ILLINOIS**

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**March 2, 1970**



On call of the President, an Executive Session of the Board of Trustees, to consider questions relating to campus security, was held on Monday, March 2, 1970, at 3:00 p.m., Illini Center, LaSalle Hotel, Chicago.

President Earl M. Hughes called the meeting to order and asked the Secretary to call the roll. The following members of the Board were present: Mr. Howard W. Clement, Mr. Donald R. Grimes, Mr. Ralph C. Hahn, Mr. Earl M. Hughes, Mr. Theodore A. Jones, Mr. Ray Page, Mr. Russell W. Steger, Mr. Timothy W. Swain, Mr. W. Clement Stone. Governor Richard B. Ogilvie was absent.

Also present were President David D. Henry; Chancellor Jack W. Peltason, Urbana-Champaign campus; Chancellor Norman A. Parker, Chicago Circle campus; University Counsel James J. Costello; Associate University Counsel John W. Metzger; Vice Chancellor for Campus Affairs George T. Frampton, Urbana-Champaign campus; Executive Assistant to the President George H. Bargh; and the officers of the Board, Mr. H. O. Farber, Comptroller, and Dr. Earl W. Porter, Secretary.

President Hughes stated that he had called the meeting because of his concern that problems of campus security might arise in connection with the scheduled appearance of Mr. William Kunstler on Tuesday, March 3, at the Urbana campus. He acknowledged that the appearance



had been scheduled for some time, but stated, in view of press reports of Mr. Kunstler's appearances elsewhere and reports of violence subsequent to them, he was reluctant personally to see the appearance go forward without full consultation among the Trustees. He indicated that this was a serious question for the Trustees to consider and reported that it was the unanimous opinion of the administrative officers that it would be inadvisable to interfere with the scheduling of the meeting. He then called upon President Henry to review the situation.

President Henry reported that the administration was closely following the situation at Urbana and called upon Chancellor Peltason to provide a report on the Kunstler appearances as well as events taking place at the moment at Urbana.

Chancellor Peltason reported that two distinct events were involved: one, the nature of the protest activity then underway by the "Radical Union" at Urbana, a protest against the presence on campus of employment representatives from the General Electric Company. Local and state police had been alerted, which had resulted in some glass breakage and blockage of traffic.

Second, he indicated, independent of the protest was the invitation by the Concerned Law Students, in compliance with University regulations, to invite Mr. Kunstler to speak on Tuesday evening, March 3. The Graduate Student Association and Undergraduate Student Association at Urbana had joined with the law students in the invitation. He stated that authorities at other institutions where Mr. Kunstler had appeared were unable to identify any relationship between the appearances and any disruption that had occurred.

The Chancellor reported that, following consultations earlier in the day with the deans at Urbana and campus security officers, as well as law enforcement officers, it was the general current judgment that at this time to cancel Mr. Kunstler's appearance on Tuesday would provide gratuitously a new and volatile issue for further protest and possible disruption.

President Henry noted that his letter of October 2, 1968, to the Chancellors constitutes a general policy directive with regard to visiting speakers. Mr. Costello was asked to comment on the Clabaugh decision and the Court's declaration of that law to be unconstitutional. He noted the Court had found that the University has adopted an open door policy with respect to speakers, which meant that all must be allowed to speak except when a clear and present danger exists. He indicated that this latter judgment could not be based on speculation, that the finding that a clear and present danger does exist must have substantial basis in fact.

Chancellor Parker spoke briefly about Mr. Kunstler's appearance at Chicago Circle, indicating that there had been no disruption following the speech. He noted that the University's policy directive provides for "balance" and that a speaker on the other side was to be scheduled at Chicago Circle.

Following these reports and comments, the Trustees engaged in a general and sustained discussion.

President Henry reminded the Board that the Chancellor has authority now from the President to deal with campus security within the limits of present policy. The issue was one of judgment about the possible effect permitting the speech to go forward would have in the light of the unrelated protest activity then happening.

Dr. Henry outlined various options before the Board: the matter could be left to the judgment of the administration in the light of continuing reports from those close to the current protest activity. A "cooling off" period could be provided for and the Board might express its admonition that the ultimate judgment be made carefully and with due regard to security; or finally, the Board, if it wished, could direct the administration to cancel the speech. (Mr. Swain indicated his intent to offer a motion to the latter effect.)

Mr. Costello was asked to speak again to the court action of the Clabaugh Act. He indicated that a motion to cancel would require a finding by the Board that a clear and present danger then existed. Mr. Swain agreed that this would be the burden of his motion.

Mr. Hahn indicated his intent to offer a substitute motion to the effect that on Tuesday morning, March 3, if the President, Chancellor, and other administrative officers feel that the state of emergency exists, they are directed to postpone or cancel the speech of Mr. Kunstler.

Mr. Swain moved, "In view of the disturbances in California and in view of the events of the past several days, the Board request the administration to cancel or defer the meeting for Tuesday evening on the basis of security."

Mr. Costello indicated that the motion would need to be more specific on the "clear and present danger" finding. President Henry stated, it would be difficult to administer a directive to "defer or cancel"; that if there was to be such action, he preferred that it be stated as a request to "defer."\*

Mr. Hahn introduced a substitute motion as follows: "If on Tuesday morning, March 3, the Administrative Officers declare that in their judgment a state of emergency exists, they are directed to postpone or defer the appearance of Mr. Kunstler." By a roll call vote the substitute motion was defeated 6 to 3. Those voting in favor of the substitute motion were: Mr. Clement, Mr. Hahn, Mr. Jones. Those voting against were: Mr. Grimes, Mr. Hughes, Mr. Page, Mr. Steger, Mr. Swain, Mr. Stone.

Mr. Swain's motion was then passed by roll call vote, 6 to 3. Those voting in favor were: Mr. Grimes, Mr. Hughes, Mr. Page, Mr. Steger, Mr. Swain, Mr. Stone. Those voting against were: Mr. Clement, Mr. Hahn, Mr. Jones.

The final text of Mr. Swain's motion was as follows:

"On the basis of recent past experiences at other campus communities surrounding Mr. William Kunstler's appearance, and in view of present

\* It was agreed by Mr. Swain that the motion would be recast through the advice of the University Counsel.

circumstances at the Urbana campus, I move the Board find that a clear and present danger exists and request the administration to defer the appearance of Mr. Kunstler scheduled at the Urbana campus on March 3, as essential for campus security."

On motion of Mr. Clement, the meeting was adjourned at 5:15 p.m.

EARL W. PORTER  
*Secretary*

EARL M. HUGHES  
*President*

**ANNUAL MEETING OF THE BOARD OF TRUSTEES**  
**OF THE**  
**UNIVERSITY OF ILLINOIS**

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**March 18, 1970**



The annual meeting of The Board of Trustees of the University of Illinois was held at Allerton House in Robert Allerton Park, five miles southwest of Monticello, Illinois, on Wednesday, March 18, 1970, beginning at 9:00 a.m.

President Earl M. Hughes called the meeting to order and asked the Secretary to call the roll. The following members of the Board were present: Mr. Howard W. Clement, Mr. Donald R. Grimes, Mr. Ralph C. Hahn, Mr. Earl M. Hughes, Mr. Theodore A. Jones, Mr. Ray Page, Mr. Russell W. Steger, Mr. Timothy W. Swain. Governor Richard B. Ogilvie and Mr. W. Clement Stone were absent.

Also present were President David D. Henry; Executive Vice President and Provost Lyle H. Lanier; Chancellor J. W. Peltason, Urbana-Champaign campus; Chancellor Joseph S. Begando, Medical Center campus; Chancellor Norman A. Parker, Chicago Circle campus; Mr. C. S. Havens, University Director of Physical Plant Planning and Construction; Mr. C. E. Flynn, Assistant to the President and University Director of Public Information; Mr. James J. Costello, University Counsel; and the officers of the Board, Mr. H. O. Farber, Comptroller; Dr. Earl W. Porter, Secretary.

**REPORT OF EXECUTIVE COMMITTEE MEETING**

On motion of Mr. Grimes, the Board ratified, approved, and confirmed the actions of the Executive Committee as reported in the February 18, 1970, minutes (see pages 773-833).

**ELECTION OF TEMPORARY CHAIRMAN**

The Board took up the special order of business for the annual meeting. Mr. Hughes asked for the election of a temporary chairman.

Mr. Grimes nominated Mr. Swain; Mr. Swain was unanimously elected and took the chair.

**ELECTION OF OFFICERS****President of the Board**

Mr. Swain called for nominations for the office of President of the Board of Trustees.

Mr. Grimes nominated Mr. Earl M. Hughes.

On motion of Mr. Jones, the nominations were closed and the Secretary was instructed to cast a unanimous ballot of the Board for the election of Mr. Hughes as President.

The ballot was so cast, and Mr. Hughes was declared elected President of the Board, to serve until the next annual meeting of the Board in March, 1971, or until his successor shall have been elected. Mr. Hughes took the chair and expressed appreciation for the confidence of the Board in electing him for another term. He stated that the appointments to the standing committees would be announced at the April meeting.

**Secretary of the Board**

Mr. Swain nominated Mr. Earl W. Porter.

On motion of Mr. Grimes, the nominations were closed, a unanimous ballot was cast, and Mr. Porter was declared elected Secretary of the Board, to serve until the next annual meeting of the Board in March, 1971, or until his successor shall have been elected.

**Comptroller of the Board**

Mr. Swain nominated Mr. H. O. Farber.

On motion of Mr. Jones, the nominations were closed, and the Secretary was instructed to cast a unanimous ballot of the Board for the election of Mr. Farber as Comptroller. The ballot was so cast and Mr. Farber was declared elected Comptroller, to serve until the next annual meeting of the Board in March, 1971, or until his successor shall have been elected.

**Executive Committee**

Mr. Grimes nominated Mr. Clement and Mr. Swain to serve as members of the Executive Committee, with the President of the Board as Chairman.

On motion of Mr. Jones, the nominations were closed, and the Secretary was instructed to record the unanimous ballot of the Board for the election of Mr. Clement and Mr. Swain to the Executive Committee. The ballot was so cast and Mr. Clement and Mr. Swain were declared elected members of the Executive Committee, to serve until the next annual meeting of the Board in March, 1971, or until their successors shall have been elected.

### DELEGATION OF SIGNATURES

Mr. Swain offered the following resolution.

*Resolved*, that the President and the Secretary of The Board of Trustees of the University of Illinois are authorized to delegate the signing of their names as President and Secretary, respectively, to vouchers to be presented to the Auditor of Public Accounts, and to warrants drawn on the Treasurer of the University, under the following conditions:

The President of the Board of Trustees is authorized to delegate to C. O. Parvin, R. N. Parker, R. H. Suter, in Urbana, to James E. Osborn, David W. Bonham, Walter E. Cowart, R. E. Porter, H. O. Albers, A. W. Catrambone, in Chicago, and to C. H. Moody, Helen Culbertson, in Springfield, authority to sign his name as President of the Board of Trustees to vouchers against the Auditor of Public Accounts; and to C. C. DeLong, R. W. Zimmer, W. M. Griffith, S. E. Read, in Urbana, and to James E. Osborn, David W. Bonham, Walter E. Cowart, R. E. Porter, H. O. Albers, L. Rea Jones, in Chicago, authority to sign his name to warrants on the University Treasurer covering vouchers approved in accordance with regulations approved by the Board.

The Secretary of the Board of Trustees is authorized to delegate to R. C. Wicklund, George H. Bargh, Virginia J. Hendrix, in Urbana, and to Anthony J. Diekema, Velma M. Davis, Margaret Clancy, H. W. Bailey, Alfred P. Maurice, Joseph S. Carlson, in Chicago, authority to sign his name as Secretary of the Board of Trustees to vouchers against the Auditor of Public Accounts and to warrants on the University Treasurer.

This resolution was unanimously adopted.

### SPECIAL ANNOUNCEMENT — PRESIDENT OF THE UNIVERSITY

Mr. Hughes indicated that President Henry wished to make a special announcement, and the President asked the Secretary to read a letter he had prepared and was submitting to the Trustees at this annual meeting. The text of the letter is as follows:

#### TO THE MEMBERS OF THE BOARD OF TRUSTEES:

At this annual meeting of the Board of Trustees, I believe it is timely for me to announce my intention to retire from the presidency of the University at the close of the academic year in which I shall have reached age sixty-five, September 1, 1971.

Although mandatory retirement would not apply until September 1, 1974, I believe that I should change to a less demanding work schedule. By the date indicated I shall have been active in the Presidency of the University of Illinois longer than any other person (sixteen years) and I shall have completed a tenure of thirty-two years in high-level administrative responsibilities at three major institutions.

Apart from these personal considerations, I believe that a change in the presidency will bring new outlooks, energies, and approaches to meeting the requirements for leadership in the period immediately ahead. Plans for the University in the next decade are in the process of formulation. Obviously, there will be new tasks, new problems, new relationships, and new opportunities. Happily, the University is in a position of unusual strength to enlarge its role as one of the great universities of the world, and I believe that new leadership should be called upon for the new tasks and challenges.

I hope that my making this announcement at this time will be of assistance to the Trustees by providing an interval of sufficient time in which to select a successor and to make an orderly transition in administration.

I am grateful for the honor and the professional opportunity which the Trustees have vested in me as President, as well as for their confidence and support through the years. I shall do all in my power to make the remainder of my tenure productive and effective.

c. Mr. Earl W. Porter, Secretary  
of the University

Sincerely,  
DAVID D. HENRY  
President

### Statement by the President of the Board

I am sure that each of us has reactions to what we have heard that are difficult for us to express. Certainly, I share that feeling. It is true that this announcement is not a surprise to the members of the Board. Last September, President Henry advised us of his decision. It was of course our hope that we might be able to persuade him to change his mind. We were not successful and accordingly the decision was made that the announcement should come at the annual meeting of this Board.

President Henry has spoken for himself and in terms we must respect—as we so deeply respect the man. We can take some small comfort in the knowledge that we shall have the satisfaction of continued association with him as our president for another year. During that period we shall have many occasions to express our profound appreciation for what he has done for this University. Therefore, Dr. Henry, I hope you will understand that our comments today (and I hope each Trustee will take a moment to express himself)—our comments today are merely introductory to what we shall try to say more eloquently later.

Perhaps now it would be appropriate for my colleagues to speak for themselves.

### Remarks by the Trustees

"I have a very simple statement to make. Working with Dr. Henry over the past eleven years has been one of the greatest experiences of my life. I think it will be extremely difficult for us to find a successor who can even begin to equal the kind of job he has done for us. I greatly regret that he is not able to fulfill his term up to the point of mandatory retirement, but I can certainly understand and respect his desire to retire at an earlier date."—Mr. Howard W. Clement

"My association with Dr. Henry has been very much a highlight of my own life. President Henry has done much to develop the University of Illinois into one of the greatest universities in the country. His ability to get the job done, his ability to persuade people and the ability to do the right thing has caught my attention throughout this experience. I regret that he is leaving but we have had this knowledge for the six months from September to March, and accordingly it does not come as a shock to us this morning."—Mr. Donald R. Grimes

"A few things come to my mind—one thing of course is that the University of Illinois is one of the ten great universities in this country and probably one of the ten great universities in the world. This obviously is due largely to the leadership that it has had in you as President.

"Seeing you put together the various points of view of the many contingencies of the University and working with the Chancellors, Administrative Officers, Faculty and others has been a source of inspiration. I hope that we as Trustees have received some inspiration from the courage and wisdom and tact you have displayed.

"In general, the thing I've admired the most is your ability to keep cool in the most trying of circumstances and in the most emotional of discussions. I think that if we as Trustees can develop this ability to keep cool and not get emotional while controversial issues are considered and discussed—if we can just do this, then I think we have really learned a lot from you."—Mr. Ralph C. Hahn

"Certainly for the six years that I have worked with Dr. Henry as a member of this Board I have found the association stimulating and indeed rewarding. I have great admiration for his administrative skills, for his skill as an educator, his astute leadership and for his patience. As I look back upon the changes which have come about in the University, changes in Board policy, changes in educational policy, from the special area of my concern, the disadvantaged, as well as the whole state of the University, I have seen how you have applied your outstanding personal resources to implement these changes in policy and to bring about the concrete results we sought in a non-abrasive way and therefore with results far more effective in their impact than would otherwise be the case.

"In large measure, we may attribute our success in expanding educational opportunity at the University of Illinois for black students, to your dedication and skill in dealing with the many difficult and complex forces which confronted this basic objective. It was not enough that we changed policy at the level of the Board of Trustees. We needed an able administrator to transform policy into effective program. You did the job and all shall ever be as grateful as I."—Mr. Theodore A. Jones

"Dr. Henry's influence on higher education has extended throughout the United States and we in Illinois have profited much from his dedicated efforts. During the years of Dr. Henry's Presidency, the University of Illinois has achieved much credit and prestige." — Mr. Ray Page

"As the newest member of the Board, and with regard to some discussions I have had with Dr. Henry, it is very difficult to capsule some of the feelings I have had, but I have now learned a little bit about the complexities of the University, and have had the privilege of being involved in major corporations. When you consider the tremendous number of people that are affected by his direct leadership, I can think of no operation in this world that is more complex and has more crises than the University situation.

"I am sometimes emotional about a lot of the facets, and one thing that has impressed me about Dr. Henry, if I were to say it briefly, is that he is a statesman among academic people. He has a great faculty for recognizing business concepts, legislative orientation, and representing that group. When I think of the day that he stood up and defended our athletic program so justly, and so properly, Dave Henry is a stand-up guy in my opinion. I give him my felicitations on a great job." — Mr. Russell W. Steger

"I well recall when I first came on the Board fifteen years ago, shortly before you became President. I think we have to say that the greatest strides of the University of Illinois have come in Dr. Henry's administration; more has been accomplished in the past fifteen years than, I think, in all the rest of the history of the University. Take the building program, take our education program, take our research program . . . You'll find that more has been accomplished the last fifteen years than at any other time. President Henry has a very good understanding of the legislature, the faculty, the students, and for the most part has been able to harmonize those view points very well. We don't want to forget that this University is one of the outstanding universities of the world. Dr. Henry, I've introduced you on more than one occasion as the outstanding university president in the United States and that is the way I would introduce you today." — Mr. Timothy W. Swain

#### PROCEDURES — SELECTION OF A PRESIDENT OF THE UNIVERSITY

Mr. Hughes stated that the Trustees had been aware of the need to anticipate the task now before them, that of seeking from among the academic leadership of the nation a worthy successor to President Henry. He noted that they had sought the advice of University officers and others and had considered informally among themselves the best procedures for implementing their responsibility. He announced that, at the request of the Trustees, the Secretary had prepared a document that will serve as an initial procedural guide.

The Secretary then presented the following statement:

By state statute, the Board of Trustees is directed to "elect a regent (president) who shall be charged with the general supervision of the educational facilities and interest of the university. Said regent shall be known as President of the University and his term of office shall be at the pleasure of the Board of Trustees." This is perhaps the most important single action expected of the governing body of the University.

In fulfilling this responsibility, the Trustees will wish to have advice from the constituent elements of the University. Accordingly, a *Consultative Committee to Assist in the Selection of a President* is hereby established as follows:

1. Six faculty members, two from each campus (one drawn from the membership of the Senate, one from the junior academic ranks) — to be selected by the respective senates.
2. Three students, one from each campus — to be selected by students in such manner as each chancellor may recommend.
3. One faculty member-at-large, who shall serve as chairman of the committee, and who shall be selected by the University Senates Conference.<sup>1</sup>

<sup>1</sup> The Committee will select its own secretary from its membership.



4. Three members of the nonacademic staff, one from each campus — to be selected by the University Nonacademic Employees Advisory Committee.
5. Four administrative officers of the University, one from each campus and one from the general administration. The campus officers would be selected by the deans at each campus in such manner as the chancellor may recommend. The general officer would be selected by the general officers.
6. Three others, representing alumni and other citizens: the President of the Alumni Association, the President of the University of Illinois Foundation, and a member-at-large from the University of Illinois Citizens Committee, selected by the Board of Trustees.

It is expected that the Consultative Committee will provide advice as to the general qualities expected of a president as well as suggestions concerning specific candidates. In all likelihood, the Committee will be asked to supply a panel of names of acceptable candidates or to react to suggestions received by the Board from other sources. It is the Trustees' intent that the Committee will be an important element in the selection process. The Board recognizes, however, that it can not delegate its statutory obligation, that it must make the final decision, and it is prepared to exercise that authority.

The constituencies identified above will be asked to make their selections of Committee members as soon as possible. In order to formally name and charge the Committee at the April, 1970, meeting of the Board of Trustees, the University Senates Conference is asked to meet in executive session with the Trustees before the April meeting to discuss the role of the Committee and its mode of operation.

The Board also designates the Secretary of the Board as its agent in the procedural and liaison tasks involved in the selection of a president of the University. The Secretary of the Board is directed to prepare an estimate of anticipated expenses to be incurred by the Board and the Committee and to present a request for a special appropriation at the April meeting.

On motion of Mr. Swain, these procedures were approved.

#### MEETING RECESSED

On motion of Mr. Swain, the Board recessed for five minutes for a press conference.

When the Board reconvened, the same members and officers of the Board and officers of the University were present as recorded at the beginning of these minutes.

#### BUSINESS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY

The Board took up consideration of 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.

#### OAKLEY DAM

At the President's request, Mr. Farber presented Mr. Walter Keith, Director of Robert Allerton Park, who presented the following remarks:

Since the last meeting of the Board of Trustees on February 18, 1970, which preceded the receipt of the Modified Project by the State of Illinois, Division of Waterways, the Director of Robert Allerton Park has worked closely with Harza Engineering Company, the Division of Waterways, the Chicago District Corps of Engineers, and Dr. S. Charles Kendeigh, Chairman, Natural Areas Committee at the University of Illinois.

It is anticipated that a final report with recommendations to the Board of Trustees will be available by the April 15 Board of Trustees meeting.

The Director issued an invitation to join a conducted tour of the portions of Allerton Park that might be affected by the Modified Project.

#### APPEARANCE OF MR. KUNSTLER AT URBANA

This matter had been the subject of a special meeting of the Board of Trustees on March 2 at which time the Board approved by a vote of six to three the following motion by Mr. Timothy W. Swain:

On the basis of recent past experiences at other campus communities surrounding Mr. William Kunstler's appearance, and in view of present circumstances at the Urbana campus, I move the Board find that a clear and present danger exists and request the administration to defer the appearance of Mr. Kunstler scheduled at the Urbana campus on March 3 as essential for campus security.

In introducing the matter again, Mr. Hughes made the following statement:

The University of Illinois is a state university. Its academic and nonacademic staff as well as the administration are state employees. This University does not belong to the faculty, to the students, or to the administration. It belongs to the people of the State of Illinois. Its Board of Trustees is the elected representative of the people and is charged with over-all responsibility for its operation. Title to the property is held in the name of the Board of Trustees. The enabling legislation creating the University over one hundred years ago delegated to the Board of Trustees these broad powers, authority, and responsibility. We as a board can not and will not dodge this responsibility.

As President of the Board, I have been in close (almost daily) contact with the administration and have taken such actions as I thought were necessary to carry out the responsibility of office as a representative of the citizens and taxpayers of Illinois and in the best interest of the University.

Violent disturbances and confrontations must and will be prevented if we are to avoid further damage to the public image and support of this great and distinguished educational institution.

Mr. Hughes stated that he had had informal conversations with individual Trustees on this matter and that he understood Mr. Grimes was prepared to offer a motion.

On motion of Mr. Grimes and after general discussion, the following action was approved. The vote was: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Steger; no, Mr. Page, Mr. Swain; absent, Governor Ogilvie, Mr. Stone.

In the interval since March 2 when the Board of Trustees took action concerning the appearance of Mr. William Kunstler at the Urbana campus, the Trustees have followed closely the situation at Urbana and have been kept fully informed by the administration. The Board action on March 2 was based on a judgment that a clear and present danger existed at that time. This no longer appears to be the situation.

The Trustees reaffirm the authority in the possession of the administrative officers, as provided in the existing policy statement concerning campus speakers, and expect that authority to be exercised. This authority specifically recognizes the need to maintain appropriate balance by the presentation of differing points of view; and authorizes the denial of the use of University premises when an administrative determination is made that there is a reasonable probability that violence or serious disruption of the University's functions may result. The full policy statement is as follows:

In selecting speakers, sponsoring organizations should take cognizance that University premises and facilities are dedicated to the special function of education. University premises may not be used for (a) violating or inciting the violation of local, state, or federal law, the policies of the Board of Trustees, or University regulations; or (b) direct commercial sollicita-

tion (except on the prior written approval of the Chancellor or his designee). Authorization to use University space does not imply immunity from sanctions of the law or of the University for failure to observe these limitations.

Each Chancellor is responsible for uses of space at his campus within this framework and is expected to formulate comprehensive recommendations concerning the use of space generally at his campus. On topics of general and continuing interest each Chancellor is urged to maintain appropriate balance by insuring the availability, within the University community, of presentation of differing points of view. It is clear the Chancellor is expected to deny the use of University premises and facilities for any meeting when he determines there is reasonable probability that violence or serious disruption of the University's functions will result.<sup>1</sup>

Accordingly, the Board of Trustees herewith terminates the deferral of Mr. Kunstler's appearance at Urbana and requests the administration to proceed in accord with the previously-established policy as stated above.

The Trustees further request the administration to investigate and determine the appropriate means by which responsibility may be defined and assigned to organizations which sponsor speakers in instances where personal injury or property damage occur in connection with such appearances.

President Hughes then recognized spokesmen for two groups which had requested an opportunity to speak to this subject. Both organizations had indicated in written statements their opposition to the action of March 2 and each had been granted permission to appear before the Board under the emergency procedures. The groups and their spokesmen were as follows: Mr. Kent Hull for the Concerned Law Students and Mr. Philip Martin for the Committee of Concerned Alumni. Each expressed satisfaction with the action just taken by the Board.

#### **SUPPLEMENTAL ACTION BY THE BOARD OF HIGHER EDUCATION ON THE UNIVERSITY'S REQUESTS FOR BUDGET INCREASES IN THE HEALTH FIELDS**

(1) It was reported at the meeting of the Board of Trustees on February 18, 1970, that the Board of Higher Education had agreed to reconsider budget requests in the health fields not approved at its meeting on February 3, 1970. This review was urged by representatives of the Health Education Commission and of private institutions.

Accordingly, the Board of Higher Education did reconsider such requests and voted to recommend them to the Governor and General Assembly—with certain adjustments agreed to by the institutions. As announced on February 3, these requests would be submitted as a set of supplemental budget recommendations for the health fields—not to be considered as part of the higher-education budget falling within the Governor's guidelines.

The supplemental items approved for the University of Illinois totaled \$21,-962,890—of which \$2,021,750 would be for operations and \$19,941,140<sup>2</sup> for capital purposes. A detailed account of these two sets of requests is presented in the report filed with the Secretary.

The President requests authorization to submit these supplemental budget requests to appropriate officers or agencies of state government for funding during the next session of the General Assembly.

On motion of Mr. Grimes, authority was given as requested.

#### **REPORT, SEPARATE FUND TO PROVIDE FINANCIAL AID, URBANA**

(2) On February 18, the Board approved in principle the creation of a separate fund to be developed from an assessment of \$2.00 per student per semester, for

<sup>1</sup> Memorandum to the Chancellors from President David D. Henry, October 2, 1968.

<sup>2</sup> Capital projects include Illinois Building Authority authorizations for the Library of Medical Sciences at the Medical Center campus (\$8,308,730) and the Medical Sciences Building at the Urbana-Champaign campus (\$7,152,323), plus appropriations of \$4,480,087 from the General Revenue Fund.

the purpose of providing financial aid funds for needy students. The proposal was based on a referendum conducted by the students at Urbana, in which the students agreed to assess themselves in the amount indicated, and provided for the refunding of the assessment to those students who desired it. An implication of the referendum was the principle of having the assessment matched by the General Assembly.

Accordingly, in approving the creation of the separate fund in February, the Trustees also approved the immediate submission to the State Board of Higher Education of a request for a supplement budget increase of approximately \$75,000 to match the funds anticipated through the assessment.

The University request was considered at the March 3 meeting of the Board of Higher Education. The action of that Board was as follows: "To receive this report from the University of Illinois and direct the staff to develop in conjunction with the staff of the Illinois Scholarship Commission a statewide policy on this type of question and report back its recommendations to the Board at the April 7, 1970, meeting."

It appears that the development of a specific plan for implementation, and formal action upon it by the Board of Trustees, should now await the forthcoming action of the Board of Higher Education in April. The Administrative Officers will have a further report or recommendations at the April meeting of the Board of Trustees.

On motion of Mr. Grimes, this report was received for record.

#### **CONSTITUTIONAL LANGUAGE RELATED TO HIGHER EDUCATION**

(3) The subject of constitutional language related to higher education is now before the Education Committee of the Illinois Constitutional Convention.

Among the recommendations made to the Committee has been a report developed by a committee advisory to the Illinois Board of Higher Education and on which the several systems of higher education, including the University of Illinois, are represented.<sup>1</sup> The committee report was adopted by the Board of Higher Education on March 3, 1970. (The full text of the report is filed with the Secretary of the Board.)

In brief, the report recommends that minimal language be included in the new Constitution, to provide that:

The General Assembly shall establish and support such public institutions of higher education as may be desirable.

It is my view, and that of the other officers of the University, that this general statement is sufficient for constitutional purposes and that further references to higher education should, as a matter of public policy, be left to the General Assembly. From consultations with individual Trustees I understand that this is their view as well. Accordingly, the President and other University officers have presented this position to various bodies considering the subject: the Illinois Joint Council on Higher Education, the Advisory Committee to the Board of Higher Education, hearings of the Education Committee, and regional hearings of the Constitutional Convention.

It is timely that the Board of Trustees now take official action to record the University's position on this subject. Therefore, I recommend that the Trustees endorse the report adopted by the Board of Higher Education with respect to constitutional language on higher education.

On motion of Mr. Swain, this recommendation was approved. Mr. Page asked to be recorded as not voting.

#### **BUDGET FOR 1970 SUMMER QUARTER AND FACULTY APPOINTMENTS, MEDICAL CENTER CAMPUS**

(4) Submitted herewith are the budget and appointments to the faculty for the 1970 summer quarter at the Medical Center campus from June 22 through September 5, 1970.

The total budget is for salaries in the amount of \$23,755.

The projected enrollment for the summer of 1970 is 1,207, an increase of 108 over the 1969 summer quarter.

<sup>1</sup> The University representative to the committee is Vice President Eldon Johnson.

The salaries recommended are computed on the basis of one-third of the salary of the academic year for a full quarter of service, with proportionate amounts for shorter periods or for part-time service.

I recommend that these appointments to the summer quarter staff at the Medical Center be approved as submitted, and that the President of the University be authorized to accept resignations and make such changes and adjustments and additional appointments as are necessary in accordance with the needs of the University within the allocations of funds indicated.

On motion of Mr. Jones, these appointments in the summer session budget for the Medical Center were approved and authority was given as requested. This action was taken by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Page, Mr. Steger, Mr. Swain; no, none; absent, Governor Ogilvie, Mr. Stone.

	<i>Per Cent Time</i>	<i>Proposed Amount</i>
<b>College of Nursing</b>		
1. Carol R. Bentz, Assistant Professor.....	100	\$ 3 500
2. 0.6 FTE Assistant.....	100	1 540
		(5 040)
<b>College of Pharmacy</b>		
<b>Department of Pharmaceutical Chemistry</b>		
1. Ludwig Bauer, Professor (July 29 through September 5)...	100	\$ 2 667
2. Dominick A. Coviello, Associate Professor (June 22 through July 29).....	100	2 367
3. Alfred J. Perkins, Professor (June 22 through July 18)....	100	1 823
4. 2.0 FTE Assistant.....	200	3 600
		(10 457)
<b>Department of Pharmacy</b>		
1. Bernard Ecanow, Associate Professor (July 17 through August 11).....	100	\$ 1 656
2. Robert Mrtek, Assistant Professor (August 12 through September 5).....	100	1 445
3. Harold J. Rhodes, Associate Professor (June 22 through July 16).....	100	1 623
4. Frederick Siegel, Associate Professor (June 22 through July 29).....	100	2 634
5. 1.0 FTE Assistant.....	50	900
		(8 258)

#### AWARD OF CERTIFIED PUBLIC ACCOUNTANT CERTIFICATES

(5) 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 Certificate</i>
ADRIAN F. KRUSE	Arlington Heights, Illinois	Wisconsin
MARK FLORIAN POLANIS	New Berlin, Wisconsin	Wisconsin
LEONARD WOOD REARDON	Effingham, Illinois	Kansas
FRANKLIN JOHN SIKICH	Hammond, Indiana	Indiana
DONALD GENE WILSON	South Holland, Illinois	Indiana

I concur.

On motion of Mr. Steger, these certificates were awarded.

#### APPOINTMENTS TO THE BOARD OF DIRECTORS OF THE ATHLETIC ASSOCIATION

(6) On recommendation of the Chancellor of the Urbana-Champaign campus, I

submit herewith nominations for appointments to the Board of Directors of the Athletic Association of the University of Illinois, to become effective as of today and to continue until the next annual meeting of The Board of Trustees of the University of Illinois in 1971, or until the successors of these Directors have been appointed.

### Reappointments

#### *From the Faculty*

WILLIAM A. FERGUSON, Associate Professor of Mathematics (He has served on the Board since November, 1967.)

JAMES R. SHIPLEY, Professor and Head of the Department of Art (He has served on the Board since 1969.)

H. S. STILLWELL, Professor and Head of the Department of Aeronautical and Astronautical Engineering (Professor Stillwell is also the University of Illinois Faculty Representative in the Western Intercollegiate Conference, and his appointment as a faculty representative on the Board of Directors of the Athletic Association is an ex officio assignment.)

VERNON K. ZIMMERMAN, Professor of Accountancy, Director of Center for International Education and Research in Accountancy, and Associate Director of International Programs and Studies (He has served on the Board since 1968.)

#### *From the Alumni Association*

RALPH S. JOHNS, Class of 1925, Managing Partner, Haskins and Sells, Certified Public Accountants, Chicago; President of the University of Illinois Alumni Association (Mr. John's appointment on the Board is for the period of his tenure as President of the University of Illinois Alumni Association.)

CLIFFORD L. PETERSON, Class of 1941, Vice President, Deere and Company, Moline (He has served on the Board since 1969.)

### New Appointments

#### *From the Faculty*

ROLLIN G. WRIGHT, Professor and Head of the Department of Physical Education for Men

#### *From the Alumni Association*

WILLIAM T. HOCKING, Class of 1942, President, Fry Consultants, Inc., Chicago

ARTHUR R. WYATT, Class of 1949, Partner, Arthur Andersen & Co. (Certified Public Accounting firm), Chicago

On motion of Mr. Steger, these appointments were approved.

### DIRECTORSHIP OF ADMISSIONS AND RECORDS, CHICAGO CIRCLE

(7) The Chancellor at Chicago Circle has recommended the appointment of William C. Price, presently Dean of Admissions and Registrar and Assistant Professor of Education at the University of Oklahoma, as Director of Admissions and Records, beginning July 1, 1970, on a twelve-month service basis, and Associate Professor of Education on indefinite tenure, at an annual salary of \$27,000.

The appointment will fill the vacancy which was created by the resignation of Director Leslie W. Sandy. The recommendation is made after consultation with the staff of the Office of Admissions and Records, the Deans' Council, the Administrative Council, the Senate Committee on Educational Policy, the University Committee on Admissions, the Committee of Associate and Assistant Deans, and the Neighborhood Relations Council.

The Executive Vice President and Provost endorses this recommendation. I recommend approval.

On motion of Mr. Clement, this appointment was approved.

### HEADSHIP OF THE DEPARTMENT OF ENGLISH, CHICAGO CIRCLE

(8) The Dean of the College of Liberal Arts and Sciences has recommended to the Chancellor at Chicago Circle the appointment of Mr. John Curtis Johnson, presently Associate Professor and Acting Head of the Department of English, as Professor of English on indefinite tenure and Head of the Department of English,

beginning March 20, 1970, on an academic-year service basis, at an annual salary of \$20,000.

The nomination of Professor Johnson is supported by the Consultative Committee<sup>1</sup> for the Headship of the Department and by the faculty of the Department of English. The Chancellor, the Vice Chancellor and Dean of Faculties, and the Dean of the Graduate College approve the recommendation. The Executive Vice President and Provost concurs.

I recommend approval.

On motion of Mr. Clement, this appointment was approved.

#### HEADSHIP OF THE DEPARTMENT OF SOCIOLOGY, URBANA

(9) The Dean of the College of Liberal Arts and Sciences has recommended to the Chancellor at Urbana-Champaign the appointment of Dr. Frederick C. Fliegel, presently Professor of Rural Sociology in Agricultural Economics and in Sociology, as Head of the Department of Sociology beginning September 1, 1970, on an academic year service basis, at an annual salary of \$23,000.

Professor Fliegel will continue to hold the rank of Professor of Rural Sociology in Agricultural Economics and in Sociology on indefinite tenure.

Dr. Fliegel will succeed Professor Rita Simon who has asked to be relieved of the administrative appointment effective September 1, 1970.

The nomination is submitted after consultation with members of the Department with the rank of assistant professor and above and is supported by the Executive Committee of the College of Liberal Arts and Sciences and the Dean of the Graduate College. The Chancellor at Urbana-Champaign approves the recommendation. The Executive Vice President and Provost concurs.

I recommend approval.

On motion of Mr. Jones, this appointment was approved.

#### APPOINTMENTS TO THE FACULTY

(10) 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; F — one-year appointment ending other than August 31; T — terminal appointment, accompanied with or preceded by notice of non-reappointment; W — one-year appointment subject to special written agreement; Y — twelve months' service required instead of two semesters; X — percentages opposite X are for the academic year; full-time summer service is indicated by "S"; 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. ALMERA PHYLLIS LEWIS, Assistant Professor, Jane Addams Graduate School of Social Work, beginning February 1, 1970 (1) at an annual salary of \$12,000.
2. CYNTHIA ALICE STEINKE, Assistant Science Librarian with rank of Assistant Professor, Library, beginning February 15, 1970 (1Y), at an annual salary of \$11,500.

#### Medical Center

3. CARL COHEN, Director, Center for Genetics, and Professor of Genetics, College of Medicine, beginning September 1, 1970 (AY), at an annual salary of \$31,000.
4. EDWARD B. PAULISSIAN, Clinical Assistant Professor of Surgery, College of Medicine, on 30 per cent time, for the period from November 1, 1969, through May 31, 1970 (G30), at a salary of \$1,867.
5. LESTER F. SOYKA, Associate Professor of Pharmacology, on 77 per cent time,

<sup>1</sup> Louis Marder, Professor of English, *Chairman*; Jay A. Levine, Professor of English; Robert V. Remini, Professor of History and *Chairman* of the Department; Catherine Shaw, Assistant Professor of English.

and of Pediatrics, on 23 per cent time, College of Medicine, beginning April 1, 1970 (AY), at an annual salary of \$25,000.

#### Urbana-Champaign

6. JOHN R. KIMBERLY, Assistant Professor of Sociology, on two-thirds time, for the second semester 1969-70, and in Labor and Industrial Relations, on one-third time, for the second semester and full time during the summer 1970 (1X67; 1X33; 1S), at an annual salary of \$13,750.
7. PATRICIA J. MCLEAN, Supervisor of Occupational Therapy and Prosthetics with rank of Assistant Professor, Division of Rehabilitation-Education Services, beginning February 1, 1970 (1Y), at an annual salary of \$14,000.

#### Visiting Staff

8. CHUSHIN AFUSO, Visiting Research Assistant Professor of Computer Science, Graduate College, Urbana, for one year from February 1, 1970 (FY), at a salary of \$13,500.
9. JOHN L. CAREY, Visiting Professor of Accountancy, Urbana, for the second semester 1969-70 (E), at a salary of \$5,000.
10. VACLAV HAVLENA, George A. Miller Visiting Professor of Paleobotany, Department of Botany, Urbana, for the period from February 1, 1971, through June 15, 1971 (E), at a salary of \$7,500.
11. MERRILL D. REDEMER, Visiting Associate Professor of Education, Bureau of Educational Research, Urbana, for the period from February 1, 1970, through August 31, 1970 (DY), at a salary of \$11,200.
12. GEORGE (JERZY) STADNICKI, Visiting Professor of Oral and Maxillofacial Surgery, College of Dentistry, and Visiting Clinical Professor of Surgery, College of Medicine, for the period from April 1, 1970, through August 31, 1970 (DY), at a salary of \$6,458.

On motion of Mr. Swain, these appointments were confirmed.

#### APPOINTMENTS TO THE CENTER FOR ADVANCED STUDY, URBANA

- (11) With the advice of the Dean of the Graduate College, the Chancellor at Urbana has recommended the following appointments of Associates in the Center for Advanced Study for the academic year 1970-71 and for the program of research or study as indicated in each case.

I concur.

- ADAMS, JACK A., Professor of Psychology, for the first semester, to enlarge and refine his theoretical work on a cybernetic conception of behavior.
- BAILAR, JOHN C., JR., Professor of Chemistry, for the first semester, to continue research and writing on the chemistry of coordination compounds.
- BEBERMAN, MAX, Professor of Secondary and Continuing Education and Director of the Curriculum Laboratory, for one year, to learn and evaluate the new style of teaching in British primary schools.
- BREMS, HANS J., Professor of Economics, for the first semester, to develop a realistic two-sector model of economic growth in a closed system.
- BRUNER, EDWARD M., Professor and Head of the Department of Anthropology, for the academic year, to describe and analyze data gathered in Indonesia for a study of socio-cultural factors in development and urbanization.
- EXLINE, GERALD L., Associate Professor of Architecture, for the academic year, to design typological models of high density environments for cities of the future.
- FEHL, PHILIPP, Professor of Art, for the academic year, to complete a study of the historical content of the works of Paolo Veronese.
- HAY, PETER, Professor of Law, for the second semester, to examine the effect of regional integration and of the law of regional institutions in Europe on judicial, administrative, and arbitration practices.
- KRUEGER, THOMAS A., Associate Professor of History, for the second semester, to complete research and begin writing on an intellectual history of the New Deal.
- LANCASTER, EDWARD E., Assistant Professor of Art, for the academic year, to continue work on a series of paintings depicting the human figure juxtaposed to symbols of the current American social environment.
- LONDON, EDWIN, Professor of Music, for the academic year, to compose a large-scale theatre work fusing elements of traditional music with electronic technology.



- MAPOTHER, DILLON E., Professor of Physics, for the academic year, to concentrate on the development and applications of his AC calorimetric technique.
- MARTIRANO, SALVATORE, Associate Professor of Music, for the academic year, to compose *Lo Disse Dante*, a large work for orchestra.
- PORQUERAS-MAYO, ALBERTO, Professor of Spanish, for the second semester, to conduct research on the most important Spanish poetics published in Spain during the sixteenth and seventeenth centuries.
- TEMPERLEY, NICHOLAS M., Associate Professor of Music, for the academic year, to continue work on the music of the English parish church between 1660 and 1900, particularly the eighteenth-century parochial anthem.
- WOESE, CARL R., Professor of Microbiology, for one semester, to continue his research in the area of cellular evolution.
- YANKWICH, PETER E., Professor of Physical Chemistry, for the academic year, to extend and apply methods developed for *ab initio* calculation of absolute reaction rates and of the related effects of atomic mass on reaction rates.
- ZGUSTA, LADISLAV, Visiting Associate, for the academic year, to contribute to research and teaching in lexicography, general and Indo-European linguistics, and classical and South Asian studies.
- ZUIDEMA, REINER T., Associate Professor of Anthropology, for the academic year, to carry out research on the structure of Andean society at the time of the Spanish conquest.

On motion of Mr. Clement, these appointments were approved.

#### UNDERGRADUATE INSTRUCTIONAL AWARDS FOR THE SUMMER OF 1970

(12) The program of Undergraduate Instructional Awards is proposed for continuation during the summer of 1970, to encourage faculty interest in improvement in the quality of undergraduate instruction. The awards, totaling \$87,535 for the Chicago Circle and Urbana-Champaign campuses, would provide a full-time salary for two months (two-ninths of the academic-year salary) plus required incidental expenses.

#### Chicago Circle

The Vice Chancellor and Dean of Faculties, through the deans and directors, invited faculty members to submit applications with complete descriptions of the work proposed. After approval by heads of departments and review by the deans of the colleges and their committees, twenty applications were submitted with priorities indicated. A special committee, chaired by the Assistant Dean of Faculties, evaluated the proposals and recommended to the Vice Chancellor and Dean of Faculties that those programs which were judged to hold the most promise of benefit to undergraduate instruction be supported.

After review of the proposals, the Vice Chancellor and Dean of Faculties recommends, with the concurrence of the Chancellor, that full-time appointments for two months during the summer of 1970, at current salary rates, be authorized for the following faculty members (total of six involving five proposals). Expenses are requested in one case, while in others expenses will be covered by departmental funds.

	Salary	Expenses	Total
Larry Abels, Assistant Professor of Physics.....	\$ 2 778		
Nancy D. Berryman, Associate Professor of Art.....	2 934		
Charles L. Gruder, Assistant Professor of Psychology..	2 400	\$ 500	
Dick W. Simpson, Assistant Professor of Political Science.....	2 223		
{ Stephen Szepe, Associate Professor of Energy Engineering.....	2 945		
{ Kenneth L. Uherka, Assistant Professor of Energy Engineering.....	2 600		
Total, Chicago Circle.....	\$15 880	\$ 500	\$16 380

#### Urbana-Champaign

The Vice Chancellor for Academic Affairs invited faculty members to submit applications with complete descriptions of the work proposed. After approval by heads of departments and review by the deans of the colleges and their committees, twenty-six applications were submitted. A special committee evaluated the proposals and recommended support for those which the committee believed to be

most meritorious and to promise the greatest potential benefits to undergraduate instruction.

The Vice Chancellor for Academic Affairs recommends, with the Chancellor's concurrence, that full-time appointments for two months during the summer of 1970 at current salary rates, plus additional expenses in some cases, be authorized for the following twenty-two faculty members for eighteen projects:

	Salary	Expenses	Total
Carleton A. Chapman, Professor of Geology . . . . .	\$ 4 340	\$1 200	
Jozef B. Cohen, Professor of Psychology . . . . .	3 230		
James R. Cooper, Assistant Professor of Finance and Business Administration . . . . .	3 070		
C. Benjamin Cox, Professor of Secondary and Continuing Education (50 per cent) . . . . .	1 565	2 870	
Roland Payette, Assistant Professor of Secondary and Continuing Education . . . . .	2 500		
Rasio Dunatov, Assistant Professor of Russian and Linguistics . . . . .	2 560		
Robert N. Fisher, Assistant Professor of Art . . . . .	2 270	750	
Edward J. Zagorski, Professor of Art . . . . .	3 960		
Peter Franklin-White, Visiting Lecturer in Theatre . . . . .	2 450	400	
James R. Hurt, Assistant Professor of English . . . . .	2 360		
Herbert Kellman, Associate Professor of Music . . . . .	2 640	600	
Morgan E. Powell, Assistant Professor of Music . . . . .	2 450		
Kurt Klein, Associate Professor of Russian . . . . .	2 960		
William L. MacDonald, Instructor in Asian Studies . . . . .	2 120	500	
James C. McKeown, Assistant Professor of Accountancy . . . . .	2 980		
Gera A. Millar, Instructor in Slavic Languages and Literature . . . . .	2 070		
Peter B. Shoresman, Associate Professor of Science Education in Elementary Education . . . . .	2 820	860	
Robert J. Smith, Professor of Architecture . . . . .	5 030		
Stanley G. Smith, Associate Professor of Chemistry . . . . .	3 120	720	
John C. Stubbs, Assistant Professor of English . . . . .	2 270	750	
John P. Frayne, Assistant Professor of English . . . . .	2 270		
William F. Van Tassel, Assistant Professor of Aeronautical and Astronautical Engineering . . . . .	2 670	800	
<i>Total, Urbana-Champaign</i> . . . . .	\$61 705	\$9 450	\$71 155

The Executive Vice President and Provost endorses these recommendations and further recommends that funds for these awards and associated expenses be assigned from the General Reserve at the respective campuses.

I concur.

On motion of Mr. Hahn, these recommendations were approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Page, Mr. Steger, Mr. Swain; no, none; absent, Governor Ogilvie, Mr. Stone.

#### SABBATICAL LEAVES OF ABSENCE, 1970-71

(13) The Chancellors at each campus have recommended that the following members of the faculty be given sabbatical leaves of absence in accordance with the provisions of the University of Illinois *Statutes* and on the terms and for the periods indicated.

The programs of research, study, and travel for which leaves are requested have been examined by the Research Boards at the three campuses, and the Executive Vice President and Provost has reviewed the applications for the leaves and recommends approval.

I concur.

#### Chicago Circle

##### College of Architecture and Art

##### Department of Art

JERALD JACKARD, Assistant Professor of Art, fall quarter 1970-71, full pay.

LAWRENCE SALOMON, Assistant Professor of Art, fall and winter quarters 1970-71, one-half pay.

TADAO TAKANO, Associate Professor of Art, fall quarter 1970-71, full pay.

*Department of History of Architecture and Art*

JOHN MCNEE, Professor of History of Architecture and Art, academic year 1970-71, one-half pay.

**College of Business Administration**

ALFONSE T. MALINOSKY, Professor of Accounting, winter quarter 1970-71, full pay.  
BERT E. ELWERT, Associate Professor of Economics and Management, winter and spring quarters 1970-71, three-fourths pay.

BERNARD H. BAUM, Professor of Management, spring quarter 1970-71, full pay.

S. GEORGE HUNERYAGER, Professor and Coordinator of Management, winter quarter 1970-71, full pay.

**College of Education**

VICTOR E. RICKS, Professor of Education, six months beginning January 1, 1971, full pay.

**College of Engineering**

*Department of Energy Engineering*

JOSEPH C. F. CHOW, Associate Professor of Energy Engineering, academic year 1970-71, one-half pay; or fall quarter, 1970-71, full pay; or fall and winter quarters 1970-71, three-fourths pay; full-year leave contingent upon receipt of supplementary financial aid.

**College of Liberal Arts and Sciences**

*Department of Anthropology*

CHARLES A. REED, Professor of Anthropology and Acting Head of the Department, fall quarter 1970-71, full pay; leave contingent upon receipt of supplementary financial aid.

*Department of Chemistry*

SAMUEL SCHRAGE, Associate Professor of Chemistry and Associate Director of the University Honors Programs, academic year 1970-71, one-half pay; or fall and winter quarters at three-fourths pay; full-year leave contingent upon receipt of supplementary financial aid.

*Department of English*

PRESTON M. BROWNING, JR., Assistant Professor of English, winter and spring quarters 1970-71, one-half pay.

SARAH COHEN, Assistant Professor of English, fall quarter 1970-71, full pay.

ROBERT W. GLADISH, Assistant Professor of English, fall quarter 1970-71, full pay.

HOWARD H. KERR, Assistant Professor of English, fall quarter 1970-71, full pay.

DAVID S. LENFEST, Assistant Professor of English, fall quarter 1970-71, full pay.

MICHAEL MORRISROE, JR., Assistant Professor of English, winter quarter 1970-71, full pay; leave contingent upon receipt of supplementary financial aid.

ROBERT B. OGLE, Professor of English, winter and spring quarters 1970-71, three-fourths pay.

SONDRA ROSENBERG, Assistant Professor of English, winter quarter 1970-71, full pay.

A. LAVONNE RUOFF, Associate Professor of English, winter and spring quarters 1970-71, one-half pay.

JAMES RUSSELL, Assistant Professor of English, fall quarter 1970-71, full pay.

CATHERINE M. SHAW, Assistant Professor of English, fall quarter 1970-71, full pay.

SAMUEL A. WEISS, Professor of English, winter and spring quarters 1970-71, three-fourths pay.

*Department of French*

CHARLES LOMBARD, Professor of French, spring quarter 1970-71, full pay.

*Department of History*

MARGARET GEORGE, Associate Professor of History, fall quarter 1970-71, full pay.  
GEORGE HUPPERT, Assistant Professor of History, spring quarter 1970-71, full pay.

*Department of Mathematics*

VERENA HUBER DYSON, Assistant Professor of Mathematics, fall quarter 1970-71, full pay.

IRWIN K. FEINSTEIN, Professor of Mathematics, fall quarter 1970-71, full pay; leave contingent upon receipt of supplementary financial aid. (Leave subsequently cancelled without prejudice.)

DAVID A. FOULSER, Associate Professor of Mathematics, spring quarter 1970-71, full pay.

ARTHUR T. PU, Assistant Professor of Mathematics, fall and winter quarters 1970-71, one-half pay.

LENA CHANG PU, Assistant Professor of Mathematics, second semester 1970-71, full pay.

*Department of Philosophy*

BRIAN SKYRMS, Associate Professor of Philosophy, fall quarter 1970-71, one-half pay.

W. W. TAIT, Professor of Philosophy, spring quarter 1970-71, full pay.

*Department of Physics*

SEYMOUR BERNSTEIN, Professor of Physics, winter and spring quarters 1970-71, three-fourths pay.

LESTER WINSBERG, Professor of Physics, academic year 1970-71, one-half pay.

*Department of Political Science*

MILTON RAKOVE, Professor of Political Science, spring quarter 1970-71, full pay.

*Department of Psychology*

JOHN D. DAVIS, Professor of Psychology, winter and spring quarters 1970-71, three-fourths pay.

*Department of Sociology*

GEORGE J. MCCALL, Associate Professor of Sociology, fall and winter quarters 1970-71, three-fourths pay.

*Department of Spanish*

JERRY R. RANK, Assistant Professor of Spanish, spring quarter 1970-71, full pay.

*Department of Speech and Theatre*

JOHN B. HANEY, Professor of Speech and Director of the Office of Instructional Resources, six months beginning July 1, 1970, full pay.

**School of Physical Education**

PETER R. BERRAFATO, Professor of Physical Education for Men, Recreation Director of Chicago Circle Center, Director of Intramural Sports, fall quarter 1970-71, full pay.

**Library**

GILES B. ROBERTSON, Professor of Library Administration and Head of Public Services Division, Library, six months beginning January 1, 1971, full pay.

**Medical Center****College of Dentistry***Department of Oral Anatomy*

LUIS DE LA TORRE, Professor of Oral Anatomy, six months beginning January 4, 1971, full pay.

**College of Medicine***Department of Anatomy*

KAREL FREDERIK LIEM, Associate Professor of Anatomy, one year from September 1, 1970, one-half pay; or six months from January 1, 1971, full pay; full-year leave contingent upon receipt of supplementary financial aid.

*Department of Pharmacology*

RICHARD D. GREEN, Assistant Professor of Pharmacology, six months beginning September 1, 1970, one-half pay.

**Urbana-Champaign****College of Agriculture***Department of Agricultural Economics*

DUANE EDWARD ERICKSON, Associate Professor of Agricultural Economics, one year beginning September 1, 1970, one-half pay; or six months beginning July 1, 1970, full pay; full-year leave contingent upon receipt of supplementary financial aid.

HAROLD G. HALCROW, Professor of Agricultural Economics and Head of the Department, six months beginning January 1, 1971, full pay.

R. A. KELLY, Professor of Agricultural Economics, six months beginning July 1, 1970, full pay.

FRANKLIN JACOB REISS, Professor of Agricultural Economics, six months beginning July 1, 1970, full pay.

*Department of Agricultural Engineering*

CARROLL J. W. DRABLOS, Assistant Professor of Agricultural Engineering, six months beginning March 1, 1971, full pay.

*Department of Agronomy*

THEODORE R. PECK, Associate Professor of Soil Chemistry, Extension Agronomy, six months beginning September 1, 1970, full pay.

JOHNNY W. PENDLETON, Professor of Agronomy, six months beginning September 1, 1970, full pay. (Leave subsequently cancelled without prejudice.)

EDWARD C. A. RUNGE, Associate Professor of Agronomy, six months beginning November 15, 1970, full pay; leave contingent upon receipt of supplementary financial aid.

*Department of Animal Science*

SORAB PIROZSHAH MISTRY, Professor of Biochemistry in Animal Science, one year beginning September 1, 1970, one-half pay.

ANDREW V. NALBANDOV, Professor of Animal Science, first semester 1970-71, full pay.

*Cooperative Extension Service*

RICHARD O. LYON, Associate Professor and State 4-H Leader in Cooperative Extension Service, six months beginning September 1, 1970, full pay.

*Department of Food Science*

FRED AUGUST KUMMEROW, Professor of Food Chemistry, six months beginning October 1, 1970, full pay.

JOSEPH TOBIAS, Professor of Dairy Technology, six months beginning June 1, 1971, full pay; leave contingent upon receipt of supplementary financial aid.

*Department of Forestry*

ROBERT G. RENNELS, Associate Professor of Forestry, six months beginning February 1, 1971, full pay.

*Department of Plant Pathology*

DAVID GOTTLIEB, Professor of Plant Pathology, six months beginning February 1, 1971, full pay.

M. B. LINN, Professor of Plant Pathology, six months beginning August 1, 1970, full pay.

**College of Commerce and Business Administration***Department of Accountancy*

WILLIAM E. THOMAS, Professor of Accountancy, second semester 1970-71, full pay.

*Bureau of Business Management*

IRWIN COCHRUN, Associate Professor of Business Management, and Director of

the Bureau of Business Management, one year beginning September 1, 1970, one-half pay.

*Bureau of Economic and Business Research*

V LEWIS BASSIE, Professor of Economics and Director of the Bureau of Economic and Business Research, one year beginning September 1, 1970, one-half pay; or six months beginning September 1, 1970, full pay.

*Department of Business Administration*

HIROHIDE HINOMOTO, Associate Professor of Business Administration, first semester 1970-71, full pay.

R. D. MILLICAN, Associate Professor of Business Administration, first semester 1970-71, full pay.

*Department of Economics*

HUGH O. NOURSE, Professor of Economics, first semester 1970-71, full pay.

JULIAN L. SIMON, Professor of Economics and Business Administration, academic year 1970-71, one-half pay; or first semester 1970-71, full pay.

PAUL WELLS, Professor of Economics, second semester 1970-71, full pay.

*Department of Finance*

ROBERT W. MAYER, Professor of Finance, second semester 1970-71, full pay.

**College of Communications**

*Department of Journalism*

GENE S. GRAHAM, Associate Professor of Journalism, first semester 1970-71, full pay.

**College of Education**

*Department of Educational Administration and Supervision*

MERLE R. SUMPTION, Professor of Educational Administration and Supervision, first semester 1970-71, full pay.

*Department of Educational Psychology*

RICHARD C. ANDERSON, Professor of Educational Psychology and of Psychology, academic year 1970-71, one-half pay; or second semester 1970-71, full pay; full-year leave contingent upon receipt of supplementary financial aid. (Leave subsequently cancelled without prejudice.)

R. STEWART JONES, Professor of Educational Psychology and Chairman of the Department, second semester 1970-71, full pay.

*Department of Elementary Education*

KENNETH M. LANSING, Professor of Art and of Elementary Education, first semester 1970-71, full pay.

JOHN E. MCGILL, Professor of Elementary Education, first semester 1970-71, full pay.

WILLIAM R. POWELL, Professor of Elementary Education, second semester 1970-71, full pay.

PETER B. SHORESMAN, Associate Professor of Elementary Education, second semester 1970-71, full pay.

*Department of Secondary and Continuing Education*

JACQUETTA HILL BURNETT, Associate Professor of International Education, Department of Secondary and Continuing Education and Bureau of Educational Research, six months beginning September 1, 1970, full pay.

RAYMOND E. WILLIAMS, Associate Professor of Secondary and Continuing Education, and Director of Teacher Education Services, Urbana Council on Teacher Education, six months beginning February 1, 1971, full pay.

**College of Engineering**

*Department of Aeronautical and Astronautical Engineering*

HENRY SHELDON STILLWELL, Professor of Aeronautical and Astronautical Engineering and Head of the Department, second semester 1970-71, full pay.

*Department of Ceramic Engineering*

ALFRED W. ALLEN, Professor of Ceramic and Nuclear Engineering, first semester 1970-71, full pay.

ARTHUR L. FRIEDBERG, Professor of Ceramic Engineering and Head of the Department, second semester 1970-71, full pay.

*Department of Civil Engineering*

ARTHUR B. CHILTON, Professor of Civil and Nuclear Engineering, second semester 1970-71, full pay.

RICHARD IRWIN DICK, Professor of Sanitary Engineering, Department of Civil Engineering, academic year 1970-71, one-half pay.

BEN B. EWING, Professor of Sanitary Engineering, in Civil Engineering, and of Nuclear Engineering, and Director of Water Resources Center, first semester 1970-71, full pay. (Leave subsequently cancelled without prejudice.)

STEVEN J. FENVES, Professor of Civil Engineering, academic year 1970-71, one-half pay.

EDWARD RAYMOND HOLLEY, JR., Associate Professor of Civil Engineering, academic year 1970-71, one-half pay.

*Department of Electrical Engineering*

SIDNEY A. BOWHILL, Professor of Electrical Engineering, first semester 1970-71, full pay.

ROGER W. BURTNES, Associate Professor of Electrical Engineering, first semester 1970-71, full pay.

CHARLES D. HENDRICKS, Professor of Electrical Engineering, first semester 1970-71, full pay. (Leave subsequently cancelled without prejudice.)

HEINZ VON FOERSTER, Professor of Electrical Engineering and Biophysics, first semester 1970-71, full pay.

*Department of Mechanical and Industrial Engineering*

JOHN C. CHATO, Professor of Mechanical Engineering, second semester 1970-71, full pay.

WILLIAM L. HULL, Professor of Mechanical Engineering, second semester 1970-71, full pay.

ROBERT ALLAN WHITE, Associate Professor of Mechanical Engineering, second semester 1970-71, full pay.

*Department of Metallurgy and Mining Engineering*

DAVID S. LIEBERMAN, Professor of Metallurgy and Mining Engineering, second semester 1970-71, full pay; or first semester 1970-71, full pay; leave contingent upon receipt of supplementary financial aid.

*Department of Physics*

PETER AXEL, Professor of Physics, second semester 1970-71, full pay.

PETER G. DEBRUNNER, Associate Professor of Physics, second semester 1970-71, full pay.

ROBERT D. SARD, Professor of Physics, first semester 1970-71, full pay.

CAMERON B. SATTERTHWAITE, Professor of Physics, first semester 1970-71, full pay.

CHARLES P. SLICHTER, Professor of Physics, academic year 1970-71, one-half pay.

H. W. WYLD, Professor of Physics, second semester 1970-71, full pay.

*Department of Theoretical and Applied Mechanics*

WILL J. WORLEY, Professor of Theoretical and Applied Mechanics, second semester 1970-71, full pay.

**College of Fine and Applied Arts***Department of Architecture*

ROBERT LOUIS JAMES AMICO, Assistant Professor of Architecture, second semester 1970-71, two-thirds pay.

VACLAV VASCO CAPOUREK, Associate Professor of Architecture, first semester 1970-71, two-thirds pay.

ROBERT J. SMITH, Professor of Architecture, second semester 1970-71, full pay.  
STEPHEN J. Y. TANG, Professor of Architecture, first semester 1970-71, full pay.

*Department of Art*

CARLETON W. BRIGGS, Professor of Art, first semester 1970-71, full pay.  
GEORGE N. FOSTER, Professor of Art, first semester 1970-71, full pay.  
MARCEL FRANCISCONO, Assistant Professor of Art, second semester 1970-71, full pay.  
LEO GRUCZA, Assistant Professor of Art, first semester 1970-71, full pay.  
EDWARD E. LANCASTER, Assistant Professor of Art, second semester 1970-71, full pay. (Leave subsequently cancelled without prejudice.)  
JOHN W. RAUSHENBERGER, Associate Professor of Art, second semester 1970-71, full pay.  
DENNIS M. ROWAN, Assistant Professor of Art, second semester 1970-71, full pay.  
JAMES R. SHIPLEY, Professor of Art and Head of the Department, second semester 1970-71, full pay.  
MARK ANDERSON SPRAGUE, Professor of Art, second semester 1970-71, full pay.  
ROBERT A. VON NEUMANN, Professor of Art, first semester 1970-71, full pay.

*School of Music*

E. SANFORD BERRY, Professor of Music, second semester 1970-71, full pay.  
HAROLD A. DECKER, Professor of Music, second semester 1970-71, full pay.  
JERALD HAMILTON, Professor of Music, second semester 1970-71, full pay.  
CHARLES E. HAMM, Professor of Music, second semester 1970-71, full pay.  
SALVATORE MARTIRANO, Associate Professor of Music, academic year 1970-71, one-half pay; or first semester 1970-71, full pay; full-year leave contingent upon receipt of supplementary financial aid.  
EVELYN C. REYNOLDS, Assistant Professor of Music, academic year 1970-71, one-half pay.  
PAUL ROLLAND, Professor of Music, second semester 1970-71, full pay.  
DEAN SANDERS, Professor of Music, academic year 1970-71, one-half pay.  
NICHOLAS M. TEMPERLEY, Associate Professor of Music, first semester 1970-71, one-half pay.

*Department of Theatre*

JOSEPH W. SCOTT, Professor of Theatre and of Speech and Director of University Theatre, six months beginning March 1, 1971, full pay.

*Department of Urban Planning*

WILLIAM I. GOODMAN, Professor of Urban Planning and Chairman of the Department, second semester 1970-71, full pay.

*Bureau of Community Planning*

ALBERT Z. GUTTENBERG, Professor of Community and Urban Planning, one year beginning September 1, 1970, one-half pay.

**Institute of Labor and Industrial Relations**

PHILLIPS L. GARMAN, Professor of Labor and Industrial Relations and in Division of University Extension, six months beginning February 1, 1971, full pay; leave contingent upon receipt of supplementary financial aid.

**College of Law**

CHARLES HENRY BOWMAN, Professor of Law, second semester 1970-71, full pay.  
PETER H. HAY, Professor of Law, first semester 1970-71, full pay.  
JEFFREY O'CONNELL, Professor of Law, first semester 1970-71, full pay.  
RALPH REISNER, Professor of Law, second semester 1970-71, full pay.

**College of Liberal Arts and Sciences**

*Department of Anthropology*

DEMITRI B. SHIMKIN, Professor of Anthropology and of Geography, academic year 1970-71, one-half pay.



*Department of Astronomy*

JOHN R. DICKEL, Associate Professor of Astronomy, academic year 1970-71, one-half pay.

GEORGE C. McVITTIE, Professor of Astronomy and Head of the Department, first semester 1970-71, full pay.

*Department of Botany*

RODERICK MACLEOD, Assistant Professor of Botany, first semester 1970-71, full pay.

M. E. REICHMANN, Professor of Botany, one semester 1970-71, full pay.

*Department of Chemistry and Chemical Engineering*

WILLIAM H. PIRKLE, Associate Professor of Chemistry, academic year 1970-71, one-half pay; leave contingent upon receipt of supplementary financial aid. (Leave subsequently canceled without prejudice.)

ROBERT L. SANI, Assistant Professor of Chemistry and Chemical Engineering, academic year 1970-71, one-half pay.

GALEN DEAN STUCKY, Associate Professor of Chemistry and Chemical Engineering, second semester 1970-71, full pay.

GREGORIO WEBER, Professor of Chemistry, first semester 1970-71, full pay.

*Department of English*

JACKSON J. CAMPBELL, Professor of English, second semester 1970-71, full pay.

ROBERT D. GIESELMAN, Assistant Professor of English, academic year 1970-71, one-half pay.

FRANCIS EDWARD HODGINS, Associate Professor of English and Executive Secretary of the Department, academic year 1970-71, one-half pay.

JAMES F. STOTTLAR, Assistant Professor of English, academic year 1970-71, one-half pay.

JOHN CALDWELL STUBBS, Assistant Professor of English, academic year 1970-71, one-half pay. (Leave subsequently canceled without prejudice.)

*Department of Entomology*

STANLEY FRIEDMAN, Professor of Entomology, academic year 1970-71, one-half pay; leave contingent upon receipt of supplementary financial aid. (Leave subsequently canceled without prejudice.)

GILBERT P. WALDBAUER, Associate Professor of Entomology, second semester 1970-71, full pay.

*Department of French*

HERBERT DE LEY, Associate Professor of French, second semester 1970-71, one-half pay.

FRED M. JENKINS, Associate Professor of French and Linguistics, academic year 1970-71, one-half pay.

GUY LUCIEN LAPREVOTTE, Assistant Professor of French, academic year 1970-71, one-half pay.

NOELLE C. LAPREVOTTE, Assistant Professor of French, academic year 1970-71, one-half pay.

LARKIN BURL PRICE, Assistant Professor of French, academic year 1970-71, one-half pay.

*Department of Geography*

JOHN H. GARLAND, Professor of Geography, second semester 1970-71, full pay.

*Department of Geology*

ALBERT V. CAROZZI, Professor of Geology, second semester 1970-71, full pay.

CARLETON A. CHAPMAN, Professor of Geology, second semester 1970-71, full pay.

W. HILTON JOHNSON, Associate Professor of Geology and Assistant to the Head of the Department, academic year 1970-71, one-half pay.

*Department of History*

WILBUR APFLEBAUM, Assistant Professor of History, second semester 1970-71, two-thirds pay; leave contingent upon receipt of supplementary financial aid.

BENNETT D. HILL, Associate Professor of History, academic year 1970-71, one-half pay; or second semester 1970-71, full pay; full-year leave contingent upon receipt of supplementary financial aid.

THOMAS A. KRUEGER, Associate Professor of History, first semester 1970-71, two-thirds pay.

ROBERT M. MCCOLLEY, Associate Professor of History, first semester 1970-71, one-half pay; leave contingent upon receipt of supplementary financial aid. (Leave subsequently canceled without prejudice.)

CLARK C. SPENCE, Professor of History and Chairman of the Department, academic year 1970-71, one-half pay.

ROBERT M. SUTTON, Professor of History and Director of the Illinois Historical Survey, first semester 1970-71, full pay.

#### *Department of Mathematics*

ROBERT B. ASH, Associate Professor of Mathematics, academic year 1970-71, one-half pay.

PAUL T. BATEMAN, Professor of Mathematics and Head of the Department, second semester 1970-71, full pay.

IRA DAVID BERG, Associate Professor of Mathematics, first semester 1970-71, full pay.

STEWART SCOTT CAIRNS, Professor of Mathematics, second semester 1970-71, full pay.

MAHLON M. DAY, Professor of Mathematics, first semester 1970-71, full pay.

JOHN W. GRAY, Professor of Mathematics, first semester 1970-71, full pay.

SHISHIRKUMAR S. JOGDEO, Associate Professor of Mathematics, first semester 1970-71, one-half pay.

LEON R. MCCULLOH, Associate Professor of Mathematics, academic year 1970-71, one-half pay.

ERNEST TILDEN PARKER, Professor of Mathematics, first semester 1970-71, full pay.

R. RANGA RAO, Associate Professor of Mathematics, first semester 1970-71, full pay.

JOSEPH ROTMAN, Professor of Mathematics, first semester 1970-71, two-thirds pay. MICHIO SUZUKI, Professor of Mathematics, first semester 1970-71, full pay; leave contingent upon receipt of supplementary financial aid.

HERBERT E. VAUGHAN, Professor of Mathematics, second semester 1970-71, full pay. (Leave subsequently cancelled without prejudice.)

PAUL M. WEICHSEL, Associate Professor of Mathematics, first semester 1970-71, two-thirds pay.

#### *Department of Microbiology*

PAUL S. SYPHERD, Associate Professor of Microbiology, academic year 1970-71, one-half pay; leave contingent upon receipt of supplementary financial aid.

#### *Department of Philosophy*

DAVID S. SHWAYDER, Professor of Philosophy and Chairman of the Department, second semester 1970-71 and first semester 1971-72, one-half pay; or second semester 1970-71, full pay.

#### *Department of Physiology and Biophysics*

JAMES EDWARD HEATH, Associate Professor of Physiology, academic year 1970-71, one-half pay; or first semester 1970-71, full pay; full-year leave contingent upon receipt of supplementary financial aid.

#### *Department of Political Science*

STUART S. NAGEL, Professor of Political Science, academic year 1970-71, one-half pay.

#### *Department of Psychology*

JACK A. ADAMS, Professor of Psychology, second semester 1970-71, full pay; leave contingent upon receipt of supplementary financial aid.

LEON A. JAKOBOVITS, Research Associate Professor of Communications and Associate Professor of Psychology, first semester 1970-71, full pay.

LEONARD PAUL ULLMANN, Professor of Psychology, academic year 1970-71, one-half pay.

#### *School of Life Sciences*

RICHARD RILEY MARSH, Professor of Biology, School of Life Sciences, Professor

of Food Science, and Director of University Honors Programs, six months beginning July 1, 1970, full pay.

#### *Department of Sociology*

DAVID J. BORDUA, Professor of Sociology, first semester 1970-71, full pay.

GUENTHER LUESCHEN, Associate Professor of Sociology and of Physical Education, first semester 1970-71, two-thirds pay.

RITA JAMES SIMON, Professor of Sociology and Head of the Department, academic year 1970-71, one-half pay.

#### *Department of Speech*

STAFFORD H. THOMAS, Assistant Professor of Speech, second semester 1970-71, full pay.

WILLARD R. ZEMLIN, Associate Professor of Speech, second semester 1970-71, full pay.

#### *Department of Zoology*

ARTHUR WARREN GHENT, Associate Professor of Zoology, second semester 1970-71, full pay.

MAX R. MATTESON, Associate Professor of Zoology, second semester 1970-71, full pay.

#### **Library**

MAYNARD BRICHFORD, Associate Professor and University Archivist, six months beginning March 1, 1971, full pay.

CARL W. DEAL, Associate Professor of Library Administration, Consultant in Bibliography, Library, and Acting Director of Center for Latin-American Studies, six months beginning March 1, 1971, full pay.

HOWARD ARTHUR MESSMAN, Mathematics Librarian (with rank of Assistant Professor), one year beginning August 1, 1970, one-half pay.

ROLLAND E. STEVENS, Professor of Library Science, first semester 1970-71, full pay.

#### **College of Physical Education**

A. E. FLORIO, Professor of Safety Education and Program Director of Safety Education and Driver Education, second semester 1970-71, full pay.

#### **College of Veterinary Medicine**

WILLIAM G. HUBER, Professor of Veterinary Physiology and Pharmacology, six months beginning December 15, 1970, full pay.

On motion of Mr. Grimes, these leaves were granted as recommended.

#### **REVISION OF REGULATIONS GOVERNING THE USE OF INDIRECT-COST INCOME, COST-OF-EDUCATION ALLOWANCES, AND UNRESTRICTED INSTITUTIONAL GRANTS OR GIFTS**

(14) The Executive Vice President and Provost and the Vice President and Comptroller recommend that present University policy governing the distribution of indirect-cost income be changed from a fixed formula to annual budgeting. This change is proposed partly to enable the University to meet more effectively the requirements of various state agencies for projecting and reporting expenditures of these and similar funds. More specifically it is recommended:

1. That section 14(f) of *The General Rules Concerning University Organization and Procedure* be deleted:

"When the budget provides for full recovery of all indirect costs, or in those cases where some other rate of reimbursement is established by policy of the sponsoring agency and can not be altered by the University, the following distribution of the funds thus received shall be made:

- (1) Forty per cent to a reserve which will periodically lapse to general Uni-

versity income. Special administrative, physical plant, or other costs which result from such research activities may be charged directly to this reserve.

- (2) Thirty per cent to a fund to be allocated by the University Research Board, for general University research purposes.
- (3) Thirty per cent to the University department conducting the investigation, for research or related activities.

"In those cases where less than total reimbursement of indirect costs is received, except where this is due to the established policy of the sponsoring agency, all sums received for this purpose shall first be applied to the general University allocation under (1) above. After the full 40 per cent of all indirect costs has been realized, any balance shall then be applied to (2) above, and after such 30 per cent has been realized, any remaining balance shall be applied to (3) above. "On projects where limited or excessive demands are made upon University facilities, the committee is authorized to revise the percentage allocation provided above."

2. That the following paragraph replace the part of Section 14(f) just reproduced: "The expenditure of funds received as reimbursement for indirect costs of research or other University activities, as cost-of-education allowances, as general-support grants ("institutional grants," "general research-support grants," etc.), or as any other category of gift or grant not restricted as to use by the donor or by other regulations of the Board of Trustees, requires authorization by the Board of Trustees. This may be done in either of two ways: (1) approval as part of the University's annual budget for operations or that for capital improvements; (2) approval during the fiscal year as an addition to the annual budget for operations or to that for capital improvements."
3. That these changes become effective as of July 1, 1970.

This recommendation is submitted after consultation with the three Chancellors, the University Council on Graduate Education and Research, and the University Senates Conference.

I concur.

On motion of Mr. Swain, this recommendation was approved.

#### **APPROPRIATION AND REAPPROPRIATION FOR NONRECURRING EXPENDITURES**

##### **Chicago Circle**

- (15) The Chancellor, on behalf of the Chicago Circle Committee on Nonrecurring Appropriations, recommends the following appropriation from the Chicago Circle General Reserve:

Office of Instructional Resources, film for film library..... \$36 000

##### **Urbana-Champaign**

The Chancellor on the Urbana-Champaign campus recommends reappropriation from the Urbana-Champaign General Reserve of the following balance remaining in projects previously approved by the Board of Trustees but not completed by the close of the lapse period on September 30, 1969:

Library, equipment for the Commerce and Special Languages Libraries.. \$33 130

The Executive Vice President and Provost and the Vice President and Comptroller concur.

I recommend approval of this appropriation and reappropriation.

On motion of Mr. Grimes, these appropriations were approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Page, Mr. Steger, Mr. Swain; no, none; absent, Governor Ogilvie, Mr. Stone.

#### **CONTRACTS FOR REMODELING IN EAST CHEMISTRY BUILDING, URBANA**

- (16) The President of the University, with the concurrence of appropriate administrative officers, recommends award of the following cost-plus contracts based on percentages bid for contractors' fees for remodeling Room 318 in the East

Chemistry Building, for the Department of Chemistry, the award in each case being to the low bidder.

	<i>Per Cent for Material</i>	<i>Per Cent for Labor</i>	<i>Per Cent for Sub- contracts</i>	<i>Estimated Fee Pay- ments and Equipment Costs</i>	<i>Total Estimated Payments</i>
General — Dean Evans Co.,					
Champaign.....	2	22	2	\$2 508	\$23 108
Electrical — Remco Electrical Corporation, Champaign.....	10	30	30	1 300	7 300
Plumbing — David W. Reichard Plumbing & Heating Co., Inc., Urbana.....	15	40	5	490	2 490
Heating, Piping, Refrigeration and Automatic Temperature Control Systems — David W. Reichard Plumbing & Heating Co., Inc., Urbana.....	15	40	5	2 070	11 170
Ventilation and Distribution Systems for Conditioned Air — Cool-Rite Mechanical Con- tractors, Inc., Urbana.....	20	38	10	2 656	13 056

Since David W. Reichard Plumbing & Heating Co., Inc., Urbana, is the low bidder for plumbing work and for heating, piping, refrigeration and automatic temperature control systems work, with identical fee percentages, it is recommended that these two awards be combined in a single contract instead of separate contracts.

Funds for this work are available in an appropriation made by the Board of Trustees on December 17, 1969.

Submitted herewith is a schedule of bids received, a copy of which is being filed with the Secretary of the Board for record.

On motion of Mr. Swain, these contracts were awarded by the following vote; Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Page, Mr. Steger, Mr. Swain; no, none; absent, Governor Ogilvie, Mr. Stone.

#### CONTRACTS FOR PLUMBING, MECHANICAL, AND ELECTRICAL WORK AND FINANCING FOR ILLIAC IV BUILDING, URBANA

(17) On October 15, 1969, the Board of Trustees awarded a construction contract for the general work for the ILLIAC IV Building in the amount of \$654,000 to Skoog Construction Company, Champaign, the low base bidder. The general work was bid prior to the other divisions of work in order to expedite the completion of the building to meet the schedule for the delivery of the ILLIAC IV computer.

Bids have now been received for the plumbing, mechanical, and electrical work. Accordingly, the President of the University, with the concurrence of appropriate administrative officers, recommends award of the following contracts, the award in each case being to the low base bidder.

Plumbing, Illini Plumbing and Heating, Inc., Champaign.....	\$ 25 940
Heating, Refrigeration and Temperature Control — David W. Reichard Plumbing & Heating Co., Inc., Urbana.....	53 350
Ventilating and Sheet Metal — Conrad Sheet Metal Co., Bloomington..	27 843
Electrical — Remco Electrical Corporation, Champaign.....	118 600
Pipe Covering and Insulation — Reliable Plumbing & Heating Company, Champaign.....	17 675
<i>Total</i> .....	<i>\$243 408</i>

The contract documents provided that bidders for general work should indicate the amount of the fee for assignment of the plumbing, mechanical, and electrical contracts in anticipation that these contracts would be assigned to the general contractor for coordination. The low base bid for general work by Skoog

Construction Company included a fee of 5 per cent of the contract amounts of the awards for work under the other divisions. The assignment fee based on the low base bids for these divisions of the work is \$12,170.40. It is also recommended that these contracts be assigned to the general contractor, Skoog Construction Company, at that fee.

The total project cost is \$1,080,000. The Board of Trustees on October 15, 1969, appropriated \$830,000, and the balance of the funding (\$250,000) was included in state capital appropriations to the University for Fiscal Year 1970. The \$250,000 in state capital appropriations has not been released by the Governor. In order that these contracts can be awarded at this time, it is further recommended that an assignment of \$250,000 be made from the Contract Research Reserve (Graduate College) unless and until funds are released by the Governor.

Submitted herewith is a schedule of bids received, a copy of which is being submitted to the Secretary of the Board for record.

On motion of Mr. Hahn, these contracts were awarded by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Page, Mr. Steger, Mr. Swain; no, none; absent, Governor Ogilvie, Mr. Stone.

**REQUEST TO ILLINOIS BUILDING AUTHORITY TO INCREASE  
CONTRACT FOR CONSTRUCTION OF COLLEGE OF  
DENTISTRY BUILDING, PHASE I,  
MEDICAL CENTER**

(18) On August 20, 1969, the Board of Trustees requested the Illinois Building Authority to contract for construction of the College of Dentistry Building, Phase I, at the Medical Center campus. Subsequently the Authority awarded a contract to M. A. Lombard & Son Co., Alsip, the low base bidder. During the construction of the last caisson, soil conditions were encountered which made it impossible to construct the caisson as designed. This necessitated additional work on the part of the contractor. The contract provides that additional foundation work may be authorized by the Authority on a cost basis.

The work has now been completed and the additional cost to the contractor has been firmed up at \$13,699.41. Accordingly, the President of the University, with the concurrence of appropriate administrative officers, recommends that the Illinois Building Authority be requested to increase the contract with M. A. Lombard & Son Co., in this amount for this additional work.

Funds are available in the project budget for this work.

On motion of Mr. Swain, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Page, Mr. Steger, Mr. Swain; no, none; absent, Governor Ogilvie, Mr. Stone.

**EASEMENT AND PERMIT TO ILLINOIS POWER COMPANY, URBANA**

(19) The President of the University, with the concurrence of appropriate administrative officers, recommends that the University of Illinois Foundation be requested to grant to the Illinois Power Company a permanent 80 feet by 60 feet easement on the Foundation-owned land near the southwest corner of South First Street Road and Windsor Road extended in Champaign County, Illinois, for the right to extend downguys from a pole to be located on adjoining lands for which the Illinois Power Company already has an easement.

It is also recommended that a permit be granted to the Illinois Power Company for connecting the overhead electric transmission line to the South Campus Electric Substation north of Windsor Road near Goodwin Avenue extended at the Urbana-Champaign campus and that the following resolution be adopted.

**RESOLUTION AUTHORIZING PERMIT TO ILLINOIS POWER  
COMPANY TO CONNECT ELECTRIC TRANSMISSION  
LINE TO SOUTH CAMPUS ELECTRIC SUBSTATION,  
CHAMPAIGN COUNTY, ILLINOIS**

*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 Comptroller and

the Secretary of this public Corporation be, and they hereby are, authorized to execute, acknowledge, and deliver in the name and on behalf of this Corporation such instruments of conveyance, contract, or other document or documents as to them may seem necessary or desirable in order to grant to the Illinois Power Company, an Illinois Corporation, hereinafter referred to as "Grantee," its successors and assigns, the right and permission to connect to the South Campus Electric Substation its presently existing 69 KV electric transmission line which extends along the Northerly line of the existing roadway of Windsor Road and is located approximately 33 feet South of and extending parallel with the South line of said substation site, which transmission line eventually must be rearranged and relocated to accommodate the future improvement and widening of Windsor Road, and which substation site is described as:

That part of the Southwest Quarter of the Southeast Quarter (SW  $\frac{1}{4}$  SE  $\frac{1}{4}$ ) of Section Nineteen (19), Township Nineteen North (T 19 N), Range Nine East (R 9 E) of the Third Principal Meridian (3rd P.M.), more particularly described as follows:

Beginning at a point which is sixty (60) feet North and fifty (50) feet West of the Southeast corner of said Southwest Quarter of the Southeast Quarter (SW  $\frac{1}{4}$  SE  $\frac{1}{4}$ ), proceed West parallel with the South line of said Section Nineteen (19), a distance of 220 feet; thence North, perpendicular to said Section line, 160 feet; thence East, parallel with said Section line, 220 feet; thence South, perpendicular to said Section line, 160 feet to the point of beginning, containing 0.808 acres, more or less.

The right and permission to connect said electric transmission line to said substation shall be only until such time as Windsor Road is so widened and improved and other provisions are made to connect said transmission line with said substation in conjunction with such improvement and shall be to permit Grantee to:

- (a) install and maintain two (2) poles in said transmission line at points 167 feet and 181 feet West of the East line of the aforesaid Southwest Quarter of the Southeast Quarter; and
- (b) extend electric conductors Northerly from said poles to and from the substation as required from time to time; and
- (c) extend overhead guy wires Southerly from each of said poles to one (1) stub pole located about one (1) foot South to the South right-of-way line of the existing Windsor Road; and
- (d) extend downguys Southerly from said stub pole to one (1) anchor a distance not to exceed twenty (20) feet from the base of said stub pole.

The rights and permit granted to be limited to the extent that this public Corporation has the present right and capacity to grant the same. Grantee shall have the right to clear and remove any obstacles or obstructions on the permit area as may be required to provide necessary clearance. Grantee shall agree to repair any damage caused to property of this Corporation or pay any damages which may be caused to property of this Corporation in the process of construction, reconstruction, or maintenance of said line, and to indemnify this Corporation and its representatives from liability in connection with Grantee's activities. Upon termination of the permit, Grantee shall peaceably surrender possession of said premises to this Corporation and full and complete title then shall remain in this Corporation free and clear of said permit and without necessity of re-entry or demand.

The foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Page, Mr. Steger, Mr. Swain; no, none; absent, Governor Ogilvie, Mr. Stone.

#### **EMPLOYMENT OF PROGRAM PLANNING CONSULTANTS, MEDICAL CENTER**

(20) The Chancellor at the Medical Center campus, with the concurrence of other administrative officers there, recommends further employment of Lester Gorsline Associates, Belvedere-Tiburon, California, for consulting services supplementary to those provided under an earlier contract as Phase I in program planning for improved facilities for the University of Illinois Hospital.

In January of 1970 Lester Gorsline Associates submitted to the University a report entitled *Preliminary Planning Analysis—University of Illinois Hospital*, in fulfillment of the contract approved by the Board of Trustees at its meeting on December 18, 1968. The report makes several far-reaching recommendations, including a proposal that the University of Illinois Hospital assume responsibility for comprehensive health-care services for a large target population in the west-southwest area of Chicago. The report also recommends the construction of a major new University of Illinois Hospital which would assume a substantial proportion of Cook County Hospital's present patient-care responsibilities.

These recommendations are currently under study at the Medical Center campus. Further, copies of the document have been sent to various institutions, agencies, and individuals that would be directly or indirectly concerned with the findings and recommendations presented in the report, including the Health Education Commission of the Board of Higher Education.

For the purpose of expediting the evaluation of these proposals, clarifying their implications for the several agencies and institutions involved, and other preparation for the next phase of program planning for the Hospital, it is recommended that Lester Gorsline Associates be engaged for additional consulting services during the remainder of the current fiscal year. The consultants' fee will be \$19,552 plus reimbursable costs not to exceed \$5,400 for direct expenses. Funds are available in the Medical Center General Reserve.

The Executive Vice President and Provost and the Vice President and Comptroller recommend approval of this proposal.

I concur.

On motion of Mr. Jones, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Page, Mr. Steger, Mr. Swain; no, none; absent, Governor Ogilvie, Mr. Stone.

#### **CONSOLIDATION OF LEASES FOR AUTOMATIC DATA-PROCESSING EQUIPMENT**

(21) The three campuses of the University lease various types of automatic data-processing equipment under agreements with the International Business Machines Corporation as originally authorized by the Board of Trustees on April 10, 1948.

As a result of a recent review of the various leases, it was determined that because of changes in demand and technological advances with automatic data-processing equipment, it is necessary to make periodic changes in equipment, and that the University could benefit by having one new master lease agreement which would provide for the most efficient operational and budgetary procedures for all campuses.

The President of the University with the concurrence of appropriate administrative officers, recommends that the Vice President and Comptroller be authorized to execute a new master lease agreement which will consolidate all of the existing lease agreements with the International Business Machines Corporation.

On motion of Mr. Clement, this recommendation was approved.

#### **AUTHORIZATION OF PATENT PROVISION IN CONTRACTS WITH DETROIT EDISON AND DEERE & COMPANY**

(22) I. The University of Illinois has received financial support of approximately \$50,000 from the Detroit Edison Company during the past three years to conduct research in the field of pulverized fuel flow and particle concentration in smoke-stack gas in the Department of Mechanical and Industrial Engineering. The funds have supported studies of graduate students, and a high degree of competence has been developed in the particular field of air pollutants.

It now appears feasible to develop a device for measuring the particulate matter contributing to air pollution resulting from smokestacks. To support this aspect of the project, the Detroit Edison Company is offering an additional \$10,000 with the request that a contract be entered into in which the University agrees to grant Detroit Edison the right to purchase equipment which results from any invention developed under the project at a royalty free cost. This research is in an area of immediate and prime public interest and will result



in research in both the measurement and control of pollution, and such a contract provision will not materially restrict the University in the management of such inventions.

II. Deere & Company has offered to provide the sum of \$2,500 for research to determine the optimum method to apply phosphate fertilizer when a chisel plow system is used. This, however, may develop into contracts of significantly larger amounts. It appears very unlikely that any patentable invention will develop from this work; however, Deere & Company has requested that, if a patent is obtained resulting from this work, they be given the option of being granted an exclusive license with the payment of a reasonable royalty or a nonexclusive royalty-free license. This appears to be reasonable and proper. The provisions of the *General Rules* of the University contemplate that the Board may accord preferential treatment to industrial sponsors of research.

Accordingly, with the concurrence of appropriate administrative officers, the President requests approval of the acceptance of contracts carrying the terms stated in I and II above.

On motion of Mr. Jones, approval was granted as requested.

#### ETHEL V. HIGGINSON ESTATE

(23) The University of Illinois is a beneficiary under the Will of Mrs. Higginson. The Will specifies that a fund is to be established to be known as the "Glenn and Ethel Higginson Needy Student Fund." The Will provides that the income from the fund is to be paid to Mr. E. H. Skinner during his lifetime. Mr. Skinner and the executor, Mr. Michael O'Byrne, have requested that the University accept the bequest at this time amounting to \$41,810 and to invest the principal in high yield bonds of good quality, and to pay the income to Mr. Skinner in quarterly installments during his lifetime. Mr. O'Byrne has advised that an alternate procedure would be to request an outside trustee to hold this fund during Mr. Skinner's lifetime, but he is willing to transfer the funds to the University at this time if they will be accepted under the terms indicated above.

The President, with the concurrence of administrative officers involved, requests authorization to accept and administer the fund under these conditions.

On motion of Mr. Grimes, authority was given as requested.

#### PURCHASES

(24) The President submitted, with his concurrence, a list of purchases recommended by the Directors of Purchases and the Vice President and Comptroller.

The list of purchases was presented in two categories: purchases from appropriated funds (i.e., from state appropriations to the University) and purchases from institutional funds. The latter term designates funds received by the University under contracts with the United States government, contracts with private corporations and other organizations, funds from foundation grants, and grants from corporations and other donors, and University revolving funds authorized by law.

The total amounts of these purchases were:

From Appropriated Funds — Recommended.....	\$241 707 77
From Institutional Funds — Recommended.....	422 864 61
Total .....	\$664 572 38

A complete list of the purchases, with supporting information, including the quotations received, was sent to each member of the Board in advance of the meeting, and a copy is being filed with the Secretary of the Board for record.

On motion of Mr. Hahn, the purchases recommended by the President 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 Directors of Purchases in amounts of \$5,000 to \$7,500. A copy of this report is filed with the Secretary.

This report was received for record.

#### COMPTROLLER'S MONTHLY REPORT OF CONTRACTS EXECUTED

(26) The Comptroller's monthly report of contracts executed was presented.

**Medical Center***New Contracts*

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
World Health Organization	Improve medical education in African region of World Health Organization	\$ 9 150
<i>Total</i>		<u>\$ 9 150</u>

**Urbana-Champaign***New Contracts*

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
Columbia Gas System Service Corporation	Modeling and optimization of absorption air condi- tioners	\$ 13 106
Commonwealth of Puerto Rico Department of Education	Conduct a special training program for Puerto Rican teachers of English	28 048
National Aeronautics and Space Administration: NGR 14-005-144	Determination of multiple element airfoil geome- tries for maximizing lift coefficient	20 319
NGR 14-005-145	Nonstationary gust response analysis	33 737
State of Illinois: Department of Conservation	Systems plan for waterfowl refuges-recreation areas for the state of Illinois	22 000
Senate Committee of Municipal Corporations	Analysis of problems concerning the relationship of the state of Illinois to housing and other urban problems	15 000
Zoning Laws Study Commission	Staff assistance in zoning laws study	5 848
Union Carbide Corporation Nuclear Division	Empirical relationships between $K_{10}$ (or $K_0$ ) data, dynamic tear test data, and Charpy data	8 700
United States Air Force F 29601-70-C-0024	Stabilization of deep soil layers	64 031
United States Department of Interior: Federal Water Pollution Control Administration 17060-EYZ	New microbial indicators of wastewater chlorina- tion efficiency	43 204
Office of Water Resources Research 14-31-0001-3169	Study of hydrology for models of the Great Lakes	34 990
<i>Total</i>		<u>\$288 983</u>

*Change Orders*

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
W. R. Grace and Company	Ultrafine ceramic particles	\$ 10 000
Illinois Archaeological Survey, Inc.	Archaeological salvage work consisting of testing and excavation of archaeological sites	5 435
National Aeronautics and Space Administration NGL 14-005-074	Psychological responses of central vestibular path- ways and diffuse ascending systems to vestibular stimulation	140 000
United States Air Force F 29601-69-C-0071	Silicate treatment to inhibit corrosion of hot potable water systems	14 398
United States Army DAHC-04-67-C-0025	Research in experimental and theoretical physics	34 659
United States Atomic Energy Commission: AT (11-1) 1142	Kinetic isotope effects and related chemical kinetic problems	29 000
AT (11-1) 1683	Relationship of structural and regulatory genes controlling the ability of cells to exist under dif- ferent environmental conditions	14 250
AT (11-1) 2007	Study of advanced methods for nuclear reactor gas laser coupling	45 000
United States Department of Agriculture 12-14-100-5665 (81)	Plant pest control	6 000
United States Navy: N00014-67-A-0305-0002	Investigations of radio direction-finding techniques over broad bands of frequencies to obtain accu- rate bearing information on intercepted signals	72 206

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
N00014-67-A-0305-0011	Solid state and surface state electronics of semiconductors as related to devices such as transistors and photo-detectors	15 000
Warner Electric Brake and Clutch Company	Incremental motion control problems	300 109
<b>Total</b>		<b>\$686 057</b>

*Change Orders*

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>
Champaign A and K Insulation Company	Insulation work — cost-plus contract: Student Services Building	\$ 5 000
Dean Evans Company	General work — cost-plus contract: University High School	6 500
David W. Reichard Plumbing and Heating Company, Inc.	Ventilation work — cost-plus contract: 26 East Springfield Avenue	6 810
Remco Electrical Corporation	Electrical work — cost-plus contract: Noyes Laboratory	5 200
<b>Total</b>		<b>\$ 23 510</b>

**Summary**

Amount to be paid to the University:	
Medical Center.....	\$ 9 150
Urbana-Champaign.....	975 040
<b>Total.....</b>	<b>\$984 190</b>
Amount to be paid by the University:	
Urbana-Champaign.....	\$ 23 510

This report was received for record.

**INVESTMENT REPORT**  
**For the Month of January, 1970**

**Report of the Comptroller**

(27) The Comptroller reported the following changes in investments of current and unexpended plant funds, which he has been authorized to make:

*Current Funds*

<b>Restricted (Chicago Circle)</b>	
Purchase:	<i>Per Cent</i>
\$ 25 000 Associates Corp. demand notes.....	8.47      \$ 25 000 00

*Medical Service Plan (Medical Center)*

Purchase:	
\$ 26 000 CIT Financial demand notes.....	8.60      26 000 00

*Restricted Group*

Sale:	
\$1 000 000 Atlantic Richfield notes due 2/9/70.....	990 368 11
Purchases:	
\$ 500 000 PPG Industries note due 3/16/70.....	9.16      491 500 00
1 000 000 New England Telephone note due 3/17/70....	9.16      983 000 00
500 000 Amoco Credit note due 4/3/70.....	9.34      488 467 01
500 000 Colorado Interstate note due 4/3/70.....	9.34      488 467 01
1 000 000 El Paso Natural Gas note due 7/7/70.....	9.42      955 000 00

*Plant Funds**Art Objects*

Sale:	
\$350 000 U.S. Treasury bills due 7/31/70.....	335 300 38
Purchases:	
\$300 000 El Paso Natural Gas note due 7/7/70.....	9.42      286 500 00
50 000 Local Loan note 8¾ per cent due 7/22/71.....	8.75      50 000 00

*Dentistry-Medicine-Pharmacy Auxiliary (Medical Center)*

Sale:	
\$235 000 U.S. Treasury bills due 4/16/70.....	230 621 95

*Sinking Funds**Assembly Hall*

	<i>Per Cent</i>	
Purchase:		
\$ 76 000 U.S. Treasury bills due 3/31/70.....	7.42	75 040 61

*Dentistry-Medicine-Pharmacy (Medical Center)*

Purchase:		
\$ 20 000 U.S. Treasury bills due 3/26/70.....	7.37	19 745 50

*Housing Revenue Bonds*

Purchase:		
\$202 000 U.S. Treasury 5½ per cent notes due 8/15/74....	7.28	183 567 50

*Illini Union and Health Center*

Purchase:		
\$ 5 000 U.S. Treasury bills due 11/30/70.....	7.10	4 677 86

*Men's Residence Halls of 1957*

Purchases:		
\$ 30 000 U.S. Treasury bills due 3/26/70.....	7.81	29 595 75
90 000 U.S. Treasury 5¼ per cent notes due 5/15/71....	7.67	87 075 00
26 000 U.S. Treasury 5½ per cent notes due 8/15/74....	8.72	23 611 25

*Revenue Bonds of 1956*

Purchase:		
\$ 12 000 U.S. Treasury 5¼ per cent notes due 5/15/71....	7.47	11 640 00

*Women's Residence Halls of 1956*

Purchase:		
\$ 7 000 U.S. Treasury 5¼ per cent notes due 5/15/71....	7.67	6 772 50

This report was received for record.

#### AMENDMENT OF REGULATIONS GOVERNING THE CERTIFICATE OF CERTIFIED PUBLIC ACCOUNTANT

(28) The University Committee on Accountancy has recommended changes in the University's regulations adopted by the Board of Trustees for administering the Illinois Accountancy Law. The Committee has also recommended that the regulations be codified to incorporate all amendments since the last printed publication of the regulations and to make certain editorial changes. If the changes are approved, the Committee plans to publish a new edition of the regulations and explanation for the guidance of candidates for examination.

I concur in the changes recommended. A copy of the complete text of the University Regulations for Administering the Illinois Accountancy Law indicating the recommended amendments is being filed with the Secretary of the Board for record.

The Executive Committee of the Board on February 18 recommended approval.

On motion of Mr. Jones, the recommendation of the Executive Committee was approved.

#### RECOMMENDATIONS FOR SPECIAL CHANGES IN TUITION AND FEES

(29) The University Committee on Fees<sup>1</sup> submits the following recommendations:

1. That the fee of \$1.00 presently charged for post-registration changes in course programs be abolished, effective at the beginning of the next term on each campus. This proposal is endorsed by the Offices of Admissions and Records at all three campuses and by the Comptroller's Office. The costs of collecting this fee are judged to exceed its benefits.
2. That a special fee of \$125 be charged for registration in Aviation 100 (Orientation to Aviation), effective for the fall of 1970. This fee would be assessed to meet the special costs arising from flight instruction (operation of airplanes and flight simulator).

<sup>1</sup> The membership of the University Committee on Fees is as follows: Lyle H. Lanier, Chairman, Joseph S. Begando, Herbert O. Farber, E. Eugene Oliver, Norman A. Parker, Jack W. Peltason.

3. That the schedule of tuition and fees (see below) for the Medical Center campus be approved, effective for the fall of 1970.

The service fees are increased as follows:

- (a) \$48.00 per quarter for Medicine; (b) \$30.00 per quarter for Dentistry; (c) \$9.00 per quarter for all other students.

The resident tuition rates are not changed; nonresident tuition is shown at the increased rate of \$100 per year already approved by the Board of Trustees.

4. That the tuition-and-fee charges for the Dental Assistant Program and the Dental Postgraduate Program be changed from their present special status to the standard schedule for the Colleges of Nursing and Pharmacy, the Graduate College, and the School of Associated Medical Sciences, effective for the fall of 1970.

Assuming approval of recommendation 3 above, the standard schedule for 1970-71 will be:

	<i>Tuition</i>	<i>Building and Service Fee</i>	<i>Hospital- Medical- Surgical Fee</i>	<i>Total</i>
Resident.....	\$ 82 00	\$46 00	\$7 00	\$135 00/quarter
Nonresident.....	318 00	46 00	7 00	371 00/quarter

At present, the dental students are assessed "flat-rate" fees (dental assistants, \$350 per academic year; dental postgraduates, \$150 per quarter), with no distinction between Illinois-resident and nonresident students. The proposed rates are those assessed for a full-time program (Range I) for one quarter.

I concur.

The Executive Committee of the Board on February 18 recommended approval.

On motion of Mr. Steger, the recommendation of the Executive Committee was approved.

**Proposed Schedule of Tuition and Fees Medical Center Campus  
Effective for the Fall of 1970**

	<i>Range I</i>		<i>Range II</i>		<i>Range III</i>	
	<i>Pres- ent</i>	<i>Pro- posed</i>	<i>Pres- ent</i>	<i>Pro- posed</i>	<i>Pres- ent</i>	<i>Pro- posed</i>
<b>Resident</b>						
<b>Medicine:</b>						
Tuition.....	\$ 82	\$ 82	\$ 58	\$ 58	\$ 34	\$ 34
Service Fee.....	127	175	86	118	45	61
Hospital-Medical-Surgical Fee.....	7	7	7	7	7	7
<i>Total</i> .....	<u>\$216</u>	<u>\$264</u>	<u>\$151</u>	<u>\$183</u>	<u>\$ 86</u>	<u>\$102</u>
<b>Dentistry:</b>						
Tuition.....	\$ 82	\$ 82	\$ 58	\$ 58	\$ 34	\$ 34
Service Fee.....	112	142	76	96	40	50
Hospital-Medical-Surgical Fee.....	7	7	7	7	7	7
<i>Total</i> .....	<u>\$201</u>	<u>\$231</u>	<u>\$141</u>	<u>\$161</u>	<u>\$ 81</u>	<u>\$ 91</u>
<b>Nursing, Pharmacy, Graduate, and Other:</b>						
Tuition.....	\$ 82	\$ 82	\$ 58	\$ 58	\$ 34	\$ 34
Service Fee.....	37	46	26	32	15	18
Hospital-Medical-Surgical Fee.....	7	7	7	7	7	7
<i>Total</i> .....	<u>\$126</u>	<u>\$135</u>	<u>\$ 91</u>	<u>\$ 97</u>	<u>\$ 56</u>	<u>\$ 59</u>
<b>Nonresident</b>						
<b>Medicine:</b>						
Tuition.....	\$284	\$318	\$200	\$220	\$114	\$124
Service Fee.....	127	175	86	118	45	61
Hospital-Medical-Surgical Fee.....	7	7	7	7	7	7
<i>Total</i> .....	<u>\$418</u>	<u>\$500</u>	<u>\$293</u>	<u>\$345</u>	<u>\$166</u>	<u>\$192</u>

**Dentistry:**

Tuition.....	\$284	\$318	\$200	\$220	\$114	\$124
Service Fee.....	112	142	76	96	40	50
Hospital-Medical-Surgical Fee.....	7	7	7	7	7	7
<i>Total</i> .....	<u>\$403</u>	<u>\$467</u>	<u>\$283</u>	<u>\$323</u>	<u>\$161</u>	<u>\$181</u>

**Nursing, Pharmacy, Graduate,  
and Other:**

Tuition.....	\$284	\$318	\$200	\$220	\$114	\$124
Service Fee.....	37	46	26	32	15	18
Hospital-Medical-Surgical Fee.....	7	7	7	7	7	7
<i>Total</i> .....	<u>\$328</u>	<u>\$371</u>	<u>\$233</u>	<u>\$259</u>	<u>\$136</u>	<u>\$149</u>

**CHANGE ORDER — COMPUTER LEASE/ACQUISITION**

(30) The University Office of Administrative Data Processing has reviewed the increased requirements for computing equipment at the Chicago Circle campus. It has been concluded by appropriate staff personnel and approved by the administrative officers concerned that the leased 360/50 CPU system soon to be released by the Computer Science Laboratory in Urbana, with certain modifications, can be advantageously used at the Chicago Circle campus since it will be operationally compatible with other administrative data processing equipment on the Urbana-Champaign campus.

The Urbana-Champaign Department of Computer Science is in the final stages of changes in computer equipment (approved by the Board of Trustees May 21, 1969) which will cause the removal of the IBM System 360 Model 50 Central Processing Unit from University lease agreements with IBM dated February 13, 1964.

The International Business Machines Corporation has proposed a change order in our existing agreement for IBM machine service (lease agreement) which would permit the University to transfer the 360/50 CPU system being removed from the Urbana-Champaign campus to the Chicago Circle campus. Based upon an anticipated transfer date of April 1, 1970, the University could acquire title to the 360/50 CPU at a total cost of \$340,798.57 with payments spread over a five-year period, said payments to be subject to the availability of funds in accordance with the following schedule:

Fiscal Year 1970.....	\$ 14 832 07
Fiscal Year 1971.....	77 470 26
Fiscal Year 1972.....	74 350 65
Fiscal Year 1973.....	71 231 04
Fiscal Year 1974.....	68 111 43
Fiscal Year 1975.....	34 803 12
	<u>\$340 798 57</u>

In addition, the University will pay \$27,060.00 for maintenance over the five-year period.

The net result of this change order will be to effect a total savings over the five-year period of \$258,436.43, provide for prompt conversion and installation at the Chicago Circle campus, and at the end of said period title of the equipment will be vested in the University.

Funds are available in the regular operating budget generated from charges to those departments using the computer.

The President of the University, with the concurrence of the appropriate administrative officers, recommends that the Board authorize the Comptroller and Secretary of the Board of Trustees to accept the proposal of the IBM Corporation as outlined above and to execute such contracts, change orders or other appropriate documents as may be necessary to acquire title of the Central Processing Unit in accordance with the plan herein described.

The Executive Committee of the Board on February 18 recommended approval.

On motion of Mr. Swain, the recommendation of the Executive Committee was approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Page, Mr. Steger, Mr. Swain; no, none; absent, Governor Ogilvie, Mr. Stone.

**DEAN OF STUDENTS, URBANA**

(31) The Chancellor at Urbana-Champaign has recommended the appointment of Hugh M. Satterlee, Acting Dean of Students since September 1, 1969, and Director of Student Financial Aids, as Dean of Students beginning April 1, 1970, on a twelve-month service basis at an annual salary of \$21,000.

Mr. Satterlee's appointment has been endorsed by a consultative committee<sup>1</sup> appointed by the Senate to advise the Chancellor on this subject. The Executive Vice President and Provost concurs.

I recommend approval.

On motion of Mr. Clement, this appointment was approved.

**REQUEST TO APPEAR BEFORE THE BOARD**

The Secretary presented a request to be heard at the time the Board has recommendations before it on the subject of Equal Opportunity in University Construction Projects. The request was from Mr. Guy J. Hensler, Business Manager, International Brotherhood of Electrical Workers, Local Union No. 601.

On motion of Mr. Swain, the Board approved the request and granted Mr. Hensler a hearing by the General Policy Committee when a recommendation on this subject is before the Committee.

**SECRETARY'S REPORT**

The Secretary presented for record the following lists: appointments to the faculty made by the President; declinations and resignations; declinations of Summer Session contracts; leaves of absence; cancellations of leave of absence; retirements. A copy of the report is filed with the Secretary.

**ANNOUNCEMENTS FROM THE PRESIDENT OF THE BOARD**

Mr. Hughes reminded the Trustees of the dates of the next four meetings: April 15, at the Medical Center campus; May 20, at the Chicago Circle campus; June 17, at the Urbana-Champaign campus; and either July 15 or July 22, at the Urbana-Champaign campus.

Mr. Hughes announced that arrangements had been made for a presentation by a spokesman for the Undergraduate Student Association and the Graduate Student Association on the subject of student unrest, campus disorder, and related matters—the presentation to be heard during the afternoon, following the meeting of the Committee on Buildings and Grounds.

**RECESS AND EXECUTIVE SESSION**

The meeting was recessed and the President of the Board stated that an executive session had been requested for the consideration of reports and recommendations relating to personnel items, property acquisition and patentable discoveries.

When the Board reconvened in executive session, the same members of the Board, officers of the Board, and officers of the University were present as recorded at the beginning of these minutes, with the exception of Mr. Page who asked to be excused.

The President of the University presented the following recommendations.

<sup>1</sup> Joseph Kastelic, Professor of Nutritional Biochemistry in Animal Science, *Chairman*; Gene S. Graham, Associate Professor of Journalism; William J. Hall, Professor of Civil Engineering; Bennett D. Hill, Associate Professor of History; and the following students: Nancy Albers, Michael Arkes, Nancy Drummond, William Francis, Laurie Herm.

**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. Use of radiodense fluorocarbon molecules as x-ray contrast material—David M. Long, Jr., Professor of Surgery, and Head of the Division of Cardiovascular and Thoracic Surgery, Medical Center, inventor. The invention consists of the use or application of radiodense fluorocarbon molecules as contrast media in x-ray techniques. Materials now used as contrast materials in medicine have many desirable properties but there are also many undesirable properties such as chemical and biological reactivity which sometimes result in complications and death. Furthermore, the dosage or amounts of these materials that may be used safely is sometimes not enough for adequate x-ray studies.

The Committee recommends that the rights of the University in this invention be assigned to the University of Illinois Foundation for study and possible patent application.

2. Selective flame signal modulator—Victor G. Mossotti, Senior Research Chemist, Materials Research Laboratory, Urbana, and Judith Ann Eakin, Assistant Research Chemist, Materials Research Laboratory, Urbana, inventors; developed under the sponsorship of the Advanced Research Projects Agency. The device referred to as the selective flame signal modulator is useful for feeding analytical solutions to a flame light source for the direct determination of metallic impurities in liquid analytical samples. In addition to supplying the analytical flame with a constant solution uptake rate, this device introduces a periodic concentration gradient into the solution fed into the flame. The periodic addition of the element of analytical interest into the flame extends the possibility for the retrieval of analytical information from system noise, flame background fluctuations, and spectrally interfering band systems generated by the flame. Thus, the practical applications of this device are twofold: first, the interpretation of the spectrogram is vastly simplified; and second, analytical sensitivities and detection limits are markedly improved.

The Committee recommends that the rights of the University in this invention be assigned to the University of Illinois Foundation for study and possible patent application, subject to the rights of the sponsoring agency.

3. Method of fixing prosthetic and other devices to bone and other living tissue—William Rostoker, Professor of Metallurgy in Materials Engineering at Chicago Circle, and Jorge Galante, Assistant Professor of Orthopaedic Surgery at the Medical Center, inventors; developed under the sponsorship of the United States Public Health Service. An invention is claimed for the use of porous aggregates produced from short length, small diameter fibers as a means for the attachment of prosthetic and other devices to live bone and tissue through the growth of the live component into the interconnecting voids of the porous aggregate. Additional advantages are claimed by this invention in providing a fixation mechanism which is not subject to cracking and rapid fracture and which is largely compliant with the surrounding live material.

The Committee recommends that the rights of the University in this invention be released to the inventors, subject to the rights of the sponsoring agency.

4. Stabilimetric telemetry cushion—Robert L. Sprague, Director of the Children's Research Center and Associate Professor of Psychology, Urbana, Stuart Yoos, Assistant Electronic Engineer at the Children's Research Center, and Estil Carter, Electronic Engineering Assistant at the Coordinated Science Laboratory, Urbana, inventors; developed under the sponsorship of the United States Public Health Service. Interest in the activity level of children, particularly children in a school situation, has been the concern of research for some time. We have shown that it is possible to control the activity level of institutionalized mentally retarded children by using appropriate behavior modification procedures and a stabilimetric cushion. The reason for developing the stabilimetric telemetry cushion was to permit research on activity level of school children in a classroom situation without the necessity of stringing wires from the cushions to the control equipment.

The Committee recommends that the rights of the University in this invention be released to the inventors, subject to the rights of the sponsoring agency.



5. Supplemental tannins in ruminant diets — E. E. Hatfield, Professor of Animal Science, Urbana, U. S. Garrigus, Professor of Animal Science, Urbana, and Arno Driedger, Research Assistant in Animal Science, Urbana, inventors. Use of supplemental tannins in ruminant diets at levels to react chemically with protein, amino acids, and other compounds having amine groups for the purpose of reducing the rate and/or amount of rumen diamination. Mixing part of the dietary components of the diets with tannins and applying heat/or pressure (example: pelleting the mixture) to localize the chemical binding action of tannins with specific dietary components. The treated mixture is subsequently added to the entire diet.

The Committee recommends that the rights of the University in this invention be released to the inventors.

6. Method of encapsulating liquids or other materials — C. D. Hendricks, Professor of Electrical Engineering and of Nuclear Engineering, Urbana, inventor; developed under the sponsorship of the United States Public Health Service. To encapsulate one material inside another, it is necessary to place a layer of the encapsulant around the encapsulated material. In this invention, this is done by using two or more coaxial capillaries of suitable material (glass, metal, ceramic, etc.). For a two-phase system (one inside material and one coating layer), two capillaries are used. The material to be encapsulated is introduced through the inner capillary and the encapsulant through the outer capillary surrounding the inner. The outer material forms a sheath or layer around the inner material. By suitably disturbing the composite column of materials, drops may be produced in which the encapsulant forms a closed layer around a portion of the encapsulated material. The drops may then be treated (chemically, by heat, by evaporation, or by freezing) to form a membrane of encapsulant covering the encapsulated material.

The Committee recommends that the rights of the University in this invention be released to the inventor, subjects to the rights of the sponsoring agency.

7. Tooth profile shapes of cylindrical gears — Alan Otto Lebeck, formerly Assistant in Mechanical Engineering, Urbana, and Eugene I. Radzimovsky, Professor of Mechanical Engineering, Urbana, inventors; developed under the sponsorship of the National Science Foundation Engineering Traineeship. The novelty of this optimum gear design method is that the profile shape is determined by the requirement of reducing the value of the ratio of the surface pressure to load to the smallest possible value by the method of mathematical synthesis, thus enabling gears designed by this method to have the largest possible load capacity of any tooth profile used for cylindrical gearing, including the standard involute. This claim of increased capacity is based upon the condition that the critical design factor for a pair of gears is the ratio of the surface pressure to load.

The Committee recommends that the rights of the University in this invention be released to the inventors, subject to the rights of the sponsoring agency.

8. Low mass, low response time temperature measuring device — C. M. Wayman, Professor of Metallurgical Engineering, Urbana, and David Thornburg, Research Assistant in Metallurgy, Urbana, inventors; developed under the sponsorship of the Atomic Energy Commission. The thermocouple has been a common laboratory thermometer for many years. Our device is believed to be unique in that it displays the features of ordinary wire thermocouples, as well as the additional features of: (a) extremely fast response time, (b) negligible thermal mass, (c) high stability of calibration with time, (d) low cost of fabrication, and (e) ability to be utilized with commonly available laboratory equipment.

The Committee recommends that the rights of the University in this invention be released to the inventors, subject to the rights of the sponsoring agency.

9. Universal logic modules for the realization of arbitrary switching functions — Franco P. Preparata, Associate Professor of Electrical Engineering and Research Associate Professor in the Coordinated Science Laboratory, Urbana, and David E. Muller, Professor of Mathematics, Urbana, inventors; developed under the sponsorship of the National Science Foundation. A Boolean function  $U(z_1, z_2, \dots, z_m)$  is universal for given  $n \geq 1$  if it realizes all Boolean functions  $f(x_1, \dots, x_n)$  by substituting for each  $z_i$  a variable of the set  $\{0, 1, x_1, \dots, x_n, x_1, \dots, x_n\}$ . The physical module realizing  $U(z_1, \dots, z_m)$  is called a Universal Logic Module ULM, which may be particularly suited for standardizing production of integrated production of integrated combinational circuits. In integrated circuit

technology special attention is given to the reduction of the number m of module terminals. This is assumed as criterion of simplicity.

The rights of the invention lie with the National Science Foundation; and because commercial possibilities for this device appear slight, the Committee recommends that a request for waiver of such rights not be filed.

On motion of Mr. Jones, these recommendations were approved.

#### ACQUISITION OF LAND IN DE KALB COUNTY

(32) The University acquired farm land in DeKalb County in 1943 in settlement of the estates of Dr. Harry G. Wright and his widow, Harriette A. Wright.

One of the farms, commonly known as Wright Farm No. 6, contains 200 acres and is operated on a livestock lease. There are a large number of buildings on this farm, and it could be more efficiently operated as a larger unit.

The University has been offered 120 acres of land immediately north of Wright Farm No. 6 at a price of \$730 an acre. In the opinion of Professor Donald G. Smith, an accredited rural appraiser, this price is reasonable in view of comparable sales in the area.

The Dean of the College of Agriculture and the Vice President and Comptroller recommend that the University of Illinois Foundation be requested to purchase the land by borrowing funds in the amount of \$80,000, to be repaid over a period of ten years from the income of the land to be acquired plus the existing Wright Farm, with the remainder of the purchase price (\$7,600), plus expenses incurred in connection with the acquisition of the property, to be paid to the Foundation by the University from undistributed earnings of the Wright Farms. Upon retirement of the indebtedness of the Foundation, the Foundation will transfer the property to the University and the income from the farms will be used to supplement the Harry G. and Harriette A. Wright endowment.

I concur and recommend that the Comptroller and Secretary of the Board execute all documents necessary in connection with the acquisition and lease of the property from the Foundation.

This recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Steger, Mr. Swain; no, none; absent, Governor Ogilvie, Mr. Page, Mr. Stone.

On motion of Mr. Swain, the Board adjourned.

EARL W. PORTER

*Secretary*

EARL M. HUGHES

*President*

#### MEETING OF COMMITTEE OF THE WHOLE

A meeting of the Board of Trustees as a Committee of the Whole was held beginning at 2:30 p.m. The same members and officers of the Board and officers of the University as recorded in the minutes of the regular meeting of the Board were present except Mr. Page and Mr. Steger.

The committee met for the purpose of hearing a presentation from the Graduate Student Association and Undergraduate Student Association from Urbana. A statement from the Executive Committee of the Graduate Student Association and Undergraduate Student Association had been sent to the Trustees in advance. Present for the group were: John L. Ronsvalle, Mike Brady, Jackie Flenner, Mike Real, Jay Tummelson, Barbara Halpern, Ed Pinto.

Mr. Real was asked to speak for the group and following general

remarks and discussion on the document submitted earlier, presented the following proposals to the Trustees:

1. A series of discussions between the Board of Trustees, perhaps in groups of three or four, and campus student leaders, as well as other interested parties, about the causes of campus unrest and disorders.
2. A broadly based committee, specifically including students, commissioned by the Board of Trustees to analyze governance and authority in the University structure and to make recommendations concerning changes in such decision-making processes.
3. Greatly increased informal exposure of the Board of Trustees to student life on campus in order that they might more accurately understand the environment over which they exercise control.

Following general discussion, on motion of Mr. Swain the Committee referred the proposals to the Committee on General Policy.

On motion of Mr. Grimes, the Committee of the Whole adjourned.

**MEETING OF THE BOARD OF TRUSTEES**  
**OF THE**  
**UNIVERSITY OF ILLINOIS**

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**April 15, 1970**



The April 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, April 15, 1970, beginning at 9:40 a.m.

President Earl M. Hughes called the meeting to order and asked the Secretary to call the roll. The following members of the Board were present: Mr. Howard W. Clement, Mr. Donald R. Grimes, Mr. Ralph C. Hahn, Mr. Earl M. Hughes, Mr. Theodore A. Jones, Mr. W. Clement Stone, Mr. Timothy W. Swain. Governor Richard B. Ogilvie, Mr. Ray Page, and Mr. Russell W. Steger were absent.

Also present were President David D. Henry; Chancellor Joseph S. Begando, University of Illinois at the Medical Center; Chancellor J. W. Peltason, University of Illinois at Urbana-Champaign; Chancellor Norman A. Parker, University of Illinois at Chicago Circle; Dr. Eldon Johnson, Vice President of the University; Mr. C. S. Havens, University Director of Physical Plant Planning and Construction; Mr. C. E. Flynn, Assistant to the President and University Director of Public Information; Mr. James J. Costello, University Counsel; and the officers of the Board, Mr. H. O. Farber, Comptroller; Mr. R. R. Manchester, Treasurer; and Dr. Earl W. Porter, Secretary.

**BUSINESS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY**  
The Board considered the following reports and recommendations from the President of the University.

#### **PRESIDENT'S REPORT**

Copies of the President's report on selected topics of current interest were distributed at the meeting, and a copy was filed with the Secretary of the Board.

#### **REPORT, BUDGET SITUATION**

(1) President Henry reported in some detail on the current status of budget requests and presented the following statement:

I join my fellow presidents in the Joint Council on Higher Education in endorsing the recommendations made to the Board of Higher Education by Director James B. Holderman with reference to the Governor's budget proposals for higher education for Fiscal 1971.

The precise effects of the Governor's budget recommendations upon the operations of the University of Illinois will be fully analyzed for later presentation. We shall welcome the opportunity to present our findings to the Board of Higher Education, the Governor, and the General Assembly.

All of us in positions of public responsibility appreciate the difficulties inherent in allocating scarce resources equitably and effectively. The Governor's budget message clearly conveys the fiscal problems with which he must deal. It was in recognition of those problems that the guidelines established in January by the Governor for the budget proposals and implemented by the Board of Higher Education on February 3 were accepted as a short-term necessity, even though growth in enrollment capability in our institutions would be reduced and most new programs would be eliminated. A "hold the line" approach was not a happy prospect but we felt that under the guidelines the Governor thought necessary, our obligations could be carried out without impairment of quality and present commitments. That reduction was in the amount of \$34 million from the University's original request for operations, from approximately \$223½ million to \$189 million plus.

The further reduction, now proposed, includes \$6.6 million in salary increases based on a 2¼ per cent salary increase for all employees instead of the 7.1 per cent approved by the Board of Higher Education for academic staff and the 8.1 per cent approved for nonacademic staff. This reduction plus the elimination of approximately a million and a quarter dollars for price increases is cause for alarm that quality and effectiveness of the University of Illinois will be seriously affected.

The academic salaries at the University are now below the average for those in comparable institutions. Under the new proposal, nonacademic employees would be treated differently from many comparable state employees who will receive higher pay increases because of automatic "built-in" gains in their salary structure. Administration of prevailing rates for comparable work will be virtually impossible. A salary gain in the neighborhood of 2¼ per cent for a year when the cost of living is estimated to increase at least 5½ per cent is a blow, not only at retention and recruitment of staff but at the morale of the entire group. Even the 2¼ per cent will not be generally available if present negotiated rate agreements are honored and the statutory "prevailing rate" requirement is observed. Further, in an already retrenched budget, based upon out-of-date cost data, price increases simply can not be met by further "economies" without damage to programs. I illustrate—the Division of Services for Crippled Children will have hospital charges and cost of appliances estimated to increase 9.9 per cent above 1970 levels. University hospital costs continue to rise at rates above the average for prices generally. I could give many other examples.

On the question of tuition increases, the decision as to what percentage of the cost of instruction should be borne by the student is a policy decision. Whether the level should be 20 per cent as recommended by the Board of Higher Education or 25 per cent as recommended by the Governor, or 50 per cent as recommended by some observers is a decision that must be made by all who have responsibility in the budget process. From the administrative point of view, however, it is fair

to say that an increase of 70 per cent for residents and 50 per cent for nonresidents in a single year, and with short notice, is excessive. Great hardship will be imposed on large numbers of people, particularly for those in the middle and low middle income groups who are not eligible for grants and scholarships.

In considering student economics, one must also keep in mind the increases in fee charges, as well as tuition and the other increases in costs to students such as room and board, travel, and living expenses.

The Governor's budget reduces the tax support of the University by \$17½ million below that recommended by the Board of Higher Education in its "hold the line" review of capital and operating budgets. The resulting budget is \$4.6 million less than the General Assembly appropriated from tax funds for the present year. We are given pause in the situation by the fact that not since 1933 to 1935 have new general revenue appropriations for the University of Illinois been lower than those for the preceding budget period. This fact has an ominous overtone for the future.

I sincerely hope that the Board of Higher Education budget action of February 3, and the subsequent action on a supplemental budget, will be sustained when the full significance of the further retrenchment now proposed is understood.

Mr. Clement, noting that a meeting had been scheduled with representatives of the Universities and the Governor, suggested that the Board take action to define its position officially. (Mr. Clement had been asked to represent the Board at the meeting.)

Mr. Clement moved that the Board reaffirm its position of concurring with the recommendations of the Board of Higher Education in all aspects of the budget requests for FY 1971. The motion was approved.

#### AWARD OF CERTIFIED PUBLIC ACCOUNTANT CERTIFICATES

(2) 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>
JOHN CHARLES OSTDIK	Streamwood, Illinois	Minnesota
NORMAN STANFORD SIEGEL	Glencoe, Illinois	Virginia
RONALD ALAN WIGNALL	Gary, Indiana	Indiana

I concur.

On motion of Mr. Jones, these certificates were awarded.

#### CERTIFIED PUBLIC ACCOUNTANT CERTIFICATE REVOCATION

(3) At its meeting September 16, 1964, the Board of Trustees, upon recommendation of the Committee on Accountancy, awarded an Illinois C.P.A. certificate to Stanley Broskie under the reciprocity provisions of the Illinois Public Accounting Act upon evidence that he was the holder of a valid certificate issued by the state of New Jersey.

The Committee on Accountancy has been advised by authorities of the state of New Jersey that the New Jersey C.P.A. certificate awarded to Stanley Broskie has been revoked, effective January 20, 1970.

The reciprocity section of the Illinois Public Accounting Act provides as follows: "Any certificate issued under the provisions of this section shall be automatically revoked if the original certificate issued by the other state . . . is subsequently revoked."

The Committee on Accountancy, therefore, recommends that the Illinois C.P.A. Certificate No. 9493 awarded to Stanley Broskie be revoked.

I concur.

On motion of Mr. Jones, this recommendation was approved.

**HEADSHIP OF THE DEPARTMENT OF ANTHROPOLOGY, URBANA**

(4) The Dean of the College of Liberal Arts and Sciences has recommended to the Chancellor at Urbana-Champaign the appointment of Dr. David W. Plath, presently Professor of Anthropology and in Asian Studies, as Head of the Department of Anthropology beginning September 1, 1970, on an academic year service basis, at an annual salary of \$23,500.

Professor Plath will continue to hold the rank of Professor of Anthropology and in Asian Studies on indefinite tenure.

He will succeed Professor Edward M. Bruner who has asked to be relieved of this administrative appointment effective September 1, 1970.

The nomination of Dr. Plath is made with the advice of a search committee<sup>1</sup> and after consultation with members of the Department with the rank of assistant professor and above. The nomination is supported by the Executive Committee of the College and the Dean of the Graduate College. The Chancellor at Urbana-Champaign approves the recommendation. The Executive Vice President and Provost concurs.

I recommend approval.

On motion of Mr. Grimes, this appointment was approved.

**HEADSHIP OF THE DEPARTMENT OF COMPUTER SCIENCE, URBANA**

(5) The Dean of the Graduate College has recommended to the Chancellor at Urbana-Champaign the appointment of Dr. James N. Snyder, presently Professor of Computer Science and of Physics and Associate Head of the Department of Computer Science as Head of the Department of Computer Science, beginning April 16, 1970, on an academic year service basis, at an annual salary of \$28,000.

Dr. Snyder will continue to hold the rank of Professor of Computer Science and Physics on indefinite tenure. He will succeed Dr. John R. Pasta who has resigned from the University as of March 31, 1970.

The nomination of Dr. Snyder is made with the advice of a search committee<sup>2</sup> and after consultation with members of the Department with the rank of assistant professor and above. The Chancellor at Urbana-Champaign approves the recommendation. The Executive Vice President and Provost concurs.

I concur.

On motion of Mr. Swain, this appointment was approved.

**CHAIRMANSHIP OF THE DEPARTMENT OF PHILOSOPHY, URBANA**

(6) The Dean of the College of Liberal Arts and Sciences has recommended to the Chancellor at Urbana-Champaign the appointment of James D. Wallace, presently Associate Professor of Philosophy and Vice Chairman of the Department of Philosophy, as Professor of Philosophy, on indefinite tenure, and Chairman of the Department beginning September 1, 1970, on an academic year service basis, at an annual salary of \$16,500.

Dr. Wallace will succeed Dr. David S. Shwayder who has asked to be relieved of this administrative appointment effective September 1, 1970.

The nomination is submitted after consultation with members of the Department and is supported by the Executive Committee of the College of Liberal Arts and Sciences and the Dean of the Graduate College. The Chancellor at Urbana-Champaign approves the recommendation. The Executive Vice President and Provost concurs.

I recommend approval.

On motion of Mr. Clement, this appointment was approved.

<sup>1</sup> Bernard Karsh, Professor of Sociology and of Labor and Industrial Relations, *Chairman*; Harold A. Gould, Associate Professor of Anthropology; Jerry Hirsch, Professor of Psychology and of Zoology; Donald W. Lathrap, Professor of Anthropology; Oscar Lewis, Professor of Anthropology and in the Center for Advanced Study; H. M. Ross, Assistant Professor of Anthropology; Joseph A. Russell, Professor of Geography.

<sup>2</sup> Franz E. Hohn, Research Professor in Coordinated Science Laboratory and Professor of Mathematics, *Chairman*; Michael Faiman, Assistant Professor of Computer Science; Donald B. Gillies, Professor of Applied Mathematics and of Computer Science; David J. Kuck, Associate Professor of Computer Science; Bruce H. McCormick, Professor of Physics and of Computer Science; Nathan M. Newmark, Professor of Civil Engineering and Head of the Department; Jurg Nievergelt, Associate Professor of Computer Science and of Mathematics; Robert S. Northcote, Research Assistant Professor of Computer Science; Wolfgang J. Poppelbaum, Professor of Computer Science and of Electrical Engineering; James E. Robertson, Professor of Computer Science and of Electrical Engineering.

### HEADSHIP OF THE DEPARTMENT OF RADIO AND TELEVISION, URBANA

(7) The Dean of the College of Communications has recommended to the Chancellor at Urbana-Champaign the appointment of Dr. Patrick Welch, presently Professor of Communications and Chairman of the Department of Communications at the University of Houston, as Professor of Radio and Television on indefinite tenure and Head of the Department of Radio and Television, beginning September 1, 1970, on an academic year service basis, at an annual salary of \$19,500.

Dr. Welch will succeed Professor Hubert V. Cordier who resigned August 31, 1968. Professor F. E. Schooley has been Acting Head.

The nomination of Dr. Welch is made with the advice of a search committee<sup>1</sup> and after consultation with members of the Department with the rank of assistant professor and above. The nomination is supported by the Executive Committee of the College and the Dean of the Graduate College. The Chancellor at Urbana-Champaign approves the recommendation. The Executive Vice President and Provost concurs.

I recommend approval.

On motion of Mr. Swain, this appointment was approved.

### HEADSHIP OF THE DEPARTMENT OF PHARMACOGNOSY AND PHARMACOLOGY, MEDICAL CENTER

(8) The Dean of the College of Pharmacy has recommended to the Chancellor at the Medical Center campus the appointment of Dr. Norman R. Farnsworth, presently Professor of Pharmacognosy and Chairman of the Department at the School of Pharmacy of the University of Pittsburgh, as Professor of Pharmacognosy on indefinite tenure and head of the Department of Pharmacognosy and Pharmacology, beginning September 1, 1970, on a twelve-month service basis, at an annual salary of \$25,000.

This appointment is to succeed Dr. Ralph F. Voigt, who will retire effective August 31, 1970.

The nomination of Dr. Farnsworth is made with the advice of a search committee<sup>2</sup> and after consultation with all members of the faculty of the Department of Pharmacognosy and Pharmacology of the rank of assistant professor and above. The Chancellor and the Dean of the Graduate College at the Medical Center approve the recommendation. The Executive Vice President and Provost concurs.

I recommend approval.

On motion of Mr. Swain, this appointment was approved.

### APPOINTMENTS TO THE FACULTY

(9) The following new appointments to the faculty of the rank of Assistant Professor and above, and involving tenure, have been approved since the previous meeting of the Board of Trustees.

Positions in the University are classified in the following categories and are designated in the budget by the symbols indicated: A— indefinite tenure; P— indefinite term appointment for part-time service only; B— two years; D— one year; E— nine months from the beginning of the academic year; F— one-year appointment ending other than August 31; G— special tenure; Q— initial term appointment for a Professor or Associate Professor; T— terminal appointment, accompanied with or preceded by notice of non-reappointment; W— one-year appointment subject to special written agreement; Y— twelve months' service required instead of two semesters; X— percentages opposite X are for the academic year; full-time summer service is indicated by "S"; 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.

<sup>1</sup> Jay W. Jensen, Professor of Journalism and Head of the Department, *Chairman*; John E. Cramer, Assistant Professor of Radio and Television and News Supervisor of the Radio Station; Henry W. Lippold, Jr., Assistant Professor of Radio and Television and Supervisor of Television News.

<sup>2</sup> Martin I. Blake, Professor of Pharmacy and Head of the Department, *Chairman*; Conrad A. Blomquist, Assistant Dean, College of Pharmacy; Frank A. Crane, Professor of Pharmacognosy; Ernst R. Kirch, Professor of Chemistry; Arthur E. W. Smith, Professor of Pharmacology.



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. SHEPLEY S. C. CHEN, Assistant Professor of Biological Sciences, for the second semester 1969-70 (1), at an annual salary of \$10,500.
2. MARTIN C. TANGORA, Assistant Professor of Mathematics, beginning September 1, 1970 (2), at an annual salary of \$11,500.

#### Medical Center

3. JOEL L. CRACRAFT, Assistant Professor of Anatomy, College of Medicine, beginning September 1, 1970 (1Y), at an annual salary of \$12,700.
4. HARVEY D. STRASSMAN, Associate Professor of Psychiatry, College of Medicine, on 30 per cent time, beginning March 1, 1970 (PY30), at an annual salary of \$7,000.

#### Urbana-Champaign

5. DONALD BRIELAND, Professor of Social Work, Jane Addams Graduate School of Social Work, beginning September 1, 1970 (AY), at an annual salary of \$28,500.
6. DENNIS F. CUDIA, Assistant Professor of Computer Science, Graduate College, beginning September 1, 1970 (1), at an annual salary of \$12,000.
7. STANLEY E. CURTIS, Assistant Professor of Animal Science, beginning July 1, 1970 (1Y), at an annual salary of \$14,500.
8. ELROY E. GOLDEN, Associate Professor and Assistant State Leader of Farm Advisers, Cooperative Extension Service, beginning March 1, 1970 (AY), at an annual salary of \$21,000.
9. RONALD W. HEDLUND, Associate Professor of Music, beginning September 1, 1970 (Q), at an annual salary of \$15,000.
10. WILLIAM JAMES A. MARSHALL, Research Assistant Professor of Special Education and in the Institute for Research on Exceptional Children, for the period from February 1, 1970, through August 31, 1970 (WY), at a salary of \$8,167.
11. FREDERICK A. RODGERS, Associate Professor of Elementary Education, beginning September 1, 1970 (Q), at an annual salary of \$18,000.
12. SPENCER C. SORENSON, Assistant Professor of Mechanical Engineering, beginning February 1, 1970 (1), at an annual salary of \$11,500.
13. JAMES F. YOUNG, Assistant Professor of Civil Engineering, beginning March 1, 1970 (1Y), at an annual salary of \$14,400.

#### Visiting Staff

14. JACQUES BERQUE, George A. Miller Visiting Professor, Center for Asian Studies, Urbana, for the first semester 1970-71 (E), at a salary of \$15,000.
15. DONALD A. DAVIS, Visiting Professor of Educational Psychology, Urbana, for the second semester 1969-70 (E), at a salary of \$9,000.
16. ROBERT P. HOLMES, Visiting Assistant Professor of Architecture, Urbana, for the second semester 1969-70 (E), at a salary of \$6,000.
17. CHARLES R. KELLEY, George A. Miller Visiting Professor in the Institute of Aviation and in Psychology, Urbana, for three months from March 16, 1970 (G), at a salary of \$7,000.
18. DAVID S. KUYPERS, Visiting Assistant Professor of Psychology, Chicago Circle, for the winter quarter 1969-70 (G), at a salary of \$1,700.
19. JOHN DANIEL LE VAN, JR., Visiting Assistant Professor of Slavic Languages and Literatures, Chicago Circle, for the 1970 summer quarter (S), at a salary of \$2,490.
20. ROGER LEE REYNOLDS, George A. Miller Visiting Professor of Music, Urbana, for the period from March 1, 1971, through May 31, 1971 (G), at a salary of \$9,500.
21. LOTHAR R. SCHMIDT, Visiting Research Assistant Professor of Psychology, Urbana, for the period from March 16, 1970, through August 31, 1970 (DY), at a salary of \$5,752.

On motion of Mr. Hahn, these appointments were confirmed.

### REGULATIONS GOVERNING THE DETERMINATION OF RESIDENCY STATUS

(10) Certain revisions of the "Regulations Governing Assessment of Resident or Nonresident Student Fees," as approved by the Board of Trustees on December 17, 1957 (minutes, pages 1009-1012) and amended on February 21, 1962 (minutes, pages 1301-1302), are recommended by the Director of the University Office of School and College Relations and the Directors of Admissions and Records on the three campuses, to be effective September 1, 1970.

The changes involve condensation, rewording, and reorganization of the current regulations, in order to simplify and clarify them—in addition to the following substantive changes:

1. Revision of the title to read: "Regulations Governing the Determination of Residency Status for Admission and Assessment of Student Tuition"—thus establishing that the regulations are used to determine residency for purposes of admission as well as for the assessment of student tuition (as currently used).
2. Change of the title "Dean of Admissions and Records" to "Director of Admissions and Records"—in conformance with current University *Statutes*.
3. Establishment of rules for adjustment of tuition assessment in the event of errors in classification.
4. Elimination of reference to self-support and parental control as criteria for establishing residency for an adult student.
5. Addition of active military service as a condition effecting the emancipation of minors.
6. Giving to emancipated minors the same residence privileges as adults.
7. Providing the same residence privileges for husband and wife and eliminating the requirement that spouses be living together to obtain residence privileges.
8. Substitution of "resident immigrant status with the U.S. Immigration and Naturalization Service" as a condition of residency in lieu of filing a Declaration of Intention to become a citizen.
9. Addition of a section concerning residency status of minor children of parents transferred outside the United States, in accordance with recently enacted state law.
10. Classification of the following as residents: staff members of the University and of allied agencies; faculties of state-supported institutions of higher education in Illinois and their spouses and dependent children (currently, these persons receive waiver of the nonresident portion of tuition).

The Executive Vice President and Provost, the Vice President and Comptroller, the University Counsel, and the three Chancellors concur in these recommendations.

I concur.

On motion of Mr. Clement, these recommendations were approved.

### CHANGE IN STUDENT NONREFUNDABLE CHARGES, URBANA

(11) The Committee on Fees<sup>1</sup> recommends an increase in the nonrefundable charge to students who withdraw from the University at Urbana-Champaign from \$38 to \$47 for each semester or twelve-week term and from \$28 to \$33 for each eight-week session. The proposed increase would assure adequate coverage for the building commitments for the Intramural-Physical Education Building and the Women's Gymnasium addition.

The Committee further recommends that the increase become effective September, 1971, to allow time for announcement in the Urbana-Champaign *Undergraduate Study* and *Graduate College* catalogs. (On July 24, 1968, the Board of Trustees approved an \$18 student service charge for use of the Intramural-Physical Education Building and the Women's Gymnasium addition projects. The \$18 increase in the service fee will be assessed beginning February, 1971, subject to substantial completion and occupation of the Intramural-Physical Education Building.)

No change in the nonrefundable charge is presently contemplated at either of

<sup>1</sup> Lyle H. Lanier, Executive Vice President and Provost, *Chairman*; Herbert O. Farber, Vice President and Comptroller; Joseph S. Begando, Chancellor at the Medical Center campus; E. Eugene Oliver, Director of the University Office of School and College Relations; Norman A. Parker, Chancellor at the Chicago Circle campus; Jack W. Peltason, Chancellor at the Urbana-Champaign campus.

the Chicago campuses. (The amount for those campuses would remain \$31 per quarter, as approved by the Board on October 16, 1968.)

I concur.

On motion of Mr. Grimes, these recommendations were approved.

#### **ESTABLISHMENT OF A SYSTEM OF QUARTER HOURS FOR GRADUATE CREDIT, MEDICAL CENTER**

(12) The Senate at the Medical Center campus has approved a recommendation from the Executive Committee and the faculty of the Graduate College that credit for Graduate College courses be measured by a quarter hour system effective September 1, 1970. The unit system is now used.

Following is a comparison of the present and the proposed systems:

	<i>Present</i>	<i>Proposed</i>
Full academic program.....	3 units	16 quarter hours
Requirement for M.S. degree.....	9 units	48 quarter hours
Requirement for Ph.D. degree.....	27 units	144 quarter hours

The quarter hour system is used by the Graduate College at the Chicago Circle campus, and the change now recommended at the Medical Center campus would provide a useful uniformity between the Graduate Colleges at the two campuses.

The Dean of the Graduate College, the Chancellor, and the Executive Vice President and Provost concur. The University Senates Conference has indicated that no other Senate jurisdiction is involved.

I recommend approval.

On motion of Mr. Swain, this recommendation was approved.

#### **REORGANIZATION OF THE DEPARTMENT OF CHEMISTRY AND CHEMICAL ENGINEERING, URBANA**

(13) The Urbana-Champaign Senate has recommended the reorganization of the Department of Chemistry and Chemical Engineering into a School of Chemical Sciences with three departments.

The size and complexity of the present department are major reasons for proposing the reorganization. Of the present seventy faculty members, forty-five are in chemistry, nine in chemical engineering, and thirteen in biochemistry. The Department presently enrolls nearly 750 undergraduate and 450 graduate students. Although expenditures for the chemistry program total slightly more than half of the present departmental budget, the programs in biochemistry and in chemical engineering are of a larger magnitude and scope than those in an appreciable number of the departments on the campus. Biochemistry is growing nationally at a faster rate than the traditional branches of chemistry. In order not to impede its growth here, a separate identity would aid the discipline in attracting first-rate staff and students. Although there are many common interests with chemistry, biochemistry and chemical engineering differ substantially in concerns, objectives, and philosophies.

At the same time, there are many advantages to the retention of a close association of the three disciplines. Interdisciplinary activities and combined operations lead to greater flexibility and efficiency in many aspects of the programs.

The proposal contemplates the reorganization of the Department of Chemistry and Chemical Engineering within the College of Liberal Arts and Sciences as the School of Chemical Sciences. The present divisions of Biochemistry, Chemical Engineering, and Chemistry would be made departments in the School, each department initially organized with a head. The School would be administered by a director, appointed as provided in the *Statutes*, and an executive committee.

The proposed organization will parallel the organization of most major American universities in this field.

The Dean of the College of Liberal Arts and Sciences, the Chancellor at the Urbana-Champaign campus, and the Executive Vice President and Provost concur in the recommendation. The University Senates Conference has indicated that no other Senate jurisdiction is involved.

I recommend approval, subject to further action by the Illinois Board of Higher Education.

On motion of Mr. Swain, this recommendation was approved.

### MERGER OF THE DEPARTMENT OF URBAN PLANNING AND BUREAU OF COMMUNITY PLANNING

(14) In order to strengthen the capability of the University to respond to current urban and regional development problems, the joint faculties of the Department of Urban Planning and the Bureau of Community Planning have proposed that the two units be combined. They share common interests and responsibilities in a distinct professional field and have conducted highly similar or related activities in teaching and research for some time.

It is proposed that the name of the new combined unit shall be the "Department of Urban and Regional Planning." (The Bureau of Community Planning would now be designated the "Bureau of Urban and Regional Planning Research" and would be administered within the new department.)

The resources and personnel of the two units will be pooled, and the functions and assignments of each carried forward in a way designed to maximize the benefits derived from coordinating these functions.

It is proposed that the department arising from this merger be organized with a chairman. The Bureau would be continued as an organized unit under a director within the Department.

The Chancellor of the Urbana-Champaign campus and the Executive Vice President and Provost recommend approval of the reorganization as proposed, effective September 1, 1970.

I concur.

On motion of Mr. Grimes, this recommendation was approved.

### TRANSFER AND CHANGE OF NAME, ERGONOMICS LABORATORY, URBANA

(15) The Urbana-Champaign Senate has approved a recommendation from the Executive Committee of the Ergonomics Laboratory that the Laboratory, now a special unit of the Graduate College, be transferred to the Department of Mechanical and Industrial Engineering in the College of Engineering. It is further recommended that the name of the unit be changed to Laboratory for Ergonomics Research coincidental with the transfer.

Increasing involvement of the facilities and the director in teaching functions makes affiliation with a department desirable for orderly growth and operation of the Laboratory. Service functions of the Laboratory to other departments and units will be maintained and encouraged. The transfer has been approved by all units concerned, including the Graduate College.

The Chancellor at the Urbana-Champaign campus and the Executive Vice President and Provost concur in this proposal.

The University Senates Conference has indicated that no further Senate jurisdiction is involved.

I recommend approval.

On motion of Mr. Hahn, these recommendations were approved.

### APPROPRIATIONS FOR NONRECURRING EXPENDITURES

#### Chicago Circle

(16) The Chancellor, on behalf of the Chicago Circle Committee on Nonrecurring Appropriations, recommends the following appropriation from the:

#### *Chicago Circle General Reserve*

School of Physical Education and Athletics, equipment..... \$35 000

#### Urbana-Champaign

The Chancellor, on behalf of the Urbana-Champaign Committee on Nonrecurring Appropriations, recommends the following appropriations from the:

#### *Urbana-Champaign General Reserve*

Health Service, fluoroscopic x-ray equipment..... \$43 270  
Renovation and remodeling for which funds are assigned to the Department of Plant and Services:

Partial cost for remodeling of the Meats Commissary in Davenport Hall  
and the Slaughter House in the Stock Pavilion..... 32 500

*Total, Urbana-Champaign General Reserve..... \$75 770*

*Urbana-Champaign Contract Research Reserve-General*

## College of Liberal Arts and Sciences:

Department of Physiology, equipment..... \$11 800  
 Renovation and remodeling for which funds are assigned to the Department of Plant and Services:

Remodeling in Burrill Hall for the Department of Physiology..... 38 200  
 Remodeling in the Computer-Based Education Research Laboratory for the Graduate College..... 15 000

*Total, Urbana-Champaign Contract Research Reserve — General.... \$65 000*

The Executive Vice President and Provost and the Vice President and Controller concur.

I recommend approval.

On motion of Mr. Swain, these appropriations were made by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Stone, Mr. Swain; no, none; absent, Governor Ogilvie, Mr. Page, Mr. Steger.

**REQUEST TO ILLINOIS BUILDING AUTHORITY TO INCREASE  
 CONTRACT FOR CONSTRUCTION OF EDUCATION AND  
 COMMUNICATIONS BUILDING, CHICAGO CIRCLE**

(17) On January 15, 1969, the Board of Trustees requested the Illinois Building Authority to contract for construction of the Education and Communications Building at the Chicago Circle campus. Subsequently, the Authority awarded a contract to E. H. Marhoefer, Jr. Co., Franklin Park, the low base bidder.

During the excavation for the project, subsurface concrete foundations, slabs, and footings were discovered which necessitated additional work on the part of the contractor. The contract provides that additional work of this nature may be authorized by the Authority on a unit cost basis.

The work has now been completed and the additional cost to the contractor has been firmed up at \$37,228. Accordingly, the President of the University, with the concurrence of appropriate administrative officers, recommends that the Illinois Building Authority be requested to increase the contract with E. H. Marhoefer, Jr. Co., in this amount for this additional work.

Funds are available in the project budget for this work.

On motion of Mr. Swain, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Stone, Mr. Swain; no, none; absent, Governor Ogilvie, Mr. Page, Mr. Steger.

**INCREASE IN ARCHITECTURAL CONTRACT FOR MEDICAL RESEARCH  
 LABORATORY ADDITION, MEDICAL CENTER**

(18) The President of the University, with the concurrence of appropriate administrative officers, recommends increasing the contract with Skidmore, Owings & Merrill, Chicago, in the amount of \$13,854.69, for soil test borings and concrete testing, coring, and caisson inspection on the Medical Research Laboratory Addition at the Medical Center campus.

Funds are available in state capital appropriations to the University and have been released by the Governor.

On motion of Mr. Clement, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Stone, Mr. Swain; no, none; absent, Governor Ogilvie, Mr. Page, Mr. Steger.

**CONTRACTS FOR REMODELING IN ILLINOIS NEUROPSYCHIATRIC  
 INSTITUTE, MEDICAL CENTER**

(19) The President of the University, with the concurrence of appropriate administrative officers, recommends the award of the following contracts for re-

modeling in the Illinois Neuropsychiatric Institute at the Medical Center campus for the Department of Psychiatry, the award for general and electrical work being on the low base bid plus acceptance of deductive alternates No. 3 and No. 6; and the award for plumbing, heating and process piping, and ventilation work, and for laboratory equipment being on the low base bids plus acceptance of deductive alternate No. 6:

	<i>Base Bid</i>	<i>Deductive Alternate No. 3</i>	<i>Deductive Alternate No. 6</i>	<i>Total</i>
General—Mutual Contracting Company, Chicago.....	\$38 626 00	\$2 407 00	\$ 78 00	\$36 141 00
Plumbing—Peter H. Smith Company, Chicago.....	6 700 00	...	1 340 00	5 360 00
Heating and Process Piping—Peter H. Smith Company, Chicago.....	3 740 00	...	1 320 00	2 420 00
Ventilation—Narowetz Heating and Ventilating Company, Chicago.....	1 267 00	...	773 00	494 00
Electrical—Sam Schaeffer Co. through its Division Schaeffer Electric Co., Chicago	26 902 00	9 567 00	395 00	16 940 00
Laboratory Equipment—Kewaunee Scientific Equipment Corporation, Evanston.....	6 686 50	...	3 897 50	2 789 00
<i>Total</i> .....				<u>\$64 144 00</u>

It is further recommended that all contracts other than the contract for the general work be assigned to the contractor for the general work, making the total of its contract \$64,144, and that an agreement be entered into with the Mutual Contracting Company for assignment of the other contracts. The amount bid by Mutual Contracting Company for the supervision of the other contracts assigned to it as general contractor is included in the bid for general work.

Funds for this work are available in state capital appropriations to the University and have been released by the Governor.

Submitted herewith is a report from the Physical Plant Planning and Construction Office, 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. Swain, these contracts were awarded by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Stone, Mr. Swain; no, none; absent, Governor Ogilvie, Mr. Page, Mr. Steger.

#### CONTRACT FOR ROOF REPAIRS TO MECHANICAL ENGINEERING LABORATORY, URBANA

(20) The President of the University, with the concurrence of appropriate administrative officers, recommends award of a contract in the amount of \$32,762 to Lloyd Hitchins, an individual doing business as Hitchins Roofing Company, Urbana, the low base bidder for roof, gutter, and downspout repairs to a portion of the Mechanical Engineering Laboratory at the Urbana campus.

Funds are available in the current operating budget of the Department of Plant and Services, Urbana.

On motion of Mr. Grimes, this contract was awarded by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Stone, Mr. Swain; no, none; absent, Governor Ogilvie, Mr. Page, Mr. Steger.

**CONTRACT FOR EXTENSION OF SANITARY SEWER FOR  
CENTRAL RECEIVING WAREHOUSE, URBANA**

(21) The President of the University, with the concurrence of appropriate administrative officers, recommends award of a contract in the amount of \$30,342 to Illini Plumbing & Heating, Inc., Champaign, the low base bidder for construction of a sanitary sewer from Florida Avenue to the new Central Receiving Warehouse, Urbana.

Funds for this work are available in state capital appropriations to the University 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. Hughes, Mr. Jones, Mr. Stone, Mr. Swain; no, none; absent, Governor Ogilvie, Mr. Page, Mr. Steger.

**MODIFICATION OF CHANGE ORDER — LEASE/ACQUISITION**

(22) On March 18, 1970, the Board authorized the acceptance of the proposal of the IBM Corporation for a change order in our existing lease agreement which would permit the University to acquire the 360/50 CPU system being removed from the Urbana-Champaign campus to the Chicago Circle campus, at a total purchase cost of \$340,798.57.

The original authorization must be modified as it did not include \$16,377.90 required as a deposit at the time the contract was to be executed and such amount should have been included in the schedule of payments which were to be made over a sixty-one-month period. Since payments will now be made over a sixty and one-half-month period, an additional adjustment is required to provide for an interest credit of \$605.90. These modifications will revise the total savings over the period from \$258,436.43 to \$242,664.43.

The revised total cost for the acquisition of this equipment will be \$356,570.57 with payments being made subject to availability of funds in accordance with the following schedule.

Deposit .....	\$ 16 377 90
Fiscal Year 1970.....	14 226 96
Fiscal Year 1971.....	77 470 07
Fiscal Year 1972.....	74 350 47
Fiscal Year 1973.....	71 230 87
Fiscal Year 1974.....	68 111 27
Fiscal Year 1975.....	34 803 03
	<hr/> \$356 570 57

The President of the University, with the concurrence of the appropriate administrative officers, recommends that the Board modify its authorization of March, 1970, and that the Comptroller and the Secretary of the Board of Trustees be authorized to accept the proposal of the IBM Corporation as modified and outlined above and to execute such contracts, change orders, and other appropriate documents as may be necessary to acquire title to the Central Processing Unit in accordance with the plan herein described.

On motion of Mr. Swain, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Stone, Mr. Swain; no, none; absent, Governor Ogilvie, Mr. Page, Mr. Steger.

**EASEMENT TO COMMONWEALTH EDISON COMPANY,  
CHICAGO CIRCLE**

(23) The President of the University, with the concurrence of appropriate administrative officers, recommends granting to the Commonwealth Edison Company a 16 feet by 60 feet easement on University-owned land immediately south of the Racine Avenue Building at the Chicago Circle campus for the right to maintain its overhead power lines, and that the following resolution be adopted.

**Resolution Authorizing Easement to Commonwealth Edison Company  
for Transmission Line to Serve Racine Avenue Building,  
Chicago Circle Campus, Chicago, Illinois**

*Be it, and it is hereby, resolved* by The Board of Trustees of the University of Illinois, a public Corporation of the State of Illinois, that the Comptroller and the Secretary of this public Corporation be, and they hereby are, authorized to execute, acknowledge and deliver, in the name and on behalf of this Corporation such instruments of conveyance, contract, or other document or documents as to them may seem necessary or desirable in order to grant to Commonwealth Edison Company, an Illinois Corporation, hereinafter referred to as "Grantee", its successors and assigns, the right and easement to construct, operate, use, maintain, repair, replace, relocate, renew and remove poles, crossarms, wires, cables, conduit and other overhead or underground equipment, or both, for the transmission and distribution of electric energy in, under, over, across and along those premises of this public Corporation in the City of Chicago bounded on the west by Racine Avenue, on the north by the Eisenhower Expressway, on the east by Morgan Street and on the south by Harrison Street, the exact route and location of said easement being identified and described in that certain grant of easement to be executed by this public Corporation and Grantee under date of April 15, 1970, relating to the easement and rights herein granted, a copy of which is on file with the Secretary of the Board; for so long as said right and easement shall be used for the said purposes, said right and easement to cease and determine upon non-use for said purposes for a period of one year, and all rights therein granted then and upon that happening to revert to this public Corporation; with provision for the relocation of said easement upon the conditions stated in the aforementioned grant of easement.

On motion of Mr. Hahn, the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Stone, Mr. Swain; no, none; absent, Governor Ogilvie, Mr. Page, Mr. Steger.

**RESEARCH CONTRACT, INSTITUTE OF AVIATION**

(24) The Office of Scientific Research, United States Air Force, has offered to support a research project to be conducted by the Institute of Aviation at the University of Illinois in the amount of approximately \$326,795 to enhance man-machine effectiveness through scientific investigation of critical human factors in airborne system design, training, and operation.

Specific tasks in such areas as radar signal detection, all-weather landings, flight control dynamics, pilot selection training and performance assessment will be assigned to graduate students who in most instances will use the research in the preparation of theses in support of advanced degrees.

The problems are not new but are substantially unexplored and can lead to important improvements in the field of aviation in addition to lending large support to the University's instructional programs.

The program will be funded in its entirety from federal sources.

The President, with the concurrence of the Executive Vice President and Provost, the Vice President and Comptroller, the Chancellor at Urbana-Champaign, and the Director of the Institute of Aviation, recommends approval of the foregoing contract, subject to further action by the Illinois Board of Higher Education.

On motion of Mr. Jones, this recommendation was approved.

**PLACING SECURITIES IN NAME OF NOMINEE**

(25) Because of the high volume of transactions in the securities markets, longer and longer delays have been encountered in transferring securities being sold by the Board of Trustees. As a result of the inability to complete timely delivery on sales approved by the Finance Committee, the University has been at a financial disadvantage.

The First National Bank of Chicago and the Continental Illinois National Bank and Trust Company of Chicago, as custodians of University securities, have



both urged that this problem be solved partially by authorizing them to place University securities held in safekeeping by those institutions in the name of the nominees of those banks or in bearer form. Each of the banks has undertaken to indemnify the University for any loss occasioned by reason of the acts of any nominee in whose name the University's securities are registered by them.

To accomplish the desired flexibility in completing sales, the Vice President and Comptroller recommends that the following resolutions be adopted:

#### **Resolution**

The Board of Trustees of the University of Illinois hereby authorizes the First National Bank of Chicago to hold any and all property of The Board of Trustees of the University of Illinois in the name of The Board of Trustees of the University of Illinois or in the name of a nominee or in bearer form.

#### **Resolution**

The Board of Trustees of the University of Illinois hereby authorizes the Continental Illinois National Bank and Trust Company of Chicago to hold any and all property of The Board of Trustees of the University of Illinois, G. A. Miller Endowment Fund, in the name of The Board of Trustees of the University of Illinois or in the name of a nominee or in bearer form.

I concur.

On motion of Mr. Grimes, the foregoing resolutions were adopted.

#### **REGULATIONS GOVERNING PROCUREMENT AND BIDDING AT THE UNIVERSITY OF ILLINOIS**

(26) The Illinois Purchasing Act, as amended by the Seventy-sixth General Assembly, requires each state agency annually to update and file rules and regulations governing its procurement practices and procedures and requires that such rules and regulations shall be filed and become effective in accordance with an act entitled "An Act Concerning Administrative Rules."

The "Regulations Governing Procurement and Bidding at the University of Illinois," as originally approved by the Board of Trustees on April 17, 1958, pursuant to the Illinois Purchasing Act have, with only minor modifications, been in effect since June 1, 1958.

The Business Office and the University Counsel's Office, in collaboration with other administrative departments of the University, have revised and updated these regulations.

The President of the University, with the concurrence of appropriate administrative officers, recommends that the Board approve and adopt the revised "Regulations Governing Procurement and Bidding at the University of Illinois" and authorize the Vice President and Comptroller to file the revised regulations with the Secretary of State, in accordance with the provisions of the Illinois Purchasing Act.

On motion of Mr. Swain, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Stone, Mr. Swain; no, none; absent, Governor Ogilvie, Mr. Page, Mr. Steger.

#### **PURCHASES**

(27) The President submitted, with his concurrence, a list of purchases recommended by the Directors of Purchases and the Vice President and Comptroller.

The list of purchases was presented in two categories: purchases from appropriated funds (i.e., from state appropriations to the University) and purchases from institutional funds. The latter term designates funds received by the University under contracts with the United States government, contracts with private corporations and other organizations, funds from foundation grants, and grants from corporations and other donors, and University revolving funds authorized by law.

The total amounts of these purchases were:

From Appropriated Funds — Recommended.....	\$307 701 08
From Institutional Funds — Recommended.....	646 100 36
<i>Total</i> .....	\$953 801 44

A complete list of the purchases, with supporting information, including the quotations received, was sent to each member of the Board in advance of the meeting, and a copy is being filed with the Secretary of the Board for record.

On motion of Mr. Hahn, the purchases recommended by the President were authorized.

#### COMPTROLLER'S REPORT OF PURCHASES APPROVED

(28) The Vice President and Comptroller also submitted a report of purchases approved by him on recommendation of the Directors of Purchases in amounts of \$5,000 to \$7,500. A copy of this report is filed with the Secretary.

This report was received for record.

#### COMPTROLLER'S MONTHLY REPORT OF CONTRACTS EXECUTED

(29) The Comptroller's monthly report of contracts executed was submitted.

##### Medical Center

###### Change Orders

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>
Fries Walters Company	Contractor's fees for minor remodeling and new construction—general work—First Unit Dentistry-Medicine-Pharmacy, room 3	\$ 5 321
<i>Total</i>		<hr/> \$ 5 321

##### Chicago Circle

###### New Contracts

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
City of Chicago	Improvement of job opportunities through public transportation	\$ 26 000
<i>Total</i>		<hr/> \$ 26 000

##### Urbana-Champaign

###### New Contracts

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
Stewart-Warner Electronics Division	Facsimile printing using electric field forces for ink transfer	\$ 9 917
United States Air Force F 30602-70-C-0145	Data manipulation and sensing-plasma display	49 494
United States Army DAAD 05-70-C-0219	Structure and stability of detonation waves	32 010
United States Department of Health, Education, and Welfare: OEG-0-70-2844(520)	1970 Adult Education Research Conference (AERC) evaluation workshop	5 011
OEG-5-70-0021(509)	Pilot study of student economics: the relationship of expenditures to income	9 964
<i>Total</i>		<hr/> \$ 106 396

###### Change Orders

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
National Aeronautics and Space Administration NGR-14-005-111	Relations between machine structure and syntactic relations of linguistic elements, and the information bearing parameter displayed in time-domain speech signals	\$ 40 000
United States Air Force: AF 30(602)4144 F 33615-69-C-1251	Experimentation in parallel computation Effect of electron on neutron bombardment on pertinent properties of semiconducting laser materials	1 400 000 38 700
United States Army DACA-39-67-C-0009	Behavior of underground openings subjected to static loads	14 000

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
United States Atomic Energy Commission AT(11-1)1339	Fission product levels and metabolism in food producing animals	9 250
United States Navy: N 00014-67-A-0422-0001	Environmental stresses on the secretion and metabolism of adrenocortical steroids	11 060
N 00014-67-A-0305-0012	Development of objective factor analytic procedures	13 883
N 00014-67-A-0305-0014	Effects of variations of dynamic movement relationships of flight displays upon pilot performance	20 000
United States Office of Economic Opportunity CG 8889	Head start demonstration	103 287
<b>Total</b>		<b>\$1 650 180</b>

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>
Cool-Rite Mechanical Contractors, Inc.	Contractor's fees for minor remodeling and new construction — mechanical work — Civil Engineering Building	\$ 6 900
<b>Total</b>		<b>\$ 6 900</b>

### Summary

Amount to be paid to the University:	
Chicago Circle.....	\$ 26 000
Urbana-Champaign.....	1 756 576
<b>Total.....</b>	<b>\$1 782 576</b>
Amount to be paid by the University:	
Medical Center.....	\$ 5 321
Urbana-Champaign.....	6 900
<b>Total.....</b>	<b>\$ 12 221</b>

This report was received for record.

## INVESTMENT REPORT For the Month of February, 1970

### Report of the Finance Committee

(30) The Finance Committee reported the following changes in investments of endowment funds:

#### Pool

##### Sales:

\$174 000	CIT Financial demand notes.....	\$174 000 00
178 000	Household Finance demand notes.....	178 000 00
118 000	Sears Roebuck Acceptance demand notes.....	118 000 00

##### Purchases:

500	shares American Telegraph and Telephone common stock..	\$ 24 139 64
500	shares Commonwealth Edison common stock.....	18 310 65
400	shares Dow Chemical common stock.....	27 833 64
300	shares First National City common stock.....	19 486 35
1 000	shares Middle South Utilities common stock.....	21 532 50
1 000	shares Monsanto Company common stock.....	34 460 48
1 000	shares Pacific Gas and Electric common stock.....	30 214 40
1 000	shares RCA Corporation common stock.....	31 596 30
500	shares Standard Oil of New Jersey common stock.....	30 225 00
500	shares Texaco common stock.....	14 039 40
1 000	shares Transamerica common stock.....	21 406 30
1 000	shares United Utilities common stock.....	21 785 00

### Report of the Comptroller

The Comptroller reported the following changes in investments of current and unexpended plant funds, which he has been authorized to make:

*Current Funds**Medical Service Plan (Medical Center)*

Purchases:	Per Cent	
\$ 50 000 International Harvester Credit demand notes.....	8.42	\$ 50 000 00
150 000 Jim Walter notes due 7/10/70.....	8.75	145 298 58

*Restricted Group*

Purchases:		
\$2 000 000 Gamble notes due 2/19/70.....	8.52	1 995 277 78
500 000 Cargill notes due 4/17/70.....	8.60	494 097 22
500 000 Diamond States Telephone notes due 4/17/70..	8.51	492 322 92
1 000 000 Liberty Loan notes due 5/5/70.....	8.95	978 125 00
500 000 Genesco notes due 5/15/70.....	8.83	488 140 62
1 000 000 Gamble notes due 6/3/70.....	8.70	977 097 22
1 000 000 Standard Oil Indiana notes due 6/3/70.....	8.72	975 208 33
1 000 000 Jim Walter notes due 6/3/70.....	8.70	977 097 22
1 000 000 International Harvester Credit due 6/16/70....	8.88	971 250 00
1 000 000 Boise Cascade H & L 8½% notes due 5/21/71..	8.50	1 000 000 00

*Trust Benefit Fund*

Purchase:		
\$100 000 Jim Walter notes due 6/3/70.....	8.70	97 709 72

*Sinking Funds**Assembly Hall*

Purchases:		
\$ 47 000 U.S. Treasury bills due 3/31/70.....	6.06	46 662 42
139 000 U.S. Treasury 8¼% notes due 8/15/71.....	8.25	139 000 00

*Bonds of 1964 (Medical Center)*

Purchase:		
\$110 000 U.S. Treasury 8¼% notes due 8/15/71.....	8.25	110 000 00

*Housing Revenue Bonds*

Purchases:		
\$373 000 U.S. Treasury bills due 3/26/70.....	6.32	370 787 90
124 000 U.S. Treasury 8¼% notes due 8/15/71.....	8.25	124 000 00

*Illini Union and Health Center*

Sale:		
\$340 000 U.S. Treasury bills due 4/30/70.....		324 622 00
Purchases:		
\$121 000 U.S. Treasury bills due 3/26/70.....	6.36	120 192 81
80 000 U.S. Treasury 8¼% notes due 8/15/71.....	8.25	80 000 00
51 000 U.S. Treasury 8½% notes due 8/15/73.....	8.13	51 000 00

*Men's Residence Halls 1957*

Purchases:		
\$149 000 U.S. Treasury bills due 3/26/70.....	6.27	148 046 40
5 000 U.S. Treasury 8½% notes due 8/15/73.....	8.13	5 000 00

*Revenue Bonds 1956*

Purchase:		
\$ 13 000 U.S. Treasury bills due 3/26/70.....	5.96	12 922 90

*Student Services*

Purchases:		
\$ 18 000 U.S. Treasury bills due 1/31/71.....	7.29	16 811 52
7 000 U.S. Treasury 8½% notes due 8/15/73.....	8.13	7 000 00

*Women's Residence Halls 1956*

Purchases:		
\$ 20 000 U.S. Treasury 8¼% notes due 8/15/71.....	8.25	20 000 00
6 000 U.S. Treasury 1½% notes due 10/1/74.....	7.83	4 635 00

This report was received for record.

**GRANT APPLICATION AND AWARD OF CONTRACT FOR  
MANAGEMENT SURVEY OF LAW ENFORCEMENT  
PROGRAM, URBANA**

(31) Security forces at the Urbana campus which heretofore have been involved principally with plant protection and parking and traffic control have recently been forced to assume increasing responsibilities for crime prevention, detection, and apprehension. As part of the overall effort to counteract the increase of crime on the campus, personnel responsible for various aspects of law enforcement which were previously employed in several different divisions of the University have been brought together under the administrative supervision of the Associate Director of the Department of Plant and Services.

In order to determine how to better organize these combined forces and facilitate the redirection of the security forces from a watchman-type orientation toward a crime control orientation, it is proposed that a consultant be employed to conduct a management study of the law enforcement activities on the campus. This study would consist of the evaluation and development of management and operating improvements in the units responsible for law enforcement activities.

The Illinois Law Enforcement Commission has created the "Action Now" program which provides for 100 per cent financing of costs up to a maximum of \$10,000 for police management studies. Discussions with the Commission indicate that an application to the Commission to cover the cost of the proposed study would be acted upon favorably. The Jacobs Company, Inc., Chicago, has made a proposal for the conduct of such a study for a sum not to exceed \$10,000, including travel and related out-of-pocket expenses. This firm has conducted law enforcement studies in several states and its work is well regarded by the Illinois Law Enforcement Commission.

Accordingly, the President of the University, with the concurrence of appropriate administrative officers, recommends that an application be submitted to the Illinois Law Enforcement Commission for 100 per cent financing of the cost of a management survey of the law enforcement program at the Urbana-Champaign campus, the cost of which will not exceed \$10,000, and that upon securing the necessary funding from the Illinois Law Enforcement Commission for such a study, a contract be awarded to the Jacobs Company, Inc., Chicago, at a total fee not to exceed \$10,000.

On motion of Mr. Hahn, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Stone, Mr. Swain; no, none; absent, Governor Ogilvie, Mr. Page, Mr. Steger.

**REQUIREMENTS FOR ADMISSION OF BEGINNING FRESHMEN**

(32) The three Senates and the University Senates Conference have approved a recommendation by the University Committee on Admissions for a change in the requirements for admission of beginning freshmen at the Chicago Circle and Urbana-Champaign campuses, effective for the fall term of 1971-72.

The change would substitute "those best qualified will be approved" for "approval will be on a random basis" in Item 4 of the policy adopted by the Board of Trustees on September 17, 1969. Further rewording of Item 4 is also recommended to achieve greater clarity.

The University Committee on Admissions has reviewed in depth the random selection procedure, following its application for fall, 1970, admission to the College of Liberal Arts and Sciences at the Urbana-Champaign campus. One of the basic objectives of this procedure was to assure, when the number of qualified applicants exceeded available spaces, as broad a socioeconomic range as possible among those admitted. Recent research has demonstrated, however, that among applicants to the College of Liberal Arts and Sciences who meet the minimum requirements for admission to regular programs, selection of those best qualified will yield as broad a socioeconomic range as selection on a random basis. It will also assure the admission of students with the highest combinations of rank in high school class and admissions test scores, from among those submitting complete applications by the date on which action on applications begins.

All other features of the policy for admission of beginning freshmen would remain unchanged, including the provision for reserving spaces for the admission of applicants of different qualifications to experimental and special programs —

up to a limit of 10 per cent of the previous fall-term entering freshman class on each campus.

The following statement presents in full the proposed revision of the regulations approved by the Board of Trustees on September 17, 1969, regarding the requirements for admission of beginning freshmen, with the deleted portion lined through and the new portion in italics:

1. Applicants approved for admission to regular programs must have at least a one-in-two (50 per cent) chance of achieving a 3.0 (C) average for the first term in the college or curriculum to which they apply.
2. To provide the flexibility that may be needed on a temporary basis, applicants whose chances for success range from one-in-four (minimally qualified under present standards) to one-in-two (minimally qualified under recommended standards) may be approved for admission to a curriculum or college under the following circumstances:
  - a. The curriculum or college would not fully utilize available resources of space, staff, and/or facilities unless such applicants were admitted.
  - b. Provision is made by the department or college concerned designed to help such applicants improve their chances for success.
  - c. Special funds are provided where added expenses are involved in making such provision.
3. Selection of beginning freshmen for admission to the regular programs at the Chicago Circle and Urbana-Champaign campuses shall be based on a combination of high school percentile rank and admission test score.
4. ~~Qualified applicants will be admitted to the college or curriculum to which they apply in the order of receipt of their completed applications. Beginning dates for receipt of applications and action on applications will be established for each campus. If, by the beginning date for action on applications, the number of eligible applicants for admission to a particular college or curriculum is greater than the number that can be approved to fill the available spaces, approval will be on a random basis.~~
4. *A beginning date for receipt of applications and a beginning date for action on applications will be established for each campus. The number of students who can be admitted to any college or curriculum is limited, and for each college or curriculum the following procedural rules apply for filling spaces other than those reserved (as in paragraphs 5 and 6 below) for special programs: if by the beginning date for action on applications, the number of qualified applicants does not exceed the number which can be approved, then all of those applicants will be approved and subsequent qualified applicants will be approved in the order of receipt of their completed applications; on the other hand, if by the beginning date for action on applications, the number of qualified applicants exceeds the number that can be approved, those best qualified will be approved.*
5. For experimental and special programs, spaces may be reserved at each campus for applicants of different qualifications, not to exceed ten per cent of the previous fall-term entering freshman class on that campus.
6. A limited number of spaces may be reserved at each campus for applicants entering programs for which admissions decisions must be delayed.

I recommend approval.

On motion of Mr. Stone, this recommendation was approved.

#### **AUTHORIZATION FOR THE EXECUTIVE COMMITTEE TO ACT WITH RESPECT TO THE OAKLEY DAM PROJECT-ALLERTON PARK**

(33) At its meeting on July 23, 1969, the Board of Trustees authorized the execution of an agreement concerning the proposed Oakley Dam Project and Allerton Park. That agreement contemplated the possibility of future modifications of some of the terms by mutual consent of the parties or through arbitration.

Should it become necessary for the University to consider and act upon such modifications prior to the next meeting of the Board of Trustees, I recommend that the Executive Committee of the Board be authorized to act with respect thereto.

On motion of Mr. Clement, the Executive Committee was authorized to act for the Board as recommended, by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Stone, Mr. Swain; no, none; absent, Governor Ogilvie, Mr. Page, Mr. Steger.

### FIRING RANGE FOR POLICE TRAINING INSTITUTE OF THE DIVISION OF UNIVERSITY EXTENSION, URBANA

(34) The Police Training Institute proposes to construct a firing range on the south campus. The site has been approved by the Buildings and Grounds Committee and is located approximately one-third of a mile east of South First Street Road and south of the A. T. & T. Road.

The project consists of construction of two outdoor firing ranges, including a firing shelter and a steel building for classroom and office use, storage, wash-rooms, and ammunition vaults.

The Board of Higher Education reviews all requests for facilities not already approved by the Board or Legislature which are to be used primarily for purposes other than instruction.

The President of the University, with the concurrence of appropriate administrative officers, requests authority to submit appropriate materials to the State Board of Higher Education requesting approval of the proposed firing range for the Police Training Institute as a non-instructional facility.

On motion of Mr. Stone, authority was granted as requested by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Stone, Mr. Swain; no, none; absent, Governor Ogilvie, Mr. Page, Mr. Steger.

### SELECTION OF A PRESIDENT OF THE UNIVERSITY

(35) At the direction of the Trustees, the Secretary presented the following matters for action concerning the selection of a President of the University:

1. *Appointment of the Consultative Committee to Assist in the Selection of a President.* In accord with the action of the Board on March 18, 1970, the committee members have been nominated in the manner prescribed by the Board, the University Senates Conference concurring.<sup>1</sup> The list of committee members is printed below.
2. *Adoption of the Charge to the Consultative Committee.* The committee charge, prepared in consultation with the University Senates Conference, is presented for approval. The text of the charge is printed below.
3. *Appropriation for Anticipated Expenses to be Incurred by the Consultative Committee.* It is not possible to estimate what the expenses of the Committee might be. It is recommended that the Board approve an allocation of \$10,000 from the general reserve for this purpose. If this amount proves to be inadequate, a further recommendation will be presented later.

The trustees anticipate that the Chairman of the Consultative Committee will arrange for an organizational meeting as soon as possible, to enable the Board and the Committee to meet in advance of the May 20 meeting of the Board of Trustees. This meeting will be in executive session.

On motion of Mr. Clement, these actions concerning the selection of a President of the University were approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Stone, Mr. Swain; no, none; absent, Governor Ogilvie, Mr. Page, Mr. Steger.

President Hughes expressed the satisfaction of the Trustees in the actions just taken. He announced that the Board did not contemplate that there would be alternates or deputies for the members of the Consultative Committee; rather, that those that could not serve would be replaced through the selection procedures already employed.

He stated that it was the Board's judgment that meetings of the Consultative Committee should be held in executive session. He read a memorandum from the University Counsel in which the Counsel advised that closed sessions of the Committee would be in accord with

<sup>1</sup> Should the University connection of any member terminate during the course of the committee's work, the Board expects such member to be replaced by the same procedure employed in his selection.

legislation relating to open meetings. President Hughes further indicated that it was imperative that the Committee be free to do its work without embarrassment to any individual or to the University, and that it was the Board's judgment that this objective required the Committee to meet in closed session.

### **Consultative Committee to Assist in the Selection of a President**

#### **I. Faculty Members**

##### *Medical Center*

DR. MELVIN SABSHIN, Professor and Head of the Department of Psychiatry  
DR. EDDIE S. MOORE, Assistant Professor of Pediatrics

##### *Chicago Circle*

DR. ROBERT R. HALL, Professor and Head of the Department of Sociology  
DR. GORDON H. GEIGER, Associate Professor of Metallurgy

##### *Urbana-Champaign*

DR. FRANK B. LANHAM, Professor and Head of the Department of Agricultural Engineering  
DR. P. E. MAST, Associate Professor of Electrical Engineering

#### **II. Students**

##### *Medical Center*

MR. MICHAEL JOHN RASNAK, Pharmacy II

##### *Chicago Circle*

MR. ROBERT R. BENAMIN, Junior (Political Science)

##### *Urbana-Champaign*

MR. JOHN RAYMOND DELONG, Graduate Student (History)

#### **III. Faculty Member-at-Large — Chairman of the Committee**

DR. VICTOR J. STONE, Professor of Law, Urbana-Champaign Campus

#### **IV. Members of the Nonacademic Staff**

##### *Medical Center*

MRS. ANNA V. WARE, Patient Unit Manager, Department of Nursing, General Hospital

##### *Chicago Circle*

MR. WILLIAM H. ROSS, Electrician, Physical Plant Department

##### *Urbana-Champaign*

MR. JOHN L. HAYES, Accountant II, Housing Division Central Food Stores

#### **V. Administrative Officers**

##### *General Administration*

ELDON L. JOHNSON, Vice President

##### *Medical Center*

MARY K. MULLANE, Dean of the College of Nursing

##### *Chicago Circle*

GEORGE BUGLIARELLO, Dean of the College of Engineering

##### *Urbana-Champaign*

ROBERT W. ROGERS, Dean of the College of Liberal Arts and Sciences

#### **VI. Three Others, Representing Alumni, the Foundation, and Other Citizens**

MR. RALPH S. JOHNS (Chicago), President of the University of Illinois Alumni Association



MR. L. CLIFFORD GOAD (Detroit, Michigan), President of the University of Illinois Foundation

MR. C. EDWARD RAYMOND (DeKalb), of the University of Illinois Citizens Committee

**Charge to the Consultative Committee to Assist  
in the Selection of a President**

A general authorization establishing the Consultative Committee is provided by the action of the Board of Trustees on March 18, 1970. It is now necessary for the Trustees to specify the charge of the Committee and the general procedures within which it will operate.<sup>1</sup>

Although the several broad constituencies of the University are reflected in the structure of the Committee, in no sense does the Board regard the members as "representatives" or "delegates" of any single interest group. Rather, each member is expected to serve as an individual, exercising his own best judgment in the interest of the University of Illinois as a whole.

The Committee's first task will be to recommend criteria to be used as the basis of judging the qualifications of candidates for the office of President of the University; and second, to assemble a list of names of individuals judged to be suitable for the position. The several constituencies of the University should be invited to suggest suitable possible candidates, and suggestions might be sought from other appropriate sources, including other institutions of higher learning. The Trustees will of course maintain a continuing interest in the identification of outstanding candidates and may wish to suggest names.

Soon after the Committee has been organized, the Trustees will arrange a meeting with it, to discuss and fix criteria to be used in judging candidates and procedures to be followed in later stages of the search.

After a list of possible candidates has been assembled, the Committee should conduct a preliminary screening designed to identify a number of individuals judged to be the most promising in the list. Detailed information should then be secured concerning these individuals, initially from public records such as professional directories and bibliographic sources.

At this point, care should be taken neither to approach prospective candidates nor to solicit formal evaluations of candidates by non-University persons, inasmuch as such inquiries may prove to be embarrassing to the candidates or to the University. Informal inquiries may be made by the Committee, but only with clearance from the President of the Board of Trustees, and it should be made clear that the search is in a preliminary stage and that no approach has yet been made to any candidate.

In this connection, the Trustees emphasize the importance of careful coordination and channeling of all Committee communications concerning candidates through the chairman of the Committee, who is charged with the responsibility of keeping the Board fully informed — and who, in turn, will be kept informed by the Board. It is anticipated that the Board will receive progress reports, at least on a monthly basis, from the chairman of the Committee in person. (The Board will wish to have the benefit of the views of all members of the Committee, including "minority" views, if any. However, all communications should be transmitted to the Board as a whole and through the Committee chairman.)

After a review of the credentials of the reduced list of candidates, the Committee should provide the Trustees with a panel of names of individuals who appear to be most promising. A meeting will then be arranged by the Board of Trustees to discuss candidates and the procedures to be followed in approaching them.

The Trustees assume as a clear objective that the Board and the Committee will seek consensus in the final selection. As indicated in the Board actions of March 18, 1970, the Trustees have the responsibility of making the final decision. Although it will be the responsibility of the Board to approach final candidates and to conduct all negotiations, the Board will seek such assistance from the Committee in these matters as the Board may feel necessary.

It is axiomatic that discretion and confidentiality are required of all Committee members. The Committee's usefulness to the Board is dependent upon this

<sup>1</sup> The Committee is expected to develop its own rules and internal procedures, within the limits of this charge and after consultation with the Board of Trustees.

general requirement, and acceptance of it is a condition of membership on the Committee. The Trustees also require that all communications with the press be channeled through the Secretary of the Board, who will act at the direction of the President of the Board.

#### SECRETARY'S REPORT

The Secretary presented for the record the following lists: appointments to the faculty made by the President; declinations and resignations; declinations and resignation of Summer Quarter and Summer Session contracts; leaves of absence; retirements. A copy of the report is filed with the Secretary.

#### COMMUNICATIONS

##### REQUESTS FOR APPEARANCES BEFORE THE BOARD

The Secretary presented requests to be heard from the Chicago Circle Federation of Teachers and from the Citizens for the Preservation of Life, Urbana-Champaign campus.

On motion of Mr. Swain, the Board approved presentations at the next meeting for both groups — ten minutes for the Chicago Federation of Teachers and five minutes for the Citizens for the Preservation of Life. Mr. Grimes asked to be recorded as voting no on the request from the Chicago Federation of Teachers.

#### ANNOUNCEMENTS FROM THE PRESIDENT OF THE BOARD

##### MEETING OF THE EXECUTIVE COMMITTEE

President Hughes announced that a meeting of the Executive Committee on Wednesday, May 6, in Chicago, had been scheduled if needed to consider modification of the Oakley Dam Project-Allerton Park Agreement which was authorized by the Board of Trustees on July 23, 1969.

##### FUTURE MEETINGS

President Hughes called attention to the schedule of regular meetings for the remainder of the fiscal year: May 20, Chicago Circle; June 17, Urbana-Champaign; July 22 or July 29, Urbana-Champaign.

##### STANDING COMMITTEES FOR 1970-71

The President of the Board appointed the following standing committees to serve during the year 1970-71, or until their successors have been appointed following the annual meeting of the Board of Trustees in March, 1971.

The President of the University is a member, ex officio, of all standing committees.

##### *Agriculture*

TIMOTHY W. SWAIN, Chairman, DONALD R. GRIMES, W. CLEMENT STONE

##### *Alumni*

THEODORE A. JONES, Chairman, RUSSELL W. STEGER, TIMOTHY W. SWAIN, EARL E. WALKER

##### *Athletic Activities*

RUSSELL W. STEGER, Chairman, RALPH C. HAHN, THEODORE A. JONES

##### *Buildings and Grounds*

HOWARD W. CLEMENT, Chairman, DONALD R. GRIMES, THEODORE A. JONES, W. CLEMENT STONE, TIMOTHY W. SWAIN

*Chicago Departments*

THEODORE A. JONES, Chairman, HOWARD W. CLEMENT, DONALD R. GRIMES, EARL E. WALKER

*Finance*

RUSSELL W. STEGER, Chairman, HOWARD W. CLEMENT, W. CLEMENT STONE

*General Policy*

TIMOTHY W. SWAIN, Chairman, HOWARD W. CLEMENT, DONALD R. GRIMES, RALPH C. HAHN, THEODORE A. JONES, RUSSELL W. STEGER, W. CLEMENT STONE

*Nonacademic Personnel*<sup>1</sup>

DONALD R. GRIMES, Chairman, RALPH C. HAHN, THEODORE A. JONES

*Patents*

HOWARD W. CLEMENT, Chairman, DONALD R. GRIMES, W. CLEMENT STONE

*Student Welfare and Activities*

RALPH C. HAHN, Chairman, THEODORE A. JONES, RUSSELL W. STEGER, EARL E. WALKER

The following are included here as a matter of reference:

*Executive Committee:* EARL M. HUGHES, Chairman, HOWARD W. CLEMENT, TIMOTHY W. SWAIN

*Members of the Board of Trustees of the State Universities Retirement System:* DONALD R. GRIMES, EARL M. HUGHES, TIMOTHY W. SWAIN

*State Board of Higher Education Representatives:* EARL M. HUGHES, Principal; HOWARD W. CLEMENT, Alternate

On motion of Mr. Clement, the Board adjourned.

EARL W. PORTER  
*Secretary*

EARL M. HUGHES  
*President*

#### DEDICATION OF COLLEGE OF NURSING BUILDING

Members of the Board of Trustees, officers of the Board, and officers of the University joined faculty members of the College of Nursing and other guests at the dedication of the College of Nursing Building and at the dedication luncheon.

<sup>1</sup>Also representatives on the Civil Service Merit Board.

**MEETING OF THE BOARD OF TRUSTEES**  
**OF THE**  
**UNIVERSITY OF ILLINOIS**

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**May 20, 1970**



The May meeting of The Board of Trustees of the University of Illinois was held in the LaSalle Hotel, Chicago, Illinois, on Wednesday, May 20, 1970, beginning at 9:30 a.m.

President Earl M. Hughes called the meeting to order and asked the Secretary to call the roll. The following members of the Board were present: Mr. Howard W. Clement, Mr. Donald R. Grimes, Mr. Ralph C. Hahn, Mr. Earl M. Hughes, Mr. Theodore A. Jones, Mr. Russell W. Steger, Mr. W. Clement Stone, Mr. Timothy W. Swain, Dr. Earl E. Walker. Governor Richard B. Ogilvie and Mr. Ray Page were absent.

Also present were President David D. Henry; Executive Vice President and Provost Lyle H. Lanier; Chancellor Joseph S. Begando, University of Illinois at the Medical Center; Chancellor J. W. Peltason, University of Illinois at Urbana-Champaign; Chancellor Norman A. Parker, University of Illinois at Chicago Circle; Dr. Eldon Johnson, Vice President of the University; Mr. Vernon L. Kretschmer, Associate Director of Physical Plant Planning and Construction; Mr. C. E. Flynn, Assistant to the President and University Director of Public Information; Mr. James J. Costello, University Counsel; Mr. George H. Bargh, Executive Assistant to the President; and the officers of the Board, Mr. H. O. Farber, Comptroller, and Dr. Earl W. Porter, Secretary.

### REPORT OF THE EXECUTIVE COMMITTEE

The Executive Committee submitted the following report and minutes of its meeting on May 6, 1970.

A meeting of the Executive Committee of The Board of Trustees of the University of Illinois was held in Parlor K of the LaSalle Hotel, Chicago, Illinois, on Wednesday, May 6, 1970, beginning at 1:15 p.m.

Chairman Earl M. Hughes called the meeting to order and asked the Clerk of the Committee to call the roll. The following, constituting all members of the Committee, were present: Mr. Howard W. Clement, Mr. Earl M. Hughes, Mr. Timothy W. Swain. Also present were President David D. Henry; Executive Vice President and Comptroller H. O. Farber; University Counsel James J. Costello; University Director of Public Information Charles E. Flynn; Dr. Walter M. Keith, Director of Allerton Park; Secretary Earl W. Porter; Assistant Secretary Mr. R. C. Wicklund.

### INTRODUCTION OF EARL E. WALKER

Chairman Hughes recognized Dr. Earl E. Walker, newly appointed Trustee of the Board attending his first meeting.

### BUSINESS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY

The Committee considered the following reports and recommendation from the President of the University and took the action indicated.

### PRESIDENT'S REPORT — BUDGET HEARINGS

President Henry made a brief report on the budget situation as reflected in a hearing on May 5 before the Senate Appropriations Committee. He stated that University officials were advised that in all likelihood an agreement would be reached between the state administration and the legislature by which the funds proposed for salary increases would be increased to an overall level of 6 per cent; and that proposals for immediate increases in tuition would be altered and implementation deferred until January of 1971. Although neither change was one which the University could whole-heartedly endorse, he indicated that they represented major improvements over the proposals suggested earlier by the state administration.

### CONSIDERATION, MODIFIED PROJECT, PROPOSED DEVELOPMENT FOR THE OAKLEY RESERVOIR AND SANGAMON RIVER

A report and recommendation of the President's Advisory Committee on Allerton Park was presented for consideration by the Executive Committee. Vice President Farber reported that the Advisory Committee had met on May 4 and that the report was adopted unanimously. He asked Mr. Walter Keith, Director of Robert Allerton Park, to read the full text of the report and speak to its central points. The Committee recommended that the Board of Trustees "accept and support the Modified Project, Proposed Development for the Oakley Reservoir and Sangamon River," presented by the State of Illinois Department of Public Works and Buildings, Division of Waterways, February 20, 1970, as outlined in the "Revised Memorandum of Agreement."

Other documents presented to the Trustees were the following:

1. "An Evaluation of the 'Proposed Development for the Oakley Reservoir and Sangamon River, the Modified Project, February 20, 1970,'" by the University Committee on Natural Areas.
2. A report presenting a review of the effects on Allerton Park of the proposed project by the Harza Engineering Company. (The Company had been asked by the University to undertake such a review.)

The full text of the report of the President's Advisory Committee and of the "Revised Memorandum of Agreement" are filed with the Secretary.

The Committee also received oral and written presentations from the following interested parties: Mr. Bruce Hannon, Chairman of the Committee on Allerton

Park and Instructor in General Engineering, Urbana; Mr. James H. Rupp, Mayor of the City of Decatur, and Dr. S. Charles Kendeigh, Professor of Zoology and Chairman of the Committee on Natural Areas. Mr. Hannon and Dr. Kendeigh expressed the view that the Board of Trustees should adhere to the agreement of May 29, 1969. Mr. Hannon recommended that: "No changes in the 'Waterways alternative' should be accepted by the University until the Corps and the Division (of Engineers) and the Division (of Waterways) have established to the satisfaction of the natural scientists that such changes would not cause adverse effects in Allerton Park. Should the state and the city of Decatur disagree with the University, they are free to submit the question of the seriousness of the changes to arbitration under the May 29, 1969, agreement. Guarantees against future changes in project management should be obtained from the Corps. No easements on the park should be given to the Corps or State." Mayor Rupp asked for affirmation of the original agreement and acceptance of the modifications suggested in the revised memorandum.

In the discussion that followed, each of these persons participated, as did the following: Mr. John Guillou, Chief Waterways Engineer, Division of Waterways, State of Illinois, Department of Public Works and Buildings; Colonel William D. Stewart, District Engineer, Chicago District of the U.S. Corps of Engineers; Director Keith, and Mr. J. C. Ringenoldus of the Harza Engineering Company. Also present with Mayor Rupp was Mr. Benjamin Bradley of the Macon County Board of Supervisors.

It was made clear by Mr. Guillou and Mayor Rupp that both the city of Decatur and the State Department of Waterways were in agreement with the revised Memorandum of Agreement as presented to the Trustees. Colonel Stewart stated that so far as he knew the Corps of Engineers was in complete agreement with the document; that he did not visualize any changes in areas of interest to the University of Illinois; that the Corps was interested in cooperating with the University, in particular with the long-term research project referred to in the Memorandum.

Following extensive discussions with those named and among the members of the Committee and the other Trustees present, on motion of Mr. Clement the Committee adopted the language of paragraph one in the report of the President's Advisory Committee as follows:

"That the University of Illinois Board of Trustees accept and support the MODIFIED PROJECT, Proposed Development for the Oakley Reservoir and Sangamon River, presented by the State of Illinois Department of Public Works and Buildings, Division of Waterways, February 20, 1970, as outlined in the revised attached Memorandum of Agreement."

At 3:30 p.m. the Committee recessed into Executive Session for the purpose of receiving from the President of the University a report on questions of campus security.

On motion of Mr. Clement, the Executive Committee adjourned at 4:00 p.m.

EARL W. PORTER  
*Clerk*

EARL M. HUGHES  
*Chairman*

On motion of Mr. Hahn, the Board ratified, approved, and confirmed the action of the Executive Committee as reported.

#### REQUESTS FOR APPEARANCES BEFORE THE BOARD

Mr. Hughes announced that requests from several groups to make presentations to the Board had been approved and that arrangements had been made for the presentations to be made before the Committee on General Policy. He indicated that the Board would recess at 11:00 a.m. in order that the Committee might convene at that hour; upon completion of the Committee business the Board would reconvene to complete its agenda.

**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>
DUDLEY MAX BUMPASS II	South Holland, Illinois	Texas
ANTHONY FRANCESCO COLAO	Cliffside Park, New Jersey	New Jersey
DONALD SWONGER	Wheaton, Illinois	California

I concur.

On motion of Mr. Grimes, these certificates were awarded.

#### **APPOINTMENTS TO THE UNIVERSITY OF ILLINOIS CITIZENS COMMITTEE**

(2) I submit the following nominations for appointments to the University of Illinois Citizens Committee for a period of three years ending January 1, 1973. (A supplementary list of nominees will be submitted at the June Board meeting.)

E. J. ARSENEAULT, President, Soy Capital Bank and Trust Company, 1501 East Eldorado Street, Decatur, Illinois 62525  
 NORMAN C. BAUER, TWA Pilot and Farmer, Flying "B," R.F.D. 1, Anna, Illinois 62906  
 CARL W. BOYD, Fruit Grower, Carl W. Boyd Orchards, Route 1, Box 140, Anna, Illinois 62906  
 MRS. BETTY H. BOYER, Publisher, *Times-Courier*, 307 Sixth Street, Charleston, Illinois 61920  
 CHARLES SAVILLE BROWN, Executive Vice President Scientific Operations, Abbott Laboratories, 1400 Sheridan Road, North Chicago, Illinois 60064  
 LES BROWNLEE, Education and Urban Affairs Editor, WLS-TV, 190 North State Street, Chicago, Illinois 60601  
 HOMER CURTISS, Farmer, Route 1, Stockton, Illinois 61085  
 GILBERT A. FRICKE, Farmer, Rural Route 1, Tallula, Illinois 62688  
 WILLIAM B. HAMEL, JR., President and Publisher, Mattoon Journal Company, Inc., 1711 Charleston Avenue, Mattoon, Illinois 61938  
 QUENTIN L. HANCOCK, Colonel U.S.A.F. Retired, Farmer, Route 1, Herod, Illinois 62947  
 GEORGE C. HOFFMANN, Attorney, Hoffmann & Hoffmann, 810 Illinois Building, Springfield, Illinois 62701  
 R. B. HULSEN, President, Moorman Manufacturing Company, 1000 North Thirtieth Street, Quincy, Illinois 62301  
 NOEL E. HURFORD, Editor and Publisher, *Hardin County Independent*, Elizabethtown, Illinois 62931  
 ALBERT W. JOHNSON, President, Al Johnson Oldsmobile, Inc., 7417 South Halsted Street, Chicago, Illinois 60621  
 WENDELL J. KELLEY, President, Illinois Power Company, 500 South Twenty-seventh Street, Decatur, Illinois 62525  
 ROBERT G. KENNEL, Grain Farmer, J. E. Kennel & Sons, Rural Route 1, Eureka, Illinois 61530

- BURTON E. KING, Retired, 723 North West Fourth Avenue, Galva, Illinois 61434  
DAVID B. KRAMER, Partner and Publisher, Kramer Publishing Company, 110 North Sangamon Avenue, Gibson City, Illinois 60936  
G. LIONEL KRAMER, Director of Public Relations, Chicago Motor Club — AAA, 66 East South Water Street, Chicago, Illinois 60601  
CARL A. KROCH, President, Kroch's & Brentano's, Inc., 29 South Wabash Avenue, Chicago, Illinois 60603  
HOWARD J. LAUHOFF, Chairman of the Board of Directors and President, Lauhoff Grain Company, P.O. Box 571, Danville, Illinois 61832  
ROBERT E. LINDERS, D.V.M., Veterinarian, Linders Animal Clinic, South on Highway 4, Sparta, Illinois 62286  
KENNETH W. LUND, President, Scott, Foresman and Company, 1900 East Lake Avenue, Glenview, Illinois 60025  
WILLIAM J. MACKENZIE, 558 Belden Avenue, Chicago, Illinois 60614  
THOMAS E. MADRA, Owner, Cairo River & Rail Warehouses, 46th and Sycamore Street, Cairo, Illinois 62914  
CHARLES MARSHALL, Vice President — State Operations, Illinois Bell Telephone Company, 406 East Monroe Street, Springfield, Illinois 62701  
WILLIAM H. MORGAN, Editor and Publisher, Sparta News-Plaindealer, Inc., 116 West Main Street, Sparta, Illinois 62286  
GERALD G. MORIARTY, Publisher, *The Star-Courier*, 105 East Central Boulevard, Kewanee, Illinois 61443  
FRED R. O'BRIEN, President, Community Bank of Galesburg, 1380 North Henderson Street, Galesburg, Illinois 61401  
LLOYD E. PEARSON, Farmer, R.F.D. 1, Tiskilwa, Illinois 61368  
MRS. W. L. PODESTA, Owner, Will Tone Investments, 1407 Charleston Avenue, Mattoon, Illinois 61938  
WILFRED C. PRATHER, Station Manager, WMAQ-TV, Merchandise Mart Plaza, Chicago, Illinois 60654  
ARTHUR E. QUAIFFE, Retired, 407 South State Street, Annawan, Illinois 61234  
ROBERT P. REUSS, Vice President — Operations, Illinois Bell Telephone Company, 225 West Randolph Street — 28D, Chicago, Illinois 60606  
ROBERT W. RIPPELMAYER, Farmer, Rippelmeyer Stock Farm, Route 2, Valmeyer, Illinois 62295  
EDWARD B. RUST, President, State Farm Insurance Companies, 112 East Washington Street, Bloomington, Illinois 61901  
KURT SCHMIDT, President, Urbana Central Development Co., P.O. Box 327, Lincoln Square, Urbana, Illinois 61801  
JOHN G. SMITH, Attorney, Lord, Bissell & Brook, 135 South LaSalle Street, Chicago, Illinois 60603  
ALFRED F. SORENSON, Vice President and General Manager, Radio Station WKRS, Belvidere Road, Waukegan, Illinois 60085  
HAROLD B. STEELE, Farmer, Rural Route 2, Princeton, Illinois 61356  
ROBERT T. STORM, Advertising & Sales Promotion Manager, Lyon-Healy, 243 South Wabash Avenue, Chicago, Illinois 60604  
WILLIAM D. TANTON, Farmer, Tanwood Farms, Inc., Cazenovia, Illinois 61522  
MARK E. TILTON, President, The National Bank of Rochelle, 510 Lincoln Highway, Rochelle, Illinois 61068  
WALDO W. TISCH, Owner, Tisch Monument Company, Third and A Streets, Belleville, Illinois 62220  
JOHN B. WHITEHEAD, President, J. B. and Loren L. Whitehead, Inc., 321 West State Street, Rockford, Illinois 61101  
ROBERT YODER, Farmer, Rural Route 1, Eureka, Illinois 61530

On motion of Mr. Swain, these appointments were approved.

#### ADVISORY COMMITTEE FOR THE COLLEGE OF PHARMACY, MEDICAL CENTER

(3) The Dean of the College of Pharmacy has recommended to the Chancellor at the Medical Center that the advisory committee for the College of Pharmacy be revised to consist of eleven persons — nine appointed and two *ex officio*. It is proposed that appointments be for three-year terms with three members appointed annually. In proposing the first appointments, terms are of such duration as to allow establishment of the rotational sequence.



The advisory committee for the College of Pharmacy originated at the time the Chicago College of Pharmacy was incorporated into the University of Illinois in 1896. Since that time the advisory committee has consisted of five members—one of whom is replaced each year for an appointive term of five years. It is now believed that a five-person committee is not large enough to be representative of the diverse interests within the pharmacy profession.

The following appointments and reappointments are recommended to accomplish the revised advisory committee structure:

*Appointments to expire June 30, 1973*

SISTER MARY MATTHEW DEGENHART, Chief Pharmacist, St. Clement's Hospital, Red Bud, Illinois

MR. JACK T. KEEFER, Owner, Keefer's Pharmacy, Mount Prospect, Illinois

DR. PAUL O. WILLIAMS, Director of Pharmacy Development, Osco Drug Incorporated, Franklin Park, Illinois

*Appointments to expire June 30, 1972*

MR. GARY A. HALUSKA, Staff Pharmacist, DeKroyft-Metz & Company, Peoria, Illinois

MR. HAROLD J. SHINNICK, Owner, Shinnick's Pharmacy, Chicago, Illinois

MISS ROSE E. MANCUSO, Vice President, Secretary and Treasurer, The Prescription Shops, Incorporated, Joliet, Illinois

*Appointments to expire June 30, 1971*

MR. JOSEPH S. ROWE, Director, Trade Relations, Abbott Laboratories, North Chicago, Illinois

MR. IRWIN S. THORNTON, Owner, Thornton's Pharmacy, Chicago, Illinois

MR. NED HARRIS, President, N.E.D. Corporation, Operating Kopecky Pharmacy, Broadview, Illinois

*Ex officio Members*

President, Illinois Pharmaceutical Association (Mr. Philip Sacks, Owner, Phil Sacks Drugs, Norridge; Michael's Pharmacy, Des Plaines; Belmont Pharmacy, Chicago, resident, Wilmette, Illinois)

President, Illinois Council of Hospital Pharmacists (Mr. Ben T. Howiler, Director, Pharmacy-Central Service, Chicago Wesley Memorial Hospital, Chicago, Illinois)

The Chancellor at the Medical Center campus concurs

I recommend approval.

On motion of Mr. Jones, these appointments and reappointments were approved.

**DIRECTORSHIP OF UNIVERSITY OF ILLINOIS BANDS, URBANA**

(4) The Dean of the College of Fine and Applied Arts has recommended to the Chancellor at Urbana-Champaign the appointment of Dr. Harry Begian, presently Director of Bands at Michigan State University, as Professor of Music, on indefinite tenure, on 33 per cent time on an academic year service basis, and Director of University of Illinois Bands on 67 per cent time on a twelve-month service basis, beginning August 1, 1970, at an annual salary of \$23,000.

The appointment of Dr. Begian will fill the vacancy which will be created by the retirement of Director Mark H. Hindsley.

The nomination of Dr. Begian is made with the advice of a search committee<sup>1</sup> and is supported by the Executive Committee of the College of Fine and Applied Arts and the Dean of the Graduate College. The Chancellor at Urbana-Champaign approves the recommendation. The Executive Vice President and Provost concurs. I recommend approval.

On motion of Mr. Swain, this appointment was approved.

<sup>1</sup> Jack H. McKenzie, Professor of Music and Associate Dean of the College of Fine and Applied Arts; Haskell O. Sexton, Professor of Music and of Bands, *Co-chairmen*; Robert B. Downs, Dean of Library Administration; Dale Kimpton, Associate Professor of Music and Head of Extension in Music; Daniel J. Perrino, Associate Professor of Music and Dean of Student Programs and Services; E. Eugene Vance, Director of Athletic Association.

### HEADSHIP OF THE DEPARTMENT OF HISTOLOGY, MEDICAL CENTER

(5) The Dean of the College of Dentistry has recommended to the Chancellor at the Medical Center campus the appointment of Dr. Roy James Gillette, presently Professor of Histology, as Professor of Histology on indefinite tenure, and Head of the Department, beginning June 1, 1970, on a twelve-month service basis, at an annual salary of \$24,000.

This appointment is to succeed Dr. James A. Yaeger, who resigned effective September 1, 1968.

This nomination of Dr. Gillette is made with the advice of a search committee<sup>1</sup> and after consultation with all members of the faculty of the Department of Histology of the rank of assistant professor and above. The nomination is supported by the Dean of the Graduate College. The Chancellor at the Medical Center approves the recommendation. The Executive Vice President and Provost concurs.

I recommend approval.

On motion of Mr. Clement, this appointment was approved.

### HEADSHIP OF THE DEPARTMENT OF AGRICULTURAL ECONOMICS, URBANA

(6) The Dean of the College of Agriculture has recommended to the Chancellor at Urbana-Champaign the appointment of Dr. Richard L. Feltner, presently Associate Professor of Agricultural Economics, Assistant Dean and Director of Resident Instruction in the College of Agriculture and Natural Resources at Michigan State University, as Professor of Agricultural Economics on indefinite tenure and Head of the Department of Agricultural Economics, beginning August 1, 1970, on a twelve-month service basis, at an annual salary of \$25,000.

This appointee will succeed Professor H. G. Halcrow who has asked to be relieved of his administrative assignment.

The nomination of Dr. Feltner is made with the advice of a search committee<sup>2</sup> and after consultation with members of the faculty of the Department of Agricultural Economics. The nomination is supported by the Dean of the Graduate College. The Chancellor at Urbana-Champaign approves the recommendation. The Executive Vice President and Provost concurs.

I recommend approval.

On motion of Mr. Hahn, this appointment was approved.

### HEADSHIP OF THE DEPARTMENT OF HEALTH AND SAFETY EDUCATION, URBANA

(7) The Dean of the College of Physical Education has recommended to the Chancellor at Urbana-Champaign the appointment of Dr. William H. Creswell, Jr., presently Professor of Health Education and Director of the School Health Education Laboratory, as Professor of Health Education on indefinite tenure and Head of the Department of Health and Safety Education beginning September 1, 1970, on an academic year service basis, at an annual salary of \$21,350.

Dr. Creswell will fill the vacancy which will be created by the retirement of Dr. Howard S. Hoyman at the end of the current academic year.

The nomination of Dr. Creswell is made with the advice of a search committee<sup>3</sup>

<sup>1</sup>John P. Waterhouse, Professor of Oral Pathology, College of Dentistry, and of Pathology, College of Medicine, and Head of the Department of Oral Pathology, *Chairman*; Henry M. Rosenberg, Professor of Radiology and Head of the Department of Radiology, College of Medicine; Julia Meyer, Professor of Oral Pathology, College of Dentistry; Herbert R. Barghusen, Associate Professor of Oral Anatomy, College of Dentistry, and Associate Professor of Anatomy, College of Medicine.

<sup>2</sup>Chester B. Baker, Professor of Agricultural Economics, *Chairman*; Duane E. Erickson, Associate Professor of Farm Management Extension in Agricultural Economics; Frederick C. Fliegel, Professor of Rural Sociology in Agricultural Economics and in Sociology; Marvin Frankel, Professor of Economics and Chairman of the Department; Raymond M. Leuthold, Assistant Professor of Agricultural Economics; Ralph J. Mutti, Professor of Agricultural Marketing in Agricultural Economics; Franklin J. Reiss, Professor of Farm Management and Land Economics in Agricultural Economics; Robert G. F. Spitze, Professor of Agricultural Economics.

<sup>3</sup>Rollin G. Wright, Professor of Physical Education for Men and Head of the Department, *Chairman*; Aurelio E. Florio, Professor of Safety Education and Program Director of Safety and Driver Education; Laura J. Huelster, Professor of Physical Education for Women; Joseph F. Konitzki, Assistant Director of Rehabilitation-Education Services with rank of Assistant Professor; Allen V. Sapor, Professor of Recreation and Park Administration and Head of the Department; Harvey J. Schweitzer, Associate Professor of Rural Sociology Extension in the Department of Agricultural Economics.

and after consultation with members of the Department with the rank of assistant professor and above. The nomination is supported by the Dean of the Graduate College. The Chancellor at Urbana-Champaign approves the recommendation. The Executive Vice President and Provost concurs.

I recommend approval.

On motion of Mr. Swain, this appointment was approved.

#### **HEADSHIP OF THE DEPARTMENT OF THEORETICAL AND APPLIED MECHANICS, URBANA**

(8) The Dean of the College of Engineering has recommended to the Chancellor at Urbana-Champaign the appointment of Dr. Richard T. Shield, presently Professor of Applied Mechanics at California Institute of Technology, as Professor, on indefinite tenure, and Head of the Department of Theoretical and Applied Mechanics beginning September 1, 1970, on an academic year service basis, at an annual salary of \$25,000.

Because of a long-standing commitment to the University of Pittsburgh to spend the period September 1, 1970, through April 30, 1971, as Alcoa Visiting Professor, it is recommended that Dr. Shield be granted a leave of absence for this period. An acting head will be appointed during this interim period and Dr. Shield will be consulted on major departmental matters. Dr. Shield will be here as Professor for one month beginning July 16, 1970.

He will succeed Professor Thomas J. Dolan who has asked to be relieved of this administrative assignment.

The nomination of Dr. Shield is made with the advice of a search committee<sup>1</sup> and after consultation with members of the faculty of the Department of Theoretical and Applied Mechanics and the Executive Committee of the College. The nomination is supported by the Dean of the Graduate College. The Chancellor at Urbana-Champaign approves the recommendation. The Executive Vice President and Provost concurs.

I recommend approval.

On motion of Mr. Hahn, this appointment was approved.

#### **APPOINTMENTS TO CENTER FOR ADVANCED STUDY, URBANA**

(9) Upon recommendation of the Policy Committee of the Center for Advanced Study, and with the concurrence of the Dean of the Graduate College at the Urbana-Champaign campus and the Executive Vice President and Provost, I recommend that Dr. Jack Stillinger, Professor of English, and Dr. Ledyard R. Tucker, Professor of Psychology and Educational Psychology, be appointed Professors in the Center effective May 1, 1970.

On motion of Mr. Grimes, these appointments were approved.

#### **APPOINTMENTS TO THE FACULTY**

(10) 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*; F—*one-year appointment ending other than August 31*; G—*special tenure*; Q—*initial term appointment for a Professor or Associate Professor*; T—*terminal appointment, accompanied with or preceded by notice of non-reappointment*; W—*one-year appointment subject to special written agreement*; Y—*twelve months' service required instead of two semesters*; X—*percentages opposite X are for the academic year; full-time summer service is indicated by "S"; 1-7—indicates the number of*

<sup>1</sup> Arthur R. Robinson, Professor of Civil Engineering, *Chairman*; George A. Costello, Professor of Theoretical and Applied Mechanics; Robert A. Eubanks, Professor of Civil Engineering and of Theoretical and Applied Mechanics; Thomas J. Hanratty, Professor of Chemical Engineering; Philip V. McLaughlin, Assistant Professor of Theoretical and Applied Mechanics; Jodean Morrow, Professor of Theoretical and Applied Mechanics; James O. Smith, Professor of Theoretical and Applied Mechanics; Marvin C. Stippes, Professor of Theoretical and Applied Mechanics; Yukweng M. Lin, Professor of Aeronautical and Astronautical Engineering.

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. HEINZ C. CHRISTIANSEN, Assistant Professor of German, beginning September 1, 1970 (1), at an annual salary of \$10,750.
2. AUGUST FERDINAND KOSTER VAN GROOS, Assistant Professor of Geological Sciences, beginning September 1, 1970 (1), at an annual salary of \$13,000.
3. BRIAN O. MURDOCH, Assistant Professor of German, beginning September 1, 1970 (1), at an annual salary of \$11,500.
4. LAWRENCE B. OSCAI, Assistant Professor of Physical Education for Men, beginning September 1, 1970 (1), at an annual salary of \$13,500.

#### Medical Center

5. NANCY BURTON ESTERLY, Assistant Professor of Dermatology, College of Medicine, beginning March 1, 1970 (1Y), at an annual salary of \$17,500.
6. ROBERT A. LEVINE, Clinical Assistant Professor of Ophthalmology, The Abraham Lincoln School of Medicine, on one-tenth time, beginning March 1, 1970 (DY10), at an annual salary of \$3,700.
7. MARY M. SLATTERY, Assistant Professor, Curriculum in Occupational Therapy, School of Associated Medical Sciences, College of Medicine, beginning March 1, 1970 (1Y), at an annual salary of \$11,000.
8. BETTY J. TARSITANO, Assistant Professor of Nursing, beginning March 30, 1970 (1), at an annual salary of \$13,000.

#### Urbana-Champaign

9. KENNETH E. ANDERSEN, Associate Professor of Speech, beginning September 1, 1970 (A), at an annual salary of \$17,000.
10. CHARLES J. ARNTZEN, Assistant Professor of Plant Physiology, Department of Botany, beginning September 1, 1970 (1), at an annual salary of \$12,000.
11. JOHN J. HASSETT, Assistant Professor of Soils in Agronomy, beginning April 13, 1970 (1Y), at an annual salary of \$13,500.
12. LEE EDWARD HAWKINS, Assistant Professor of Secondary and Continuing Education, beginning September 1, 1970 (1), at an annual salary of \$12,000.
13. EDWARD GEORGE NECCO, Assistant Professor of Special Education, beginning September 1, 1970 (1), at an annual salary of \$13,000.
14. DUANE R. NEDRUD, Associate Professor, Police Training Institute, Division of University Extension, on 70 per cent time, beginning April 15, 1970 (QY70), at an annual salary of \$12,250.
15. GUILLERMO PERICH, Associate Professor of Music, beginning September 1, 1971 (Q), at an annual salary of \$15,000.
16. ROBERT JOSEPH REBER, Assistant Professor of Nutrition, Home Economics Extension, beginning May 1, 1970 (1Y), at an annual salary of \$13,500.
17. JAMES L. ROBINSON, Assistant Professor of Biochemistry, Department of Dairy Science, beginning August 1, 1970 (1Y), at an annual salary of \$15,000.
18. ANDREW J. SOFRANKO, Assistant Professor of Rural Sociology in Agricultural Economics and in Sociology, beginning May 1, 1970 (1Y), at an annual salary of \$14,000.
19. RICHARD VAN SLOOTEN, Assistant Professor of Theoretical and Applied Mechanics and of Aeronautical and Astronautical Engineering, beginning September 1, 1970 (1), at an annual salary of \$11,000.

#### Visiting Staff

20. THOMAS S. BROWN, Visiting Assistant Professor of Psychology, Chicago Circle, on one-half time, for the period from March 16, 1970, through June 15, 1970 (E50), at a salary of \$1,700.
21. OTTO HELMUT KEGEL, Visiting Professor of Mathematics, Chicago Circle, for the period from March 16, 1970, through June 15, 1970 (E), at a salary of \$6,000.
22. FRANK RAY VOORHEES, Visiting Assistant Professor of Entomology, Urbana, for three months from June 1, 1970 (G), at a salary of \$3,300.

### Administrative Appointment

23. MERLIN A. TABER, Acting Director of the Jane Addams Graduate School of Social Work, for six months beginning May 1, 1970. (Dr. Mark P. Hale, Director of the School, will be on sabbatical leave during this period.)

On motion of Mr. Hahn, these appointments were confirmed.

### SABBATICAL LEAVES OF ABSENCE, 1970-71

- (11) The Chancellors at each campus have recommended that the following members of the faculty be given sabbatical leaves of absence in accordance with the provisions of the University of Illinois *Statutes* and on the terms and for the periods indicated.

#### Chicago Circle

##### *College of Liberal Arts and Sciences*

##### *Department of English*

- NANCY ROCKMORE CIRILLO, Assistant Professor of English, fall quarter 1970-71, full pay; to complete work on a book about the takeover of the city of Fiume (Rijeka) in 1919 by the Italian poet and war hero Gabriele d'Annunzio; work to be done in Chicago and at the New York Public Library.

#### Medical Center

##### *College of Medicine*

##### *Department of Medicine*

- ROBERT W. CARTON, Professor of Medicine, one year beginning September 1, 1970, one-half pay; to complete a book on diseases of the chest; work to be done in Chicago, Illinois.

#### Urbana-Champaign

##### *College of Agriculture*

##### *Cooperative Extension Service*

- W. F. LOMASNEY, Associate Professor and Area Specialist in Food Merchandising and Consumer Education, six months beginning July 1, 1970, full pay; to investigate changing policies, programs, methods, and research materials in the public and private sectors, essential to Extension leadership, work to be done in Northeastern and Midwestern United States and in Washington, D.C.

These recommendations are supplementary to the applications recommended to the Board of Trustees on March 18, 1970.

I concur.

On motion of Mr. Swain, these leaves were granted as recommended.

### CONTINUATION OF PROGRAM FOR STUDY IN FRANCE FOR STUDENTS OF FRENCH, URBANA

- (12) On March 20, 1968, the Board approved a program for study in France by students majoring in French or the teaching of French. This program has been conducted as a joint effort between University of Iowa and the University of Illinois.

The Department of French, with the concurrence of the College of Liberal Arts and Sciences, considers the program successful and recommends that it be continued. It is anticipated that eighteen Illinois students and five Iowa students will be enrolled in the program for the 1970-71 academic year.

Instruction will consist of an intensive five-week orientation program from mid-September to late October to be held at the University of Grenoble, followed by the remainder of the academic year at the University of Rouen where students will take special courses in language, literature, and civilization. Agreements will be executed with the Universities of Grenoble and Rouen to provide the instructional programs. A member of the Urbana-Champaign faculty will be present with the group to serve as Program Director and to insure the quality of instruction. Participants will live with French families and take occasional field trips to places of cultural and historical significance. Students successfully completing the year's program will be granted a full academic year of credit (approximately thirty semester hours) at their respective universities.

The University of Iowa has tentatively agreed to provide one-fourth of the total educational and administrative costs of the program. On this basis, costs of instruction will not exceed those at the Urbana-Champaign campus insofar as the expenditure of state funds is concerned. Transportation of staff and a portion of the other instructional and operational costs of the program will be paid from non-state funds.

Students will incur approximately the same living costs as they presently do at the Urbana-Champaign campus, plus travel and personal expenses. The total estimated costs, exclusive of tuition and fees, will be approximately \$1,742 for the 1970-71 academic year.

The Executive Vice President and Provost and the Chancellor at the Urbana-Champaign campus concur in this recommendation. It is further recommended that the Comptroller and the Secretary of the Board of Trustees be authorized to execute such contracts as may be necessary to continue this program.

I recommend approval.

On motion of Mr. Jones, these recommendations were approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Steger, Mr. Stone, Mr. Swain, Dr. Walker; no, none; absent, Governor Ogilvie, Mr. Page.

#### **LETTER GRADE SYSTEM IN COLLEGE OF MEDICINE, MEDICAL CENTER**

(13) The Medical Center Senate has recommended that a three-level letter grade system be approved for use in the assignment of the grades for the academic year 1969-70.

The proposed letter grade system would consist of outstanding (O), satisfactory (S), and unsatisfactory (U). No numerical equivalents are proposed.

The Executive Committee of the School of Basic Medical Sciences at the Medical Center campus, the Executive Committee of The Abraham Lincoln School of Medicine, and the Academic Council of the College of Medicine concur in the recommendation.

The letter grade system described above has been used experimentally in the junior and senior years for the past five years. Members of the faculty and the student body have found the system for their purposes superior to the official system currently recognized by the University.<sup>1</sup> If approved, the system would be used in all years of the medical curriculum.

The University Senates Conference has advised that no other Senate jurisdiction is involved.

The Executive Dean of the College of Medicine, the Chancellor at the Medical Center campus, and the Executive Vice President and Provost concur.

I recommend approval.

On motion of Dr. Walker, this recommendation was approved.

#### **ESTABLISHMENT OF A COLLEGE OF URBAN SCIENCES, CHICAGO CIRCLE**

(14) The Chicago Circle Senate at its meeting on April 10, 1970, approved the recommendation of the special faculty committee—endorsed by the Executive Committee of the Graduate College—that a College of Urban Sciences be established at the Chicago Circle campus. The University Senates Conference has indicated its concurrence, reporting that no other Senate jurisdiction is involved.

In the report<sup>2</sup> of the Ad Hoc Committee on Urban Programs, the following conception of the mission of the College of Urban Sciences is stated:

"The overriding purposes of the College of Urban Sciences would be: (1) to educate students capable of effectively attacking contemporary problems, including such questions as those generally embraced by the term 'human ecology,' health and nutrition, housing, and human institutions; (2) to provide a forum for multidisciplinary interaction among faculty, students, and members of the

<sup>1</sup> The University of Illinois grading system is as follows: A = excellent; B = good; C = fair; D = poor (lowest passing grade); E = failure, including courses dropped for academic irregularities; Ab = absent from final examination without an excuse acceptable to the dean of the college concerned (counts as failure).

<sup>2</sup> A copy of the report is filed with the Secretary.

community; and (3) to promote problem-relevant research. Such an approach seems necessary for handling problems of mounting complexity, which may not be confined to neighborhood, city, or state boundaries."

The College of Urban Sciences would have broad responsibilities for interdisciplinary instruction (undergraduate and graduate), research, and public service. Specific degree programs would be developed by the dean and the faculty, and would be submitted for approval to the Senate, the Board of Trustees, and the Board of Higher Education.

With respect to research, it is recommended that the present Center for Urban Studies be transferred to the new College. Although it would in no sense have exclusive responsibility for the College's research program, the Center "would represent the central 'experiment station' of the College in which projects would be tested on a smaller scale before becoming College task forces. It would also be an appropriate location for long-range research on urbanism and urbanization."

It is expected that the College of Urban Sciences would develop distinctive programs of public service that would be uniquely related to its urban environment. The broad purpose would be to find new ways in which the instruction-research-extension complex of the "land-grant" tradition could be effectively expressed in a modern urban setting. More specifically, the Committee suggests that "the capabilities of the College will be 'extended' to the institution's various constituencies through providing skilled problem solvers in the form of graduates who will return to their communities in leadership roles." In addition, the several "task forces" proposed in the report would be directed towards various key aspects of the urban scene and agencies of the community concerned with critical problems.

The internal administrative organization of the College will be established later — after the appointment of a dean and a nucleus of faculty members.

The Chancellor at the Chicago Circle campus and the Executive Vice President and Provost recommend approval of the Committee's proposal, subject to further action by the Board of Higher Education.

I concur.

On motion of Mr. Jones, this recommendation was approved.

#### CENTER FOR AFRICAN STUDIES, URBANA

(15) The Urbana-Champaign Senate has recommended the establishment of a Center for African Studies on the Urbana campus.

As subjects for communicating significant understandings about man and his world, African history, African literature (both traditional and modern), African languages, and African-oriented agriculture, economics, geography, and political science are comparable to similar studies with American, European, or Asian content.

The proposed Center for African Studies will parallel the previously established area programs in Latin American, Asian, and Eastern European and Soviet Union studies and will provide opportunities for African-oriented instruction and research comparable to that presently provided in other major geographic areas.

Enrollment in University courses with an African focus was 130 in the spring of 1966, 234 in 1967, and 173 in 1968.<sup>1</sup> Currently, there are thirty-five graduate students whose academic interests focus on Africa and who plan to do field work in Africa for their advanced degrees. A survey of the faculty reported that twenty-seven have indicated a desire to join the Center when organized and twenty-six more have tentative interest in the Center.

The functions of the Center for African Studies are listed below (see list following this memorandum).

The Center will report to the Office of International Programs and Studies and to the College of Liberal Arts and Sciences. The Center will be administered by a director and an associate director. The Director will be assisted by an advisory committee. Most members of the Center will have full-time departmental appointments, although joint appointments may be established. Further, it is proposed that instructors of African languages and literature be appointed full time to the Center and their courses listed temporarily under the Center.

<sup>1</sup> Decline in 1968 due to loss of two faculty members whose courses were heavily oriented toward African studies.

Although it would be desirable to have funds for new appointments, there is a nucleus of African specialists on hand and a program of substantial promise can be conducted with existing faculty and other resources. A full-time Director will be needed, but funds are available in the present budget for half of his salary. Accordingly, the establishment of the Center could be accomplished with only the addition of the remainder of the full-time salary for the Director. Additional funds will be sought for the FY 1972 budget.

The Dean of the College of Liberal Arts and Sciences, the Director of the Office of International Programs and Studies, the Chancellor of the Urbana campus, and the Executive Vice President and Provost concur in the recommendation. I recommend approval, subject to further action by the Illinois Board of Higher Education.

On motion of Mr. Swain, this recommendation was approved.

### **The Functions of the African Studies Center**

The Center will undertake:

1. To promote undergraduate and graduate education with an African focus;
2. To assist in the acquisition of suitable library materials and collections;
3. To provide a framework for interdisciplinary instruction, communication, and collaboration;
4. To facilitate student and faculty research;
5. To cooperate with the University's Afro-American studies program;
6. To promote the acquisition of fellowships and scholarships for graduate study;
7. To develop inter-institutional links with African universities;
8. To provide academic counseling to students;
9. To assist departments in the recruitment of Africanists;
10. To orient University personnel who participate in overseas projects and to facilitate their participation in Center activities on their return;
11. To maintain liaison with outside agencies and University-affiliated organizations;
12. To provide suitable publicity for African activities to our own students and faculty and to other institutions; and
13. To develop orientation activities for both new and returning African students.

It is intended that all of these activities be conducted in full recognition of the priorities and prerogatives of the various departments and other University units whose members are associated with the Center.

### **SCHOOL OF PUBLIC HEALTH, MEDICAL CENTER CAMPUS**

(16) The Medical Center Senate has recommended the establishment of a School of Public Health at the Medical Center campus. It has further recommended that a Center for the Study of Patient Care and Community Health be established as a research unit within the School of Public Health.

These programs were approved in principle by the Board of Trustees on October 16, 1967, for incorporation into the University's *Proposals for the Expansion of Education in the Health Professions—1967-1980*. This document was submitted on December 13, 1967, to the Director of the Study of Education in the Health Fields, which was being sponsored by the Illinois Board of Higher Education. The proposal for the establishment of a School of Public Health was included in the report of that study and endorsed by the Board of Higher Education in Recommendation 33 in *Education in the Health Fields for State of Illinois* (June, 1968), as follows:

"33. Graduate programs of public health be established by the University of Illinois capable of enrolling 100 master's degree candidates and 40 doctoral degree candidates."

In accordance with these actions, the University's *Budget Request for Operations—Fiscal Year 1971* included an item of \$247,000 for the establishment of the School of Public Health and its Center for the Study of Patient Care and Community Health. Although the Health Education Commission approved the entire amount requested (\$247,000), the Board of Higher Education at first approved only \$121,000 (within the initial guidelines set by the Governor). Subsequently, the Board approved the remainder (\$126,000) for inclusion in a supplemental budget



for the health fields. Appropriation bills covering the entire amount are now before the General Assembly.

The curricula to be developed by the School of Public Health would be designed to meet the "Criteria and Guidelines for Accreditation for Schools of Public Health," as formulated by the American Public Health Association. Programs of professional study leading to degrees of Master of Public Health (M.P.H.) and Doctor of Public Health (D.P.H.) will be developed. It is expected that an entering class of twenty to twenty-five students will be admitted to the program for the master's degree for the academic year 1971-72, assuming that the degree program has been approved prior to that time by the Board of Higher Education.

The Chancellor at the Medical Center campus and the Executive Vice President and Provost concur in the recommendation. The University Senates Conference has indicated that no other Senate jurisdiction is involved.

I recommend approval, subject to action on the proposal by the Illinois Board of Higher Education.

On motion of Dr. Walker, this recommendation was approved.

#### **REORGANIZATION OF THE COLLEGE OF NURSING, MEDICAL CENTER**

(17) The Dean and the faculty of the College of Nursing have recommended, and the Medical Center Senate has approved, the reorganization of the College, which is presently not departmentalized, into the following departments with assignments of functions as indicated in each case:

Department of General Nursing — introductory and general nursing.

Department of Maternal-Child Nursing — specialties of maternity nursing and of child health and pediatric nursing.

Department of Medical-Surgical Nursing — specialties of medical and surgical nursing.

Department of Psychiatric Nursing — specialties of mental health and psychiatric nursing.

Department of Public Health Nursing — specialties of public health nursing and community health.

Recently, because of its growth in numbers of students and faculty, the College has been operating informally on the basis of a division of responsibilities corresponding to the plan of departmental organization here recommended. The administration of the College will be more effective by formal delegation of responsibilities in specific areas of teaching and research to regularly constituted departments with a qualified head in each case.

The Chancellor at the Medical Center campus and the Executive Vice President and Provost concur in the recommendation.

The University Senates Conference has indicated that no other Senate jurisdiction is involved.

I recommend approval.

On motion of Dr. Walker, this recommendation was approved.

#### **REORGANIZATION OF THE JANE ADDAMS GRADUATE SCHOOL OF SOCIAL WORK**

(18) The Jane Addams Graduate School of Social Work has not been formally reorganized in conformity to the chancellorship system but has remained an independent educational unit whose Director reports to the President of the University. The Director and the School's administrative headquarters are located at the Urbana-Champaign campus, and the Urbana-Champaign faculty of the School conducts a graduate program leading to the degree of Master of Social Work — under the legislative aegis of the Urbana-Champaign Senate. But a separate faculty conducts a parallel program at the Chicago Circle campus, which is under the administrative jurisdiction of the Director and the legislative jurisdiction of the Urbana-Champaign Senate. (The eligible members of the Chicago faculty of the School are members of the Urbana-Champaign Senate.)

The Executive Committee and the entire faculty of the Jane Addams Graduate

School of Social Work have unanimously recommended the following changes in the organizational status of the School:

1. That two separate Schools be established, with the Urbana-Champaign and the Chicago Circle programs being conducted under the legislative jurisdiction of the respective Senates of these two campuses. The members of each faculty group would be members of the Senate and Graduate College faculty at its campus. Identical names would be used for the two units.
2. That in order to achieve effective coordination among the two schools, they would have a single Director who would be a member of the faculty and the Senate at each of the two campuses. He would report administratively to the Chancellor at each campus for the program in social work at that campus.
3. That there be a common Executive Committee for the two Schools, elected by the entire faculty of both. The combined faculty groups and the single Executive Committee would act on all matters within the statutory jurisdiction of these bodies, with reference to the programs at *both campuses*. But proposals relating only to the Chicago Circle school would be sent to the Chancellor and thence to the Senate at that campus for review and approval; recommendations involving only the Urbana-Champaign program would be sent to the Chancellor and Senate at that campus; recommendations involving both programs would be sent concurrently to the chancellors at both campuses, for transmittal to their respective Senates. Neither the Chancellor nor the Senate at a given campus would be bound by actions taken by the Chancellor or the Senate at the other campus.
4. In the event of disagreement between the two Senates, the issue would be referred to the University Senates Conference for resolution in accordance with the *Statutes*.
5. In addition to the Director, who would be common to both programs, there would be appointed at each campus an Associate Director responsible to the Director and concerned only with the program at that campus.
6. The reorganization would become effective immediately. (Approval by the Illinois Board of Higher Education is not required.)

This plan of reorganization has been approved by the Executive Committees of the two Graduate Colleges, the two Senates, and the University Senates Conference. The Deans of the Graduate Colleges at the Chicago Circle and the Urbana-Champaign campuses, the two Chancellors, and the Executive Vice President and Provost endorse the proposals.

I concur.

On motion of Mr. Grimes, this recommendation was approved.

#### COMMITTEE ON GENERAL POLICY

The President of the Board announced that the regular agenda would be continued after lunch and that the Committee on General Policy would convene at this time.

Mr. Swain took the chair and the Committee heard presentations from the following individuals and groups and took the actions indicated:

1. Chicago Circle Federation of Teachers, Local 1627, AFT. Mr. John Pappademos, president of the organization, presented a request that the Trustees "authorize an election to determine a bargaining agent for the faculty." A written statement in support of the request was distributed and is on file with the Secretary.

Following discussion and questions directed to Mr. Pappademos, the Committee agreed to take the request under advisement.

2. Student Government Legal Rights Commission, Chicago Circle. Mr. Kevin W. Cronin, Director of the Student Government Legal Rights

Commission, Chicago Circle, appeared to speak in justification to the allocation of student government funds for the operation of a "Student Legal Rights Commission." Specifically, he sought to appeal the action of the Chancellor at Chicago Circle in disapproving the use of student government funds for this purpose. Mr. Cronin distributed a number of documents bearing on the subject and in support of the use of funds for such a purpose.

On motion of Mr. Grimes, the Committee acted to refer the subject to the President of the University, who had not had an opportunity to review this question, for study and recommendation.

3. Request for Amnesty, Chicago Circle. The following persons from the Chicago Circle campus appeared before the Board: Mrs. Edna S. Epstein, Assistant Professor of French; Reverend Robert Shaner, chaplain of the Lutheran Student Association; Dick W. Simpson, Assistant Professor of Political Science; and Craig Connally, a student.

The group appeared to request amnesty for a number of students who had been arrested following occupancy of the Roosevelt Road Building annex on May 6. The Committee was asked to take a position directing the University police to drop the charges; to make a public declaration to civil authorities that the University was in sympathy with the dropping of the charges; and, should the cases go to court, to provide for University representatives to plead for leniency. The Committee received information concerning the incident from those appearing as well as from Chancellor Parker. President Henry reviewed the Board's position and policy with regard to occupancy of buildings, indicating that the occupancy of buildings has been interpreted as a form of coercion.

Mr. Stone moved that no amnesty be granted. The motion was approved.

The Committee adjourned.

#### LUNCHEON RECESS

Members of the Consultative Committee to Assist in the Selection of a President were guests of the Board at lunch.

#### AFTERNOON SESSION, MAY 20, 1970

When the regular Board meeting reconvened after lunch, the same members of the Board, officers of the Board, and officers of the University were present as recorded at the beginning of these minutes, except Mr. Grimes, Mr. Steger, and Mr. Swain who asked to be excused.

#### REQUEST TO MAKE A PRESENTATION

A request from a number of students at Chicago Circle to discuss University investments was presented for action. On motion of Mr. Clement, the Trustees approved the referral of this subject, and the scheduling of a presentation, to the Committee on General Policy at its next meeting.

#### BUSINESS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY

The Board took up consideration of the following reports and recommendations from the President of the University.

### CHANGE IN ORGANIZATION OF DEPARTMENT OF URBAN AND REGIONAL PLANNING, URBANA

(19) At the April 15, 1970, meeting, the Board of Trustees approved the merger of the Department of Urban Planning and the Bureau of Community Planning, and with this merger the renaming of the unit "Department of Urban and Regional Planning" to be effective September 1, 1970. The Department is currently organized with a chairman.

Members of the Department of Urban Planning and the Bureau of Community Planning of professorial rank have now voted to request a change in departmental administrative organization for the newly reorganized Department from that of a department with a chairman to that of a department with a head. The Dean of the College of Fine and Applied Arts recommends that this form of organization requested be approved. The Chancellor at the Urbana-Champaign campus and the Executive Vice President and Provost concur.

I recommend approval of this change in organization to be effective September 1, 1970.

On motion of Mr. Jones, this recommendation was approved.

### CHANGE IN ORGANIZATION OF DEPARTMENT OF LANDSCAPE ARCHITECTURE, URBANA

(20) The members of the Department of Landscape Architecture of professorial rank (Urbana) have voted to request a change in departmental organization from that of a department with a chairman to that of a department with a head.

The Dean of the College of Fine and Applied Arts recommends that the form of organization requested be approved. The Chancellor and the Executive Vice President and Provost concur.

I recommend approval of the change in organization to become effective September 1, 1970.

On motion of Mr. Clement, this recommendation was approved.

### PSYCHOLOGICAL AND COUNSELING CENTER, URBANA

(21) The Chancellor at the Urbana campus has recommended that the name of the Student Counseling Service be changed to the "Psychological and Counseling Center." The Director of the Service requested the change, to reflect more clearly the nature of the services available there.

The Executive Vice President and Provost concurs in this recommendation.

I recommend approval.

On motion of Mr. Clement, this recommendation was approved.

### APPROPRIATIONS FOR NONRECURRING EXPENDITURES

#### Chicago Circle

(22) The Chancellor, on behalf of the Chicago Circle Committee on Nonrecurring Appropriations, recommends the following appropriation from the:

#### *Chicago Circle General Reserve*

##### Physical Plant Department:

Activation costs in connection with the opening of the Behavioral Sciences Center and the Science and Engineering Center Buildings.....	\$36 000
Furniture to equip the remodeled areas in the Racine Avenue Building..	40 000
<i>Total, Chicago Circle General Reserve.....</i>	<i>\$76 000</i>

#### Medical Center

The Chancellor, on behalf of the Medical Center Committee on Nonrecurring Appropriations, recommends the following appropriation from the:

#### *Medical Center Contract Research Reserve*

##### College of Pharmacy:

Department of Pharmacognosy and Pharmacology, equipment.....	\$20 000
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#### Urbana-Champaign

The Chancellor, on behalf of the Urbana-Champaign Committee on Nonrecurring Appropriations, recommends the following appropriation from the:

*Urbana-Champaign General Reserve*

Renovation and remodeling for which funds are assigned to the Department of Plant and Services:

Air conditioning for the Aviation Research Laboratory of the Institute of Aviation at Willard Airport..... \$14 344

The Executive Vice President and Provost and the Vice President and Comptroller concur.

I recommend approval.

On motion of Mr. Stone, these appropriations were made by the following vote: Aye, Mr. Clement, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Stone, Dr. Walker; no, none; absent, Mr. Grimes, Governor Ogilvie, Mr. Page, Mr. Steger, Mr. Swain.

**CONTRACT FOR CAULKING ELEVATED WALKWAY  
AND EXEDRA AREA, CHICAGO CIRCLE**

(23) The President of the University, with the concurrence of appropriate administrative officers, recommends the award of a contract in the amount of \$23,840 to the Berglund Maintenance Company, Chicago, the low bidder on the base bid for caulking granite walkway slabs of elevated walkway and exedra areas at the Chicago Circle campus.

Funds are available in the current operating budget of the Physical Plant Department, Chicago Circle.

Submitted herewith is a schedule of bids received, a copy of which is being filed with the Secretary of the Board for record.

On motion of Mr. Hahn, this contract was awarded by the following vote: Aye, Mr. Clement, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Stone, Dr. Walker; no, none; absent, Mr. Grimes, Governor Ogilvie, Mr. Page, Mr. Steger, Mr. Swain.

**CONTRACTS FOR REMODELING IN RACINE AVENUE BUILDING,  
CHICAGO CIRCLE**

(24) The President of the University, with the concurrence of appropriate administrative officers, recommends award of the following contracts for remodeling in the Racine Avenue Building at the Chicago Circle campus, the award in each case being to the low bidder:

General — Marcus Construction Company, Inc., Chicago.....	\$103 580
Plumbing and Drainage — Peter H. Smith Company, Chicago.....	8 640
Heating, Refrigeration and Temperature Controls — Dynamic Heating & Piping Company, Summit.....	17 190
Ventilation and Air Conditioning — Eiselt Ventilating Co., Inc., Chicago	35 845
Electrical — Commercial Light Company, Chicago.....	37 998

Funds for this work are available in state capital appropriations to the University and have been released by the Governor.

Submitted herewith is the schedule of bids received, a copy of which is being filed with the Secretary of the Board for record.

On motion of Mr. Clement, these contracts were awarded by the following vote: Aye, Mr. Clement, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Stone, Dr. Walker; no, none; absent, Mr. Grimes, Governor Ogilvie, Mr. Page, Mr. Steger, Mr. Swain.

**CONTRACTS FOR REMODELING IN HOSPITAL ADDITION BUILDING,  
MEDICAL CENTER**

(25) The President of the University, with the concurrence of appropriate administrative officers, recommends award of the following contracts for remodeling of the thirteenth and fourteenth floors in the Hospital Addition Building at the Medical Center campus, the award in each case being to the low bidder on the base bid plus the acceptance of those deductive alternates as indicated below.

	<i>Base Bid</i>	<i>Deduct Alter- rate No. 2</i>	<i>Deduct Alter- rate No. 3</i>	<i>Deduct Alter- rate No. 4</i>	<i>Deduct Alter- rate No. 5</i>	<i>Deduct Alter- rate No. 6</i>	<i>Total</i>
General—James Drew, an individ- ual doing busi- ness as J. S. Drew Construction Co., Palatine.....	\$29 438	\$1 000	\$1 350	\$1 000	\$1 250	\$ 300	\$24 538
Plumbing—The Nu-Way Con- tracting Corp., Chicago.....	20 443	...	...	...	...	100	20 343
Heating, Air Con- ditioning, Pro- cess Piping, and Temperature Control—S. J. Reynolds Co., Inc., Cicero.....	19 716	1 600	...	2 350	...	6 400	9 366
Ventilation—Moto Heating, Venti- lating, Air Con- ditioning Corpora- tion, Chicago....	1 390	...	...	...	...	...	1 390
Electrical—Mid- west Interstate Electrical Con- struction Co., Chicago.....	18 616	...	5 353	...	5 872	492	6 899
<i>Total</i> .....							<u>\$62 536</u>

It is further recommended that all contracts other than the contract for the general work be assigned to the contractor for the general work, making the total of its contract \$62,536, and that an agreement be entered into with the J. S. Drew Construction Co. for assignment of the other contracts. The amount bid by J. S. Drew Construction Co. for the supervision of the other contracts assigned to the general contractor is included in the base bid for general work.

Funds for this work are available in state capital appropriations to the University and have been released by the Governor.

Submitted herewith is the schedule of bids received, a copy of which is being filed with Secretary of the Board for record.

On motion of Mr. Jones, these contracts were awarded by the following vote: Aye, Mr. Clement, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Stone, Dr. Walker; no, none; absent, Mr. Grimes, Governor Ogilvie, Mr. Page, Mr. Steger, Mr. Swain.

#### REVISION IN CONTRACT FOR GAS SERVICE FOR THE CIVIL ENGINEERING BUILDING, URBANA

(26) The Board of Trustees at its meeting on May 16, 1967, authorized execution of an agreement with Illinois Power Company for gas service for the Civil Engineering Building Complex at the Urbana-Champaign campus, at the Standard Utility Service Classification Rate 62 with Riders A, C, and CC. On December 20, 1967, the Board of Trustees approved a revision in this contract to Classification Rate 52 with Riders A, C, and CC until adjustments in the system could be completed which would make a return to Rate 62 economical. Adjustments in the system have now been completed, and it will now be desirable to return to Classification Rate 62.

Accordingly, the President of the University, with the concurrence of appropriate administrative officers, recommends that authorization be given to enter into an agreement with the Illinois Power Company for gas service at the Civil Engineering Building at the Urbana-Champaign campus at the Standard Utility Service Classification Rate 62 with Riders A, C, and CC.

Funds are available in the budget of the Department of Plant and Services.

On motion of Mr. Hahn, authority was given as recommended by the following vote: Aye, Mr. Clement, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Stone, Dr. Walker; no, none; absent, Mr. Grimes, Governor Ogilvie, Mr. Page, Mr. Steger, Mr. Swain.

**CONTRACTS FOR STEAM AND CHILLED WATER  
SERVICE TO MUSIC BUILDING AND FOREIGN  
LANGUAGES BUILDING, URBANA**

(27) The President of the University, with the concurrence of appropriate administrative officers, recommends award of the following contracts for underground piping for steam and chilled water service to the Music Building and Foreign Languages Building at the Urbana campus, the award in each case to the low bidder:

<i>Project</i>	<i>Firm</i>	<i>Bid</i>
Music Building . . . . .	Julian Engineering Company, Chicago	\$118 460
Foreign Languages Building . . . . .	Reliable Plumbing & Heating Company, Champaign	43 400

Funds are available in state capital appropriations to the University and have been released by the Governor.

Bids received on March 24, 1970, were rejected by the President in accordance with Section 15 (e) (2) of the *General Rules Concerning University Organization and Procedure* since these bids exceeded the project budget. Subsequently the scope of the work was revised in rebidding the project to lower costs and the present bids are within the project budget.

(Bids for these projects were advertised in the manner prescribed by the Illinois Purchasing Act, and the following bids were received on May 5, 1970:

<i>Contractors</i>	<i>Music Building</i>	<i>Foreign Languages Building</i>	<i>Both Projects</i>
Reliable Plumbing & Heating Company, Champaign . . . . .	\$123 435	\$43 400	\$166 500
Julian Engineering Company, Chicago . . . . .	118 460	58 460	173 300
Healy Mechanical Contractors, Inc., St. Paul, Minnesota . . . . .	123 000	54 800	169 300
Bellis-Hanley, Inc., Chicago . . . . .	...	...	169 895
Cool-Rite Mechanical Contractors, Inc., Urbana Inskip Plumbing, Heating & Air Conditioning Co., Champaign . . . . .	127 721	54 545	...
William Adams Engineers, Inc., Chicago . . . . .	126 490	62 340	...
S. J. Reynolds Co., Inc., Cicero . . . . .	173 371	55 955	225 000)

On motion of Mr. Clement, these contracts were awarded by the following vote: Aye, Mr. Clement, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Stone, Dr. Walker; no, none; absent, Mr. Grimes, Governor Ogilvie, Mr. Page, Mr. Steger, Mr. Swain.

**CONTRACTS FOR REMODELING IN DAVENPORT HALL, URBANA**

(28) The President of the University, with the concurrence of appropriate administrative officers, recommends award of the following cost-plus contracts based on percentages bid for contractors' fees for remodeling in the southeast wing of Davenport Hall at the Urbana-Champaign campus for the Department of Anthropology, the award in each case being to the low bidder.

	<i>Per Cent for Material</i>	<i>Per Cent for Labor</i>	<i>Per Cent for Sub- contracts</i>	<i>Estimated Fee Pay- ments and Equipment Costs</i>	<i>Total Estimated Payments</i>
General — Dean Evans Co., a Delaware Corporation, Champaign.....	3	24.5	15	\$3 921 00	\$30 021 00
Electrical — G. L. Wilsky, an individual doing business as Downtown Electric, Urbana.....	14	26	0	2 222 00	11 322 00
Plumbing — Willis Thomas and W. C. Thomas, a partnership doing business as Thomas Plumbing & Heating Co., Urbana.....	16	33	0	3 301 00	15 601 00
Heating, Piping, Refrigeration and Automatic Temperature Control Systems — David W. Reichard Plumbing & Heating Co., Inc., Urbana.....	15	40	5	1 407 50	4 357 50
Ventilation & Distribution Systems for Conditioned Air — Reliable Plumbing & Heating Company, a Delaware Corporation, Champaign....	20	50	5	2 799 00	8 649 00

Funds for this work are available in state capital appropriations to the University and have been released by the Governor.

Submitted herewith is a schedule of bids received, a copy of which is being filed with the Secretary of the Board for record.

On motion of Mr. Hahn, these contracts were awarded by the following vote: Aye, Mr. Clement, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Stone, Dr. Walker; no, none; absent, Mr. Grimes, Governor Ogilvie, Mr. Page, Mr. Steger, Mr. Swain.

#### **CONTRACT FOR GUTTERING REPLACEMENT AND ROOF REPAIRS FOR WOOD SHOP AND FOUNDRY LABORATORY, URBANA**

(29) The President of the University, with the concurrence of appropriate administrative officers, recommends the award of a contract in the amount of \$32,887 to Lloyd Hitchins, an individual doing business as Hitchins Roofing Company, Urbana, the low base bidder, for guttering replacement and roof repairs to the Wood Shop and Foundry Laboratory at the Urbana-Champaign campus.

Funds are available in the current operating budget of the Department of Plant and Services, Urbana.

On motion of Mr. Clement, this contract was awarded by the following vote: Aye, Mr. Clement, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Stone, Dr. Walker; no, none; absent, Mr. Grimes, Governor Ogilvie, Mr. Page, Mr. Steger, Mr. Swain.

#### **REQUEST TO ILLINOIS BUILDING AUTHORITY TO INCREASE CONTRACT FOR CONSTRUCTION OF SMALL ANIMAL CLINIC AND HOSPITAL-VETERINARY MEDICINE COMPLEX, PHASE I, URBANA**

(30) The President of the University, with the concurrence of appropriate administrative officers, recommends that the Illinois Building Authority be requested to authorize an increase of \$22,000 in the contract with Talandis Construction Corpora-



tion, Sauk Village, for construction of the Small Animal Clinic and Hospital-Veterinary Medicine Complex, Phase I, to adjust an allowance specified under the contract for installation and operation of a wellpoint system.

Funds are available in the project budget for this work.

On motion of Dr. Walker, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Stone, Dr. Walker; no, none; absent, Mr. Grimes, Governor Ogilvie, Mr. Page, Mr. Steger, Mr. Swain.

#### PURCHASES

(31) The President submitted, with his concurrence, a list of purchases recommended by the Directors of Purchases and the Vice President and Comptroller; also purchases authorized by the President.

The list of purchases was presented in two categories: purchases from appropriated funds (i.e., from state appropriations to the University) and purchases from institutional funds. The latter term designates funds received by the University under contracts with the United States government, contracts with private corporations and other organizations, funds from foundation grants, and grants from corporations and other donors, and University revolving funds authorized by law.

The total amounts of these purchases were:

##### *From Appropriated Funds:*

Authorized.....	\$ 60 437 00
Recommended .....	407 440 89
<i>Total</i> .....	<u>\$ 467 877 89</u>

##### *From Institutional Funds:*

Recommended .....	\$2 565 982 32
<i>Grand Total</i> .....	<u>\$3 033 860 21</u>

A complete list of the purchases, with supporting information, including the quotations received, was sent to each member of the Board in advance of the meeting, and a copy is being filed with the Secretary of the Board for record.

On motion of Mr. Hahn, the purchases authorized by the President were approved, and the purchases recommended were authorized.

#### COMPTROLLER'S REPORT OF PURCHASES APPROVED

(32) The Vice President and Comptroller also submitted a report of purchases approved by him on recommendation of the Directors of Purchases in amounts of \$5,000 to \$7,500. A copy of this report is filed with the Secretary.

This report was received for record.

#### COMPTROLLER'S MONTHLY REPORT OF CONTRACTS EXECUTED

(33) The Comptroller's monthly report of contracts executed was presented.

##### Medical Center

##### *Change Orders*

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>
Fries Walters Company	Contractor's fees for minor remodeling and new construction—electrical: First Unit Dentistry-Medicine-Pharmacy Building, rooms 200A and 200B	\$ 5 877
Nu-Way Contracting Corporation	Contractor's fees for minor remodeling and new construction—heating: First Unit Dentistry-Medicine-Pharmacy Building, rooms 200A and 200B	5 421
Simpson Construction Company	Contractor's fees for minor remodeling and new construction—general: First Unit Dentistry-Medicine-Pharmacy Building, rooms 200A and 200B	9 150
<i>Total</i>		<u>\$ 20 448</u>

### Chicago Circle Change Orders

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
American Petroleum Institute	Effect of hydrogen at high temperatures on low alloy steels	\$ 15 000

### Urbana-Champaign New Contracts

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
Illinois Department of Conservation	Study of users of Illinois' state parks and conservation areas	\$ 35 000
United States Air Force F 41609-70-C-0027	Comparison of two possible explanations of the failure of ability tests to predict performance at advanced stage of pilot training	19 400
United States Army DACW43-70-C-0147	Water quality investigation at the Shelbyville, Illinois, reservoir	6 000
United States Department of Health, Education, and Welfare: OEG-0-70-1826(725)	Fellowship program for teacher trainers in early childhood education	20 480
OEG-0-70-1950(721)	Vocational and technical education leadership development	109 200
OEG-5-70-0333(508)	Transfer effects in second language learning	31 596
United States Navy N00014-67-A-0305-0015	High density memory system	55 000
United States Department of Transportation: Federal Aviation Administration DOT-FA70WA-2322	Tests to establish normative empirical values for pilotage error as a function of major area navigation display design variables	99 953
Federal Railroad Administration DOT-FR-00023	Innovations in tunnel support systems	78 000
<i>Total</i>		<hr/> \$454 629

### Change Orders

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
Illinois Department of Conservation — Recreation and Park Administration	System plan for water fowl refuges, recreation areas for the State of Illinois	\$ 7 557
National Aeronautics and Space Administration NGR 14-005-138	Analysis of film cooling as an alternate protection system for space craft during atmospheric reentry	24 924
United States Air Force AF-AFOSR-889-67	Anatomy of insect central nervous system	21 123
United States Atomic Energy Commission: AT(11-1) 890	Investigate the mechanism of radiation-induced addition of tritium to carbon-carbon double bonds	54 182
AT(11-1) 1018	Pattern recognition and data handling problems arising in the analysis of bubble chamber photographs of high-energy particle events	220 000
United States Department of Health, Education, and Welfare OEG-0-9-230204-3665(721)	Prospective teacher fellowship project	25 500
United States Navy N00014-67-A-0305-0002	Investigation of radio direction finding techniques over broad bands of frequencies to obtain accurate information on intercepted signals	30 000
<i>Total</i>		<hr/> \$383 286

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>
Dean Evans Company	Contractor's fees for minor remodeling and new construction — general:	
	Animal Sciences Laboratory	\$ 7 500
	Illiac IV	6 000
	Sanitary Engineering Laboratory	7 000

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>
Reliable Plumbing and Heating Company	Contractor's fees for minor remodeling and new construction—piping: Illiac IV	12 000
Thomas Plumbing and Heating Company	Contractor's fees for minor remodeling and new construction—plumbing: Animal Sciences Laboratory	5 500
<b>Total</b>		<b>\$ 38 000</b>

**Summary**

Amount to be paid to the University:	
Chicago Circle.....	\$ 15 000
Urbana-Champaign.....	837 915
<b>Total.....</b>	<b>\$852 915</b>
Amount to be paid by the University:	
Medical Center.....	\$ 20 448
Urbana-Champaign.....	38 000
<b>Total.....</b>	<b>\$ 58 448</b>

This report was received for record.

**QUARTERLY REPORT OF THE COMPTROLLER**

(34) The Comptroller presented his quarterly report to the Board as of March 31, 1970.

This report was received for record and a copy has been filed with the Secretary of the Board.

**ANNUAL REPORT OF THE TREASURER**

(35) In accordance with the by-laws of the Board of Trustees, the Treasurer of the University has submitted a report of receipts and disbursements of University funds in his custody for the period March 1, 1969, to February 28, 1970, certified by the Vice President and Comptroller. A copy of the report was sent to each member of the Board of Trustees prior to today's meeting, and a copy is filed with the Secretary of the Board.

This report was received and recorded.

**INVESTMENT REPORT**  
**For the Month of March, 1970**

**Report of the Finance Committee**

(36) The Finance Committee reported the following changes in investments of endowment funds:

*Beck*

Sale:	<i>Per Cent</i>	
10 rts Standard Oil of New Jersey void 3/11/70.....		\$ 2 97

*Duke*

Purchase:		
\$ 30 000 U. S. Treasury bills due 1/31/71.....	6.90	28 246 50

*Kinley*

Sale:		
276 rts Standard Oil of New Jersey void 3/11/70.....		81 94

*Merritt Foundation Student Loan*

Sale:		
200 rts Standard Oil Company of New Jersey void 3/11/70.....		59 37

*Endowment Pool*

Sale:		
\$ 2 000 CIT Financial demand notes.....		2 000 00
Purchases:		
\$ 35 000 Associates demand notes.....	7.52	35 000 00
7/9 share Royal Dutch Petroleum.....		28 79
8/10 share Shulton, Inc.....		28 30
47 shares Standard Oil of New Jersey common stock.....		2 115 00

*Rust*

## Sale:

114 rts Standard Oil of New Jersey void 3/11/70.....	33	84
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*Stubbins Student Loan*

## Purchase:

\$ 7 000 U.S. Treasury bills due 2/28/71.....	6.79	6 553 82
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*Zerbe Scholarship*

## Purchase:

\$ 15 000 U.S. Treasury bills due 9/30/70.....	6.62	14 437 50
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**Report of the Comptroller**

The Comptroller reported the following changes in investments of current and un-expended plant funds, which he has been authorized to make:

*Current Funds**Current Funds* (Chicago Circle)

## Purchases:

	<i>Per Cent</i>	
\$275 000 Amoco Credit notes due 4/10/70.....	8.56	\$273 117 01
850 000 Clark Equipment Cr. notes due 4/10/70.....	8.17	845 012 64

*Medical Service Plan* (Medical Center)

## Sales:

\$ 55 000 CIT Financial demand notes.....	55 000 00
40 000 International Harvester Cr. demand notes.....	40 000 00

*Restricted Group*

## Purchases:

\$ 500 000 Hewlett Packard notes due 5/15/70.....	8.78	491 135 42
1 000 000 Household Finance notes due 7/3/70.....	8.75	970 958 33
1 000 000 Burroughs notes due 7/17/70.....	8.78	967 888 89
500 000 Republic Steel notes due 7/17/70.....	8.48	486 250 00
1 000 000 Atlantic Richfield notes due 8/3/70.....	8.81	964 583 33

*Star Course Agency*

## Purchases:

\$ 10 000 U.S. Treasury bills due 8/20/70.....	6.97	9 684 88
10 000 U.S. Treasury bills due 11/30/70.....	6.87	9 509 95

*Construction Funds**Assembly Hall*

## Purchases:

\$ 36 000 U.S. Treasury bills due 6/22/70.....	6.93	35 260 40
200 000 U.S. Treasury bills due 2/28/71.....	7.05	186 729 67

*Dentistry-Medicine-Pharmacy Auxiliary* (Medical Center)

## Purchase:

\$103 000 U.S. Treasury bills due 5/28/70.....	6.49	101 715 84
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*Illinois Street Air Conditioning*

## Purchases:

\$ 25 000 U.S. Treasury bills due 6/22/70.....	6.88	24 475 97
293 000 U.S. Treasury bills due 2/28/71.....	7.05	273 557 57

*Krannert Contributions*

## Purchase:

\$240 000 Boise Cascade H&L 7 per cent notes due 6/30/76	7.00	240 000 00
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*Sinking Funds**Housing Revenue Bonds*

## Purchase:

\$421 000 U.S. Treasury bills due 3/26/70.....	5.81	419 375 13
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*Illini Union and Health Center*

## Purchases:

\$ 74 000 U.S. Treasury bills due 1/31/71.....	7.00	69 437 47
38 000 U.S. Treasury 4 per cent bonds due 8/15/71.....	6.74	36 582 50

*Union Bond and Interest (Chicago Circle)*

## Purchases:

\$193 000 U.S. Treasury bills due 3/23/70.....	5.89	192.370 02
369 000 U.S. Treasury bills due 9/30/70.....	7.05	353 157 60
560 000 U.S. Treasury bills due 9/30/70.....	6.87	540 020 80

*Women's Residence Halls of 1956*

## Purchase:

\$ 35 000 U.S. Treasury 5½ per cent notes due 8/15/74...	6.93	33 184 38
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This report was received for record.

**AMENDMENT TO AGREEMENT WITH NATIONAL DISTILLERS AND  
CHEMICAL CORPORATION FOR RENTAL OF HANGER AT  
UNIVERSITY OF ILLINOIS-WILLARD AIRPORT**

(37) The Board of Trustees in their meeting of February 24, 1960 (minutes, pages 1177-1178), approved arrangements whereby The National Distillers and Chemical Corporation, New York, New York, constructed a hanger at the University of Illinois-Willard Airport. Upon completion of the hanger, it was deeded to the University in return for which the University leased the hanger to the Corporation at a nominal rent for ten years, subject to negotiated renewal for an additional five-year period.

Under terms of the original lease dated July 1, 1960, it is now proposed to amend the Agreement by extending it for an additional five-year period, July 1, 1970, to June 30, 1975.

The terms of the original lease remain in effect, except that provision is made in the amendment to allow maintenance work by The National Distillers and Chemical Corporation personnel upon their own aircraft. In addition, the tenant is given the option to renew and extend the term of the lease for an additional five-year period commencing July 1, 1975, and extending to June 30, 1980. Rental for this subsequent term is to be negotiated at the time the option is exercised. Finally, the lease amendment provides that the University may assign parking spaces and assess reasonable fees for parking privileges.

The Vice President and Comptroller, and the Director of the Institute of Aviation, recommend approval of the renewal lease, and further recommend that the Comptroller and the Secretary of the Board be authorized to execute a lease Agreement in accordance with the terms herein described.

I concur.

On motion of Mr. Jones, these recommendations were approved.

**STANDING COMMITTEES**

The President of the Board announced that he had appointed Dr. Earl E. Walker to the following standing committees of the Board: Alumni, Chicago Departments, and Student Welfare and Activities.

**FUTURE MEETINGS**

Mr. Hughes announced that the next meeting of the Board would be held on June 17 on the Urbana-Champaign campus.

The Board agreed to change the regular dates for the July and August meetings to July 22 and August 12; and to hold these meetings on the Urbana-Champaign campus.

**RECESS**

The regular meeting of the Board was recessed and the President of the Board stated that 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 meeting, to consider reports and recommendations relating to patentable inventions, acquisition of property and personnel items.

**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 the afternoon session were present.

The Board considered the following report and recommendations.

**REPORT OF THE CONSULTATIVE COMMITTEE TO ASSIST  
IN THE SELECTION OF A PRESIDENT**

At the request of the Board, Professor Victor Stone, Chairman of the Consultative Committee to Assist in the Selection of a President, presented a brief status report on the work of the Committee and its plans for the future. It was agreed that a joint meeting of the Trustees and the Committee would be held in connection with the June Board meeting.

**RECOMMENDATION OF THE UNIVERSITY PATENT COMMITTEE**

(38) The University Patent Committee, with the concurrence of the Chairman of the University Research Board, submits the following report and recommendation relating to a patentable invention by members of the staff.

Therapeutic resistive headgear — Larry E. Foster, Graduate Teaching Assistant in Physical Education, Urbana, Eugene L. Bothun, Graduate Teaching Assistant in Industrial Design, Urbana, Diane Damos, Student in Psychology, Urbana, and Charles Schaidle, Student in Mechanical and Industrial Engineering, Urbana, inventors. The therapeutic resistive headgear is composed of four basic parts: (1) the main headgear, that which sits upon the head, (2) the neck harness, which secures the main headgear in place, (3) the outer ring, which supports the weight, and (4) the inner ring, which rides within the outer ring to allow changing of position of the weight. The primary uses for the resistive headgear would be a device to rehabilitate neck injuries, to develop strength of the neck muscles to prevent neck injuries as in contact sports, and to maintain a level of strength (e.g., a whip-lash victim).

The Committee recommends that, because such devices have a limited market, the rights of the University in this invention be released to the inventors.

On motion of Mr. Stone, this recommendation was approved.

**ACQUISITION OF PROPERTIES, URBANA**

(39) The FY 1970 Capital Program approved by the Seventy-sixth General Assembly included \$1,027,173 for land acquisition at Urbana to repay the University of Illinois Foundation. In anticipation of the release of this money, the Board of Trustees on July 23, 1969, approved the acquisition of title to eighteen parcels of property from the Foundation in the amount of \$886,350, subject to the release of funds by the Governor. The money has not been released, but it is anticipated that it will be in the near future, leaving a balance of \$140,823 in uncommitted funds.

On September 20, 1967, the Board approved the use of \$411,685 from Urbana Contract Research Reserve for the acquisition of land. Appropriations totaling \$391,515 have been made, leaving a balance of \$20,170.

The Foundation finances the acquisition of property through borrowing from The First National Bank of Chicago. In accordance with the commitment to the Bank, it is desirable to reduce the amount of borrowing as much as possible at this time.

Accordingly, the President of the University, with the concurrence of appropriate administrative officers, recommends that \$20,170 be appropriated from the Urbana-Champaign Contract Research Reserve and that title to the following properties be acquired from the Foundation, subject to the release of those funds which are yet unreleased at the prices indicated plus miscellaneous costs incurred in the acquisition of the properties:

301 South Wright Street, Champaign.....	\$ 21 500
907-909 West California Avenue, Urbana.....	73 063 <sup>1</sup>

<sup>1</sup> The original purchase price for these properties was \$125,000. However, the property at 909 West California Avenue was destroyed by fire, for which the University received an insurance settlement of \$51,937 which the Foundation will apply toward the loan, thus reducing it to \$73,063.

101 South Gregory, Urbana.....	22 500
602 East John Street, Champaign.....	25 480
605 South Lincoln Avenue, Urbana.....	25 000
605 East White Street, Champaign.....	21 800
607 East White Street, Champaign.....	17 000
	<u>\$206 343</u>

The remaining funds are available in state capital appropriations to the University for 1967-69, which have been released by the Governor.

On motion of Mr. Clement, these recommendations were approved by the following vote: Aye, Mr. Clement, Mr. Hahn, Mr. Hughes, Mr. Jones, Mr. Stone, Dr. Walker; no, none; absent, Mr. Grimes, Governor Ogilvie, Mr. Page, Mr. Steger, Mr. Swain.

#### SECRETARY'S REPORT

The Secretary presented for record appointments to the faculty made by the President; resignations; declinations of summer quarter and declinations and resignations of summer session appointments; and leaves of absence. A copy of the report is filed with the Secretary.

On motion of Mr. Clement, the Board adjourned.

EARL W. PORTER  
*Secretary*

EARL M. HUGHES  
*President*

**MEETING OF THE BOARD OF TRUSTEES**  
**OF THE**  
**UNIVERSITY OF ILLINOIS**

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**June 17, 1970**



The June meeting of The Board of Trustees of the University of Illinois was held in the Faculty Lounge, Illini Union, Urbana, Illinois, on Wednesday, June 17, 1970, beginning at 9:30 a.m.

President Earl M. Hughes called the meeting to order and asked the Secretary to call the roll. The following members of the Board were present: Mr. Howard W. Clement, Mr. Ralph C. Hahn, Mr. Earl M. Hughes, Mr. Russell W. Steger, Mr. Timothy W. Swain, Dr. Earl E. Walker. Mr. Donald R. Grimes, Mr. Theodore A. Jones, Governor Richard B. Ogilvie, Mr. Ray Page, and Mr. W. Clement Stone were absent.

Also present were President David D. Henry; Executive Vice President and Provost Lyle H. Lanier; Chancellor J. W. Peltason, Urbana-Champaign campus; Chancellor Joseph S. Begando, Medical Center campus; Chancellor Norman A. Parker, Chicago Circle campus; Dr. Eldon Johnson, Vice President of the University; Mr. Vernon L. Kretschmer, Associate Director of Physical Plant Planning and Construction; Mr. C. E. Flynn, Assistant to the President and University Director of Public Information; Mr. John W. Metzger, Associate University Counsel; Mr. George H. Bargh, Executive Assistant to the President; and the officers of the Board, Mr. H. O. Farber, Comptroller; Mr. R. R. Manchester, Treasurer; and Dr. Earl W. Porter, Secretary.



**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.

**ILLINOIS EQUAL OPPORTUNITY LAW FELLOWSHIP PROGRAM**

President Henry called attention to the Illinois Equal Opportunity Law Fellowship Program which will enable disadvantaged students to study law at the University of Illinois under the plan developed in cooperation with Trustee Stone.<sup>1</sup> Banks in Chicago and Urbana-Champaign are collaborating with the W. Clement and Jesse V. Stone Foundation of Chicago in providing funding and loans for the program which will begin in September, 1970. The Foundation will provide up to \$500,000 for the program, while the participating banks will arrange for approximately \$1,000,000 in federally guaranteed student loans.

**PROPOSAL FOR FALL ELECTION RECESS**

(1) President Henry presented a proposal of the Urbana-Champaign Senate that the academic calendar at Urbana be modified in the fall of 1970 to provide "an election recess" of seven and one-half calendar days.

The Undergraduate Student Association had asked to make a presentation on this subject on an emergency basis and Mr. Hughes recognized Miss Cathy Morrison who spoke briefly in support of the Senate proposal.

Chancellor Peltason presented a statement outlining the arguments for and against the proposal and Professor Marion Benfield, Chairman of the Senate Committee on the Academic Calendar, spoke in support of the recess and answered questions during the course of the discussion. President Henry then presented a memorandum in which he analyzed the proposal and recommended that the Board of Trustees not approve it. (The memoranda from the President and Chancellor and an excerpt from the minutes of the Urbana-Champaign Senate pertaining to this proposal are presented below.)

During the discussion, the Board approved a request to address the Board from a member of the Ad Hoc Committee of Student Observers, Mr. John Adler. Mr. Adler spoke in support of the proposal and to the points raised by the President in his statement.

On motion of Mr. Swain, the Trustees approved the recommendation of the President — that the proposal not be approved.

June 17, 1970

**TO THE MEMBERS OF THE BOARD OF TRUSTEES:**

I bring to your attention, with the knowledge of the University Senates' Conference, an action of the Urbana-Champaign Faculty Senate which proposes an "election recess" from October 28, 1970, to November 4, 1970. A statement from Chancellor J. W. Peltason is attached.

Over the years, through courses in political science and government, through sponsorship of the Citizenship Clearing House, the legislative internship program and in other ways, faculty members, officers, and departments of the University have stressed the importance of broad citizen participation in the affairs of government, including the election process. Many faculty members have served local, state, and national government agencies as advisers and some have stood for election.

It is a natural and timely corollary of this historic position that in a period

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<sup>1</sup>See minutes, Board Meeting of December 17, 1969, page 729.

of intense interest in public issues on the part of young people, consideration should be given to modifying the University calendar to provide a recess in the preelection period (without significantly altering the total number of school days) just as other recesses have been scheduled chiefly to accommodate the personal interests of large numbers of students when no educational objections have been interposed (Christmas and Easter, for example).

There must be a clear distinction, however, between personal accommodation and institutional policy. The interest of some individuals to be involved in political activity should not be translated into a general institutional arrangement for that purpose, which is imposed upon the entire community, unless the action meets certain conditions outlined below.

I do not endorse the resolution of the Urbana-Champaign Senate for the following reasons:

The action is hastily formulated in the context of institutional mobilization of political activity rather than based upon a systematic measurement of the preferences of the vast majority of students, faculty and staff as to their yielding holidays at Thanksgiving and Christmas in exchange for the October-November period. When the calendar at a major institution is altered, many lives and conveniences are affected. The earliest a complete canvass of students could be conducted would be at the September registration. At that point, a change, even if favored, would be too abrupt to avoid disruption of student and family plans and commitments, employment schedules, and carefully balanced finances for economically disadvantaged students.

Furthermore, there is insufficient time to rearrange contractual obligations affecting employees as well as students. This applies to residence halls, food service, building supervision and other services, and to student finances.

I would have no objection to a calendar recess at the time of year proposed if there were adequate time for planning, if the large majority of students favor it and the objections by those who may not favor it are carefully considered, if the institutional costs are fully analyzed and budgeted and if the action is framed in such a way and at such a time as to avoid any implication of corporate political action or any appearance of institutional support or opposition to any election issue.

For the forthcoming election, I would urge those students, faculty, and staff who wish to be involved in preelection activity to do so as individuals.

I recommend that the Board of Trustees not approve the action proposed by the Urbana-Champaign Faculty Senate as described in this report.

DAVID D. HENRY  
*President*

Attachments

June 15, 1970

PRESIDENT DAVID D. HENRY  
364 Administration Building

At the June 1 meeting of the Champaign-Urbana Senate, the Senate Committee on Academic Calendar proposed a fall recess of seven and one-half calendar days from Wednesday, October 28, to 1:00 p.m. on Wednesday, November 4, 1970. The Senate has recommended approval of that proposal.

Due to the fact that the proposed recess would interrupt schedules already established for Semester I, 1970-71, I am taking the liberty of forwarding this proposal for your consideration in advance of other June 1 Senate business in order that you may consider it at an early date.

The proposal for a fall recess falls within the historic tradition of arranging academic calendars in general accord with the broad expression of student desires and needs. The Academic Calendar Committee acted to recommend this recess in response to a petition signed by more than 4,000 students, and after receiving recommendations for the recess from a large number of recognized student campus organizations of all types, including the Graduate Student Association and the Undergraduate Student Association. As you know, the spring term already has a vacation of comparable length; the proposed fall recess would act somewhat to balance the fall and spring academic schedules by providing a somewhat comparable break from classes in the earlier semester.

The recess itself has been constructed in such a way that there appears to be no major educational disadvantage to its existence. The original number of academic days scheduled for the fall term is to be reduced by only one and one-half days, the other fall recess days being taken from already-scheduled recesses (Thanksgiving and Christmas).

In spite of the above arguments on behalf of the proposed fall recess, several comments regarding the undesirability of the recess are in order. It is our understanding that the student petition was generated by a laudable desire to become involved in the established political processes immediately preceding fall elections; there is, however, some genuine question as to the desirability of official recognition by the University of political activity—in this way or in any other. It may be argued that there are already mechanisms available to students who wish to become involved in the election process, which mechanisms provide for periods of absence for such activity, with accompanying consideration for academic credit as independent study or some similar arrangement. While the petition generating this proposal was indeed signed by a large number of students, there remains considerable doubt as to the extent this petition is generally reflective of student consensus; it seems clear that some sampling procedure might better provide us with the type of student attitudes which should be considered in this matter.

Finally, there is question of the nature of the campus atmosphere in which this petition was prepared. During the month of May (at the time petition signatures were being secured), the level of emotion on this campus was high; although many members of the academic community became deeply involved during that month with the political issues generating much of that emotion, the desirability of altering the fall semester schedule as a result of a document generated during those days seems open to some question.

In view of the points raised in the above discussion, Chancellor Peltason feels that he must forward this recommendation of the Senate to you without his unequivocal concurrence. While the points noted in favor of the proposal argue rather strongly for its adoption, the arguments marshalled against the fall recess seem equally strong. Therefore, the Chancellor has asked that I send this proposal to you without specific recommendation for adoption or disapproval.

DAYTON S. PICKETT  
*Assistant Vice Chancellor  
for Academic Affairs*

#### **Excerpt from Minutes, Urbana-Champaign Senate, June 3, 1970**

Professor Marion Benfield, Chairman, Urbana-Champaign Senate Committee on Academic Calendar, moved that the Senate adopt a modified calendar for the Fall Semester of 1970-71 to provide an election recess of seven and one-half calendar days, from Wednesday, October 28, 1970, to 1:00 p.m. on Wednesday, November 4, 1970.

Professor Benfield stated that the Committee believed that students should be encouraged to organize their efforts and work within the political structure. He said it was agreed that the most appropriate way to register disagreement with political policies was to work for and elect other representatives. He stated that this action would not mean that the University was taking a political stand. The only thing it does is to encourage students to involve themselves in the political process.

Professor Benfield said that the recess could be kept within the scheduling range by shortening the Thanksgiving vacation by one and one-half days and the Christmas vacation by two and one-half days.

Professor J. S. Dobrovolsky spoke against the motion. He said the time for the recess would do nothing to strengthen the election. He stated that preparations for elections in the fall would begin in the summer and that to begin campaigning the last seven days before the election would be ineffective.

Several persons spoke in the favor of the proposal.

A substitute motion was made that the Senate poll all the students and find out what the majority of students want to do. The motion was seconded.

Professor Benfield replied that the Committee had received a petition signed

by 4,000 students requesting the Committee to consider the election recess.<sup>1</sup> The Committee had also received requests from several other student organizations.

Professor Robert Eubanks spoke against the substitute motion. He said that he believed the issue should be met now and that he did not believe it was feasible to poll students at this time.

The question was called and upon vote the substitute motion was defeated.

A hand vote was then taken on the main motion which passed by a vote of 102 to 90.

#### STATEMENT FROM THE "FACULTY FOR RESISTANCE — POLITICAL SCIENCE"

(2) The President of the University presented the following memorandum to the Trustees on this subject which he asked be read aloud at the meeting.

June 17, 1970

TO THE MEMBERS OF THE BOARD OF TRUSTEES:

Members of the Board of Trustees have requested information concerning a mimeographed circular, entitled Faculty for Resistance, Political Science Section, and signed by fifteen members of the Department of Political Science at the Urbana-Champaign campus. A copy of the circular is attached. (Editor's note: The memorandum is printed below.) The memorandum, undated, came to my attention in early May and has been the subject of a number of news reports and editorials since that time.

The following points are drawn from letters and reports supplied by the office of Chancellor J. W. Peltason:

1. Professor Phillip Monypenny, Head of the Department, promptly on the appearance of the circular "rebuked the pretenses and inferences of this document" to the members of the group and expressed "doubts about its tone and content." He also made clear that "all new courses must be approved by the Department, the L.A.S. College, and the Campus Senate. Changes in established courses should come after reflection, consultation, and approval." He further indicated that in relating the context of courses to current problems and crises indoctrination should not be substituted "for efforts to encourage thought."

2. On May 21, Dean Robert W. Rogers asked Professor Monypenny for a report on the matter indicating he did so because what was suggested in the document "is so inconsistent with the proper responsibilities and obligations of faculty members."

3. The response by Professor Monypenny indicated that the discussions sponsored by the signers of the circular were related to the issues raised in the period of campus protest in early May and that regular classes and topics were resumed in the last two weeks of the semester. He added, "The permanent members of the department whose names appear on the list are among the most conscientious teachers and scholars we have, and they will not lend themselves to any adulteration of the content of their courses or to any abuse of the classroom as a forum for influencing student opinion rather than for providing an opportunity to learn and think."

4. Dean Rogers wrote to Chancellor Peltason on June 11, 1970, as follows:

"After consultation with the Executive Committee of the College, I write concerning the memorandum of the 'Political Science Section' of the group that styles itself 'Faculty for Resistance.' We considered the memorandum along with subsequent statements by Professor Monypenny; and we believe that several points should be made:

1. The original memorandum which was undated was issued on either Tuesday or Wednesday, May 5 or May 6, at the time efforts were being mounted to establish the protest action that was labelled a 'strike.' On May 7, as soon as the original document was called to his attention, Professor Monypenny sent to the Faculty of his Department a statement regarding the document itself and reminding the Faculty of the limits of their responsibilities. This

<sup>1</sup> A letter from the sponsors of the petition was presented to the Trustees at the meeting on June 17, 1970.

document, in our view, is a clear, straight-forward statement of the obligation to separate instruction and advocacy.

2. After the week of May 11, the regular classes were resumed by all members of the Political Science faculty, as Professor Monypenny stated in his letter of June 4; and the topics covered in these courses were those pertaining to the announced subject of the courses.

3. We are confident that courses taught by members of the department in the fall will be taught in the spirit of Professor Monypenny's statement to his colleagues of May 7, that indoctrination is '... a form of political repression which should have no place in a department ...'

"Along with Professor Monypenny I find the revolutionary rhetoric employed in the original memorandum inconsistent with the spirit of objectivity and dispassionate inquiry that should characterize a university. The fact that it is a species of inflammatory discourse all too common among faculty and students on university campuses doesn't make it more acceptable. It is particularly unfortunate when it serves, as in this case, only to increase hostility to higher education on the part of those who assume that educated men will say only what they mean."

5. Chancellor J. W. Peltason has endorsed this letter and has asked Dean Rogers to send a copy to each person who signed the original document. Further, he indicates that "this matter will receive our continuing attention."

DAVID D. HENRY  
*President*

Following discussion and general expressions of disapproval of the statement on the "Faculty for Resistance," the Trustees received the report, and, on motion of Mr. Swain, requested the administration to seek written retractions of the statement from the signatories by the next meeting of the Board of Trustees.

#### **Faculty for Resistance Political Science Section**

The lesson of recent political events is now obvious. Official actions of established authorities, revealed by the constantly expanding slaughter in Vietnam and Cambodia, the systematic elimination of black militants in the United States, the murder of four students and the wounding of many more by the National Guard at Kent State University, and the shattered body of Mr. Edgar Houltz in our own community, have delivered a message which is clear, present, and very dangerous. The most important political phenomena for Americans today are the war in Southeast Asia, official racism at home and abroad, and the rapidly rising level of repression in the domestic political arena.

At the outset official repression took relatively mild forms. Political dissent at the 1968 Democratic National Convention was met by police clubs and tear-gas. Yesterday, four young protestors were silenced by a barrage of bullets. And, the President of the United States, whose policies and political associates have raised the level of repression to its present heights, has the unmitigated gall to pretend to extend condolences to the parents of the slain students while indicating that dissent, rather than his own vicious policies, was the culprit.

It is very clear that things are not going to stop at these recent events. A President who considers campus protestors to be "bums," as well as a local police chief who supports the use of "dum-dum" bullets, have made political dissent in the United States an extremely dangerous activity. And under these repressive conditions, protest must pass over to resistance.

As professional political scientists, we believe that the right of open and effective dissent must be protected at all costs. Therefore, we have agreed to orient all of our courses to the problem of political repression and resistance to the abuses of official authority. By rotating ourselves through each others classes in order to provide technical assistance to students seeking to protect themselves against the

encroachments of a criminal regime, we hope to intellectually arm a resistance force which is the only possible hope for overcoming our present societal madness.

ROBERT BYARS  
BERNICE CARROLL  
STEPHEN COHEN  
FRED COOMBS  
STEPHEN DOUGLAS  
BELDEN FIELDS  
LOUIS GOLD  
DIANNE GOTTHEIL  
J. TERRY IVERSEN  
PHILIP MERANTO  
STUART S. NAGEL  
MICHAEL PARENTI  
SUSAN RIGDON  
JO ANN WATSON  
GEORGE T. YU

The Graduate Students in Political Science have voted to support this statement.

#### MEMORIAL TO HOMER J. LIVINGSTON

Mr. Clement presented the following:

The members of the Board of Trustees note with sadness the death of Homer J. Livingston on May 9, 1970. At the time of his death, he was chairman of the Executive Committee of the First National Bank of Chicago.

Mr. Livingston's achievements in banking, civic and business affairs are well known to us all. In addition to his long service as President of the First National Bank, he served as a member of the National Bankruptcy Conference, as member and President of the Federal Advisory Council of the Board of Governors of the Federal Reserve System, and as President of the American Bankers Association and the Association of Reserve City Bankers.

In recognition of his many services to the University, including membership on the Illini Union Fund Committee which was instrumental in the construction of the Medical Center Illini Union and Student Resident Hall, this Board conferred a Trustee's citation on him in December, 1968.

Today, we reaffirm our appreciation of his services as a valued counselor and friend of the University and we express our deep sense of loss to his many friends and to his family.

At the conclusion of the reading of the memorial, all present stood in silent tribute. The memorial was adopted and ordered spread on the minutes.

#### AWARD OF CERTIFIED PUBLIC ACCOUNTANT CERTIFICATES

(3) 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 Certificate Was Obtained</i>
EDMUND ALDO AMBROGI	Wilmette, Illinois	New York
ROBERT DONALD COOK	Barrington, Illinois	Maryland
DWAYNE EDWIN ENNIS	Berwyn, Illinois	Indiana
JOHN LANE PECK	Paducah, Kentucky	Texas
JAMES LEONARD ROACH	Evansville, Indiana	Indiana
ARTHUR CLIFTON RHYNE	Wilmette, Illinois	Louisiana

I concur.

On motion of Mr. Steger, these certificates were awarded.

**APPOINTMENTS TO THE UNIVERSITY OF ILLINOIS  
CITIZENS COMMITTEE**

(4) I submit the following nominations for appointments to the University of Illinois Citizens Committee for a period of three years ending January 1, 1973.

DAN W. BANNISTER, President, Horace Mann Educators, 216 East Monroe, Springfield, Illinois 62701

EDWARD F. BLETNER, Vice Chairman of the Board, The First National Bank of Chicago, One First National Plaza, Chicago, Illinois 60670

WILLARD BUNN, JR., President, Springfield Marine Bank, 114 South Sixth Street, Springfield, Illinois 62701

HAROLD E. COUNCIL, Farmer, Rural Route 4, Princeton, Illinois 61356

RAYMOND M. DEFOSSEZ, Vice President and General Counsel, CNA Financial Corporation, 310 South Michigan Avenue, Chicago, Illinois 60604

LARRY ELLIOTT, Farmer, Rural Route 2, Sheffield, Illinois 61361

PARKER S. GATES, Chairman of the Board, Gates Radio Company, Second and Hampshire Streets, Quincy, Illinois 62301

NEIL R. GAZEL, Director of Public Relations, Beatrice Foods Co., 120 South LaSalle Street, Chicago, Illinois 60603

MARTIN HEPNER, Farmer, Rural Route 3, Kewanee, Illinois 61443

ORSON P. HILL, Farmer, Creston, Illinois 60113

RUSSEL W. JOST, Physician and Surgeon, 107 East Fourth Street, Waterloo, Illinois 62298

HARRY ADRIAN LANSMAN, Executive Vice President, Kemper Insurance, 320 Hastings Road, Highland Park, Illinois 60035

LANNING MACFARLAND, JR., President, Law Bulletin Publishing Company, 34 North LaSalle Street, Chicago, Illinois 60602

MRS. RALPH C. MORGAN, Homemaker, Rural Route 2, Rossville, Illinois 60963

ROBERT B. LAMKIN, Farmer, Watson, Illinois 62473

JACOB B. NAUMER, President, DuQuoin Packing Company, P.O. Box 186, East Cole Street, DuQuoin, Illinois 62832

JOHN E. PLESKO, General Manager, DAILY LEADER, 318 North Main Street, Pontiac, Illinois 61764

ROBERT V. PRATHER, Business Executive, General International Corporation, 1019 South Sixth Street, Springfield, Illinois 62703

HENRY REGNERY, Chairman of the Board, Henry Regnery Co., 114 West Illinois Street, Chicago, Illinois 60610

G. WALLACE RICH, President, The First National Bank of Cobden, Cobden, Illinois 62920

GLENN C. RITTENHOUSE, Sales Manager, Rittenhouse, Inc., 119 North Sixth Street, Petersburg, Illinois 62675

JAMES R. ROHM, Sales Manager, United Air Lines, 310 South Michigan Avenue, Chicago, Illinois 60604

WILLIAM C. ROWLAND, President, General Telephone Company of Illinois, 1312 East Empire Street, Bloomington, Illinois 61701

RALPH SALZMAN, Farmer, Ashton, Illinois 61006

DAVID C. SCHIVER, Farmer, Rural Route 1, Casey, Illinois 62420

D. G. SCHUMACHER, Editor, *Champaign-Urbana Courier*, 111 North Race Street, Urbana, Illinois 61801

LELAND SHAFER, Retired, P.O. Box 116, Thebes, Illinois 62990

FRANK M. SHAPPERT, President, Shappert Engineering Co., Blaine and Menominee Streets, Belvidere, Illinois 61008

ELMER E. SMITH, President, Second National Bank, 27 Vermilion Street, Danville, Illinois 61832

NEIL P. STEWART, President and General Manager, Stewart Truck and Equipment Co., 1204 South Galena Avenue, Dixon, Illinois 61021

HARVEYLOUIS STUMPF, Farmer, Route 1, Valmeyer, Illinois 62295

PETER A. TOMEI, Attorney, Isham, Lincoln and Beale, One First National Plaza, Chicago, Illinois 60670

WILLIAM R. WATSON, Assistant Factory Manager, Steel Fabrication Division, Caterpillar Tractor Company, 600 West Washington Street, East Peoria, Illinois 61611

LLOYD WENDT, Editor and Publisher, *Chicago Today*, 441 North Michigan Avenue, Chicago, Illinois 60611

On motion of Mr. Swain, these appointments were approved.

**ADVISORY COUNCIL OF LIBRARIANS, GRADUATE SCHOOL  
OF LIBRARY SCIENCE, URBANA**

(5) The Dean of Library Administration recommends the following appointments to the Advisory Council of Librarians for terms of three years beginning September 1, 1970.

*Public Libraries*

HENRY R. MEISELS, Director, Corn Belt Library System, Bloomington, to succeed Miss Gertrude E. Gscheidle, Librarian, Chicago Public Library, Chicago, whose term is expiring.

(The other representative of Public Libraries is Lester L. Stoffel, Executive Director, Suburban Library System, Western Springs, whose term will expire in 1971.)

*College and University Libraries*

SHERMAN ZELINSKY, Dean of Library Services, Danville Junior College, Danville, to succeed Robert M. Lightfoot, Jr., Director, Cullom-Davis Library, Bradley University, Peoria, whose term is expiring.

(The other representative of College and University Libraries is Clyde C. Walton, Director of University Libraries, Northern Illinois University, DeKalb whose term will expire in 1971.)

*School Libraries*

MRS. MARGARET DEES, Coordinator of Libraries, Urbana Community Schools, Urbana, to succeed Miss Maxine Stevenson, Director of Library Services, Alton Community Unit School District No. 11, Alton, whose term is expiring.

(The other representative of School Libraries is Miss Mary Ann Swanson, Head Librarian, Evanston Township High School, Evanston, whose term will expire in 1971.)

*Special Libraries*

MRS. ANN M. SEIDMAN, Technical Librarian, Research Library, A. E. Staley Manufacturing Company, Decatur, to succeed Mrs. Charlotte L. Anderson, Librarian, Deere and Co., Moline, whose term is expiring.

(The other representative of Special Libraries is Miss Ruth Nielander, Librarian, Lumbermens Mutual Casualty Co., Mutual Insurance Building, Chicago, whose term will expire in 1971.)

I concur.

On motion of Dr. Walker, these appointments were approved.

**APPOINTMENTS TO THE FACULTY**

(6) 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; F— one-year appointment ending other than August 31; G— special tenure; Q— initial term appointment for a Professor or Associate Professor; T— terminal appointment, accompanied with or preceded by notice of non-reappointment; W— one-year appointment subject to special written agreement; Y— twelve months' service required instead of two semesters; X— percentages opposite X are for the academic year; full-time summer service is indicated by "S"; 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. EDWARD P. FRIEDMAN, Assistant Dean of Liberal Arts and Sciences, on 50 per cent time, and Assistant Professor of Sociology, on 50 per cent time, beginning September 1, 1970 (D,1), at an annual salary of \$13,000.
2. PAUL E. HOCKINGS, Assistant Professor of Anthropology, beginning September 1, 1970 (4), at an annual salary of \$12,000.
3. DAVID CALHOUN LEEGE, Associate Professor of Political Science, beginning September 1, 1970 (A), at an annual salary of \$18,000.
4. GUENTHER TETZ, Assistant Professor of Art, beginning September 1, 1970 (3), at an annual salary of \$11,500.

**Medical Center**

5. CONWELL H. ANDERSON, Assistant Professor of Anatomy, School of Basic Medical Sciences, College of Medicine, beginning September 1, 1970 (1Y), at an annual salary of \$14,000.
6. JOHN ALEX BOSWICK, JR., Professor of Surgery, College of Medicine, on one-fourth time, beginning January 1, 1970 (PY25), at an annual salary of \$5,000.

**Urbana-Champaign**

7. ROBERT H. ENNIS, Professor of Philosophy of Education, beginning September 1, 1970 (A), at an annual salary of \$25,000.
8. LAWRENCE E. JONES, Assistant Professor of Psychology, beginning September 1, 1970 (1), at an annual salary of \$12,000.
9. JORDAN KONISKY, Assistant Professor of Microbiology, beginning September 1, 1970 (1), at an annual salary of \$13,000.
10. PATRICK R. LAUGHLIN, Associate Professor of Psychology, beginning September 1, 1970 (A), at an annual salary of \$15,500.
11. WILMA S. LONGSTREET, Assistant Professor of Secondary and Continuing Education, for the academic year 1970-71 (W), at an annual salary of \$12,000.
12. THOMAS F. MCGUIRE, Assistant Professor, Police Training Institute, Division of University Extension, for the period from June 1, 1970, through August 31, 1970 (G), at an annual salary of \$14,800.
13. L. DANIEL METZ, Assistant Professor of General Engineering, beginning September 1, 1970 (1), at an annual salary of \$11,500.
14. JACK B. MOLDEN, Associate Professor, Police Training Institute, Division of University Extension, beginning June 15, 1970 (QY), at an annual salary of \$15,850.
15. THOMAS W. O'ROURKE, Assistant Professor of Health Education, Department of Health and Safety Education, beginning September 1, 1970 (1), at an annual salary of \$12,000.
16. ROLAND LUTHER RUHL, Assistant Professor of General Engineering, beginning September 1, 1970 (1), at an annual salary of \$12,000.
17. FREDERICK A. SCHLIPF, Assistant Professor of Library Science, Graduate School of Library Science, beginning September 1, 1970 (1), at an annual salary of \$13,000.
18. DAVID SEIGLER, Assistant Professor of Botany, beginning September 1, 1970 (1), at an annual salary of \$11,500.
19. PETER SHAW, Assistant Professor of Psychology, beginning September 1, 1970 (1), at an annual salary of \$11,400.
20. JACK E. THOMAS, Associate Dean with rank of Assistant Professor, College of Education, beginning July 1, 1970 (DY,1Y), at an annual salary of \$18,000.
21. CONSTANTINE TRAHOTIS, Assistant Professor of Psychology, beginning September 1, 1970 (1), at an annual salary of \$11,500.
22. MERLIN C. WITTROCK, Professor of Educational Psychology, beginning September 1, 1970 (A), at an annual salary of \$21,000.
23. THEODORE ZERNICH, JR., Assistant Professor of Art, beginning September 1, 1970 (1), at an annual salary of \$14,000.

**Visiting Staff**

24. RICHARD A. BROWN, Visiting Assistant Professor of Psychology, Chicago Circle, on two-thirds time, for the spring quarter 1969-70 (E67), at a salary of \$2,000.

25. KEVIN W. HINCE, Visiting Professor in the Institute of Labor and Industrial Relations, Urbana, for the period from July 1, 1970, through August 31, 1970 (DY), at a salary of \$2,500.
26. CHIA-WEI WOO, Visiting Associate Professor of Physics, Urbana, for the academic year 1970-71 (D), at a salary of \$16,000.

#### Administrative Appointment

27. DONALD C. NEVILLE, Campus Director of Planning and Construction, Medical Center, beginning September 1, 1970 (DY), at an annual salary of \$22,000.  
On motion of Dr. Walker, these appointments were confirmed.

#### HEADSHIP OF THE DEPARTMENT OF SPANISH, ITALIAN, AND PORTUGUESE, CHICAGO CIRCLE

(7) The Dean of the College of Liberal Arts and Sciences, Chicago Circle, has recommended to the Chancellor at the Chicago Circle campus the appointment of Dr. Brian Dutton, presently Professor of Spanish, University of Georgia, Athens, Georgia, as Professor of Spanish on indefinite tenure and Head of the Department of Spanish, Italian, and Portuguese, beginning August 16, 1970, on an academic year service basis at an annual salary of \$24,000.

Professor Audrey Kouvel has been Acting Head of the Department since September 1, 1969.

The nomination of Professor Dutton is supported by the Consultative Committee for the Headship of the Department<sup>1</sup> and by the faculty of the Department of Spanish, Italian, and Portuguese. The Chancellor and the Dean of the Graduate College approve the recommendation. The Executive Vice President and Provost concurs.

I recommend approval.

On motion of Mr. Hahn, this appointment was approved.

#### HEADSHIP OF THE DEPARTMENT OF PHYSICS, URBANA

(8) The Dean of the College of Engineering has recommended to the Chancellor at Urbana-Champaign the appointment of Dr. Ralph O. Simmons, presently Professor of Physics, as Professor on indefinite tenure and Head of the Department of Physics beginning September 1, 1970, on an academic year service basis, at an annual salary of \$26,500.

The appointment of Professor Simmons will fill the vacancy which will be created by the retirement of Professor Gerald M. Almy.

The nomination of Dr. Simmons is made with the advice of a search committee<sup>2</sup> and after consultation with members of the faculty of the Department of Physics and the Executive Committee of the College of Engineering. The nomination is supported by the Dean of the Graduate College. The Chancellor at Urbana-Champaign has approved the recommendation. The Executive Vice President and Provost concurs.

I recommend approval.

On motion of Mr. Swain, this appointment was approved.

Professor Gerald M. Almy, the retiring Head of the Department of Physics, was in attendance in his capacity as Vice Chairman of the Urbana Senate Council. President Henry took note of his presence in the room and asked that he stand and be recognized.

<sup>1</sup>Audrey Kouvel, Professor of Spanish and Acting Head of the Department of Spanish, Italian, and Portuguese, Chicago Circle, *Chairman*; James Compton, Assistant Professor of Spanish, Chicago Circle; Lee Jennings, Professor of German, Chicago Circle; Anthony Pasquariello, Professor of Spanish and Head of the Department of Spanish, Italian, and Portuguese, Urbana; John Wolf, Professor of History and Associate in the Center for Advanced Study, Chicago Circle.

<sup>2</sup>Harry G. Drickamer, Professor of Chemical Engineering in the College of Liberal Arts and Sciences, the College of Engineering, and in the Center for Advanced Study, *Chairman*; John Bardeen, Professor of Electrical Engineering and Physics and in the Center for Advanced Study; William J. Hall, Professor of Civil Engineering; Dillon E. Mapother, Professor of Physics; Thomas A. O'Halloran, Jr., Associate Professor of Physics; Charles P. Slichter, Professor of Physics and in the Center for Advanced Study; Jeremiah D. Sullivan, Associate Professor of Physics; Albert Wattenberg, Research Professor of Physics.

### HEADSHIP OF THE DEPARTMENT OF FIXED PARTIAL PROSTHODONTICS, MEDICAL CENTER

(9) The Dean of the College of Dentistry has recommended to the Chancellor at the Medical Center campus the appointment of Dr. Valdemars Janis Jekkals, presently Assistant Professor of Fixed Partial Prosthodontics at the University of Pennsylvania, as Associate Professor of Fixed Partial Prosthodontics on indefinite tenure, and Head of the Department, beginning July 1, 1970, on a twelve months' service basis, at an annual salary of \$23,500.

This appointment is to succeed Dr. Fred N. Bazola, who retired effective April 1, 1968.

This nomination of Dr. Jekkals is made with the advice of a search committee<sup>1</sup> and after consultation with all members of the faculty of the Department of Fixed Partial Prosthodontics of the rank of assistant professor and above. The nomination is supported by the Dean of the Graduate College. The Chancellor at the Medical Center approves the recommendation. The Executive Vice President and Provost concurs.

I recommend approval.

On motion of Dr. Walker, this appointment was approved.

### ESTABLISHMENT OF THE PEORIA SCHOOL OF MEDICINE WITHIN THE COLLEGE OF MEDICINE, MEDICAL CENTER, AND APPOINTMENT OF A DEAN

(10) The plan for the reorganization of the College of Medicine, approved by the Board of Trustees on July 23, 1969, and endorsed by the Board of Higher Education on November 4, 1969, authorizes the establishment of semi-autonomous schools within the College of Medicine, each with its own dean. The first such school—The Abraham Lincoln School of Medicine—was established on January 1, 1970, by action of the Board of Trustees on December 17, 1969.

As a further step in the implementation of the plan of reorganization, the Executive Dean of the College of Medicine, with the concurrence of the Chancellor at the Medical Center, has recommended that another semi-autonomous school be established at Peoria, Illinois, as of July 1, 1970, and that it be named the Peoria School of Medicine, College of Medicine, University of Illinois.

The Executive Dean of the College, with the concurrence of the Chancellor, recommends the appointment of Dr. Nicholas J. Cotsonas, Jr., presently Professor of Medicine in The Abraham Lincoln School of Medicine on indefinite tenure, as Professor of Medicine, Peoria School of Medicine on indefinite tenure and Dean of the Peoria School of Medicine beginning July 1, 1970, on a twelve months' service basis, at an annual salary of \$45,000.

The nomination of Dr. Cotsonas is made with the advice of a search committee<sup>2</sup> comprised of representatives from the faculty of The Abraham Lincoln School of Medicine and the community of Peoria.

The Executive Vice President and Provost concurs in these recommendations. I recommend approval.

On motion of Mr. Swain, establishment of this school was authorized and the appointment was approved.

### ESTABLISHMENT OF DEPARTMENTS OF FAMILY PRACTICE, MEDICAL CENTER

(11) The Medical Center Senate has approved a recommendation from the College of Medicine for the establishment of Departments of Family Practice within the clinical schools of the College of Medicine as appropriate.

Public Act 76-1942 requires the teaching of the general practice of medicine

<sup>1</sup> Robert B. Underwood, Professor of Prosthodontics and Head of the Department of Prosthodontics, *Chairman*; Charles R. Berg, Professor of Dentistry in Operative Dentistry; William L. McDaniel, Associate Professor of Periodontics; Dale R. Eisenmann, Assistant Professor of Histology.

<sup>2</sup> Richard M. Magraw, Deputy Executive Dean, College of Medicine, *Chairman*; R. E. Condon, Professor of Surgery, The Abraham Lincoln School of Medicine; W. H. Eastman, President, Peoria Medical Society; R. A. Harvey, Head, Department of Radiology, The Abraham Lincoln School of Medicine; J. P. Naughton, Associate Professor of Medicine, The Abraham Lincoln School of Medicine; W. G. Rowbotham, Peoria business leader; L. D. Rutherford, third-year medical student; T. W. Van Arsdale, President, Bradley University.

in all medical schools established and maintained by the state of Illinois. Establishment of Departments of Family Practice will provide an organizational structure by which the College of Medicine will seek to implement a comprehensive program of undergraduate, graduate, and continuing education for family (general) practice.

The University's *Budget Request for Operations—Fiscal Year 1971* included an item of \$342,000 for the establishment of the Department of Family Practice. Although the Health Education Commission approved the entire amount requested (\$342,000), the Board of Higher Education at first approved only \$171,000 (within the initial guidelines set by the Governor). Subsequently, the Board approved the remainder (\$171,000) for inclusion in a supplemental budget for the health fields. Appropriation bills covering the entire amount have been approved by the Illinois General Assembly and sent to the Governor.

The University Senates Conference has indicated that no other Senate jurisdiction is involved. The Chancellor at the Medical Center campus and the Executive Vice President and Provost concur.

I recommend approval subject to further action by the Board of Higher Education.

On motion of Dr. Walker, this recommendation was approved.

#### **PROPOSAL FOR THE ESTABLISHMENT OF A CENTER FOR ADVANCED COMPUTATION, URBANA**

(12) A Center for Advanced Computation as a special unit of the Graduate College is proposed at the Urbana-Champaign campus. The Center will carry on and promote interdisciplinary, problem-oriented research for which the application of unusually powerful computers represents a significant resource.

There are several classes of problems of broad national import for which a computer of unprecedented capacity, such as the ILLIAC IV, may provide a unique mechanism for model-building and a hitherto unavailable resource for data handling. With the computer scheduled for completion during this calendar year, the focus of activities on the ILLIAC IV project will shift from computer design and development to the application of the computer to problems as varied as numerical weather prediction, natural resource allocation, large-scale agricultural planning, and multidimensional hydrodynamic calculations. Such problem-solving activities are not in the mainstream of computer science; they call for strong and continuing interaction between and among computer designers and programmers and the experts in the various disciplines and fields of application. Interdisciplinary research of this type, which requires major access to a completely new computational facility and involves the participation of key academic staff in many departments and colleges, can best be accomplished in a Center for Advanced Computation.

#### **Proposed Organization and Administration**

The Center is to be organized along the general lines of other special units in the Graduate College. General policy and guidelines for operation of the Center within the stated mission will be established by a policy committee reporting to the Dean of the Graduate College and appointed by him after consultation with the deans of colleges with special interests in the activities of the Center.

The Director of the Center, appointed after consultation with the policy committee, would implement policies and objectives with the assistance of a steering committee made up of active participants in the program.

While professional support personnel with appointments in the Center will contribute to any of its projects, research programs in the Center will normally be under the research leadership of academic staff associated with other departments, either on the basis of joint appointments or of less formal collaborative arrangements. Although it would involve and support graduate students in many graduate programs, and will stimulate new interdepartmental programs, the Center would not propose to assume a departmental instructional role or to establish degree programs under its jurisdiction.

#### **Objectives and Graduate Research Mission of the Center**

The central mission of the Center will be to carry on and promote interdisciplinary graduate research on a broad array of problems for which unusually powerful computers will provide unique capability.

To implement these objectives, the Center would have access to computational facilities, in particular the ILLIAC IV which constitutes a significant national resource. The Center will also provide a physical and intellectual environment for encouraging interdepartmental research activities.

#### **Budgetary and Staff Implications**

Operation of the Center and support of research activities would involve a staff of approximately thirty academic personnel together with a technical and clerical nonacademic staff of comparable size. Financial support would be provided initially under federal (largely Department of Defense) sponsorship, which would support a widely diversified program of graduate research. State funds would be requested to support the operation of the Director's office and certain associated research activities. State funds amounting to \$28,700 have been allocated for FY 1971.

This proposal has the approval of the Graduate College Executive Committee, the Research Board, the Senate, the Chancellor, and the Executive Vice President and Provost.

The University Senates Conference has advised that no further Senate jurisdiction is involved.

I concur, subject to further action by the Illinois Board of Higher Education.

On motion of Mr. Swain, this proposal was approved.

#### **THE REQUIREMENT OF AN ADVANCE DEPOSIT ON TUITION AND FEES**

(13) At its meeting on January 18, 1961, the Board of Trustees approved the collection of a nonrefundable deposit of \$30 from all new undergraduate students (except foreign students living outside the United States at the time of application) seeking admission to the University for a fall term. On January 15, 1964, this requirement was extended to include new graduate students and new students in the College of Law. Furthermore, it was extended to include continuing students (i.e., those currently registered who wish to register for the following term) with certain exceptions.

The Board's action of January 15, 1964, however, provided "that the Office of Admissions and Records be authorized, in cooperation with the Business Office: to establish for each campus the semesters or sessions for which the deposit on tuition and fees is required beginning with the first semester of 1964-65. . . ."

Under this authorization, several exceptions and variations have been introduced from time to time, as conditions affecting applications and subsequent enrollment have varied. The three campuses differ considerably in respect of such conditions, and experience with the administration of the nonrefundable deposit has led to the recommendation from the University Committee on Fees<sup>1</sup> that each campus be allowed to establish the categories of applicants for which the nonrefundable deposit would be required, in accordance with the special conditions prevailing at a given time.

It should be noted that since the advance-deposit plan was adopted, a nonrefundable fee of \$15 is required of all applicants for admission or for readmission to the University. This requirement meets in part one of the main purposes of the nonrefundable tuition deposit, namely the screening out of individuals who are unlikely to register if admitted.

I concur in the recommendation that the Chancellor at each campus be authorized to establish for his campus the categories of students and the sessions (quarters or semesters) for which the nonrefundable deposit of \$30 on tuition and fees would be required.

On motion of Dr. Walker, this recommendation was approved.

#### **CHANGES IN STUDENT TUITION**

(14) The appropriations from the University Income Fund, as passed by the General Assembly, are based on an increase in the rate of resident tuition by \$150 a

<sup>1</sup> Lyle H. Lanier, Executive Vice President and Provost, *Chairman*; Herbert O. Farber, Vice President and Comptroller; Joseph S. Begando, Chancellor at the Medical Center campus; E. Eugene Oliver, Director of the University Office of School and College Relations; Norman A. Parker, Chancellor at the Chicago Circle campus; Jack W. Peltason, Chancellor at the Urbana-Champaign campus.

year, beginning with the first quarter or semester starting after January 1, 1971, and a further increase in nonresident tuition of \$300 a year, beginning in September, 1970, beyond the \$100 increase approved by the Board of Trustees on October 16, 1968. Similar increases were proposed for all other institutions of higher education.

In order to meet the income projections, I recommend that the following tuition schedule be adopted, effective on the dates indicated:

	Range I	Range II	Range III	Range IV
<i>Illinois Residents</i>				
Semester, February, 1971.....	\$198	\$137	\$ 76	\$38
Quarter, January, 1971.....	132	92	50	25
Eight-Week Term, June, 1971..	99	69	38	19
<i>Nonresidents</i>				
Semester, September, 1970.....	\$627	\$430	\$236	\$38
Quarter, September, 1970.....	418	287	157	25
Eight-Week Term, June, 1971..	314	215	118	19

The semester rates are charged at the Urbana-Champaign campus during the regular academic year. The quarter rates are charged for all terms at the Chicago Circle and the Medical Center campuses, and for any eleven- or twelve-week summer program at the Urbana-Champaign campus. The eight-week-term rates are charged for the regular summer session at the Urbana-Champaign campus.

On motion of Mr. Steger, this recommendation was approved.

#### REVISION OF REGULATIONS CONCERNING PRE-EMPLOYMENT HEALTH EXAMINATIONS

##### (Revision of *The General Rules Concerning University Organization and Procedure*)

(15) On December 11, 1969, the Executive Vice President and Provost appointed a special committee<sup>1</sup> to review the pre-employment health examinations and related procedures being followed at the three campuses. Section 26(m and n) of *The General Rules Concerning University Organization and Procedure* states that such examinations shall be "in a form prescribed by the Director of the University Health Services. . . ." With the decentralization of administrative organization under the chancellorship system, the Health Service at each of the three campuses is headed by its own Director. The task of the special committee was to review existing procedures and to recommend appropriate changes in Section 26(m and n) of *The General Rules* in the light of the change to the chancellorship system.

The committee's report has been received, and the following changes in Section 26(m and n) are recommended (deletions are crossed out and additions to the text are in italics):

"(m) All employees of the University, unless excepted by the President, are required to ~~take a physical examination, in a form prescribed by the Director of the University Health Services, upon entering the service of the University.~~ *present medical evidence of their capability to perform the duties associated with the position that is being sought. The form in which this evidence is to be presented will be prescribed by the Director of the Health Service at each campus.* Employees securing a rating of 'Unemployable' may not be employed, except on approval of the President. As deemed necessary by the Directors of the Health Services, new employees are required to be immunized against communicable diseases. Employees of the University whose duties require them to handle food products shall be subject to periodic medical examinations given under the supervision of the Directors of the Health Services, and no individual shall be employed in duties of this nature who shows evidence of any communicable disease.

<sup>1</sup> J. W. Briscoe, Vice Chancellor for Administrative Affairs, Urbana-Champaign campus, Chairman; Donald J. Caseley, Vice Chancellor, Medical Center campus; Marvin J. Colbert, Director of Health Services, Medical Center campus; Laurence M. Hursh, Director of Health Services, Urbana-Champaign campus; Edward K. Isaacson, Staff Physician, Chicago Circle campus; Alfred P. Maurice, Associate Dean of Faculties, Chicago Circle campus.

"(n) Failure on the part of an employee to take any required physical examination, *or to present evidence of freedom from tuberculosis or immunity to smallpox*, after being notified to ~~appear for same~~ to do so, shall serve to make the University employment contract inoperative and salary payments shall cease."

The Chancellors at the three campuses endorse the proposed changes, and the Executive Vice President and Provost recommends their adoption.  
I concur.

On motion of Mr. Swain, this recommendation and the proposed revision in *The General Rules Concerning University Organization and Procedure* were approved.

#### **ADDITION TO THE GENERAL RULES CONCERNING UNIVERSITY ORGANIZATION AND PROCEDURE: SECTION 35**

(16) The University Council on Libraries has approved a recommendation from the Committee on Historical Manuscripts and University Archives that the organization and functions of the University Archives be recognized by inclusion in *The General Rules Concerning University Organization and Procedure*.

At present, the Urbana campus has the most extensive and well-defined archival program. Chicago Circle is developing its collection of university materials as well as a large collection of non-university manuscript materials. The Medical Center is limited by lack of space, but is establishing the bases for retention and collection of records and will take control of materials when space is available.

In the reorganization under the chancellorship system, the status of the University Archives was not dealt with specifically. It is the consensus of the Council that the archival program on each campus should be autonomous from any other, each headed by one archivist on each campus.

Therefore, I now recommend that the following section be added to the *General Rules*:

##### *University Archives*

SEC. 35 (a) The University Archives, a division of the library under the direction of an Archivist on each campus, is the depository for records having research or historical value and includes records transferred to its custody. The University Archives also includes professional and personal manuscripts of members of the academic and administrative staffs and records of faculty and student organizations that may be given to the University for preservation and use.

(b) Records produced or received by any agency or employee of the University in the transaction of University business become University property. For the purposes of this paragraph, records shall be defined as including all documents, correspondence, accounts, files, manuscripts, publications, photographs, tapes, drawings, or other material bearing upon the activities and functions of the University or its officers and employees.

No University records shall be discarded or destroyed except upon the prior approval of the Archivist pursuant to a finding and recommendation by the administrative unit involved that such records have no further administrative value. The Archivist shall withhold the approval of any such action until he is satisfied that the records involved have no value for other administrative offices and that they need not be retained for legal reasons, as determined by appropriate officers. Where appropriate, the Archivist may arrange for the transfer of records to the University Archives as an alternative to destruction.

(c) The archives of the General Offices of the University shall be under the jurisdiction of the Archivist at the Urbana-Champaign campus.

On motion of Dr. Walker, this recommendation and the proposed addition to *The General Rules Concerning University Organization and Procedure* are approved.

#### **DESIGNATION OF UNIVERSITY OFFICERS FOR FACILITY SECURITY CLEARANCE**

(17) Officials of the United States governmental agencies have requested the Board of Trustees to designate by formal action the trustees and officers of the Board

who do not require access to classified information and who therefore shall not 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 in the form requested by the agencies 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, the Chief Executive Officer and those other officers or officials who are specifically and properly designated by action of the Board of Trustees in accordance with the institution's requirements as the managerial group having authority and responsibility for the negotiation, execution and administration of User Agency contracts and delegated all of the duties and responsibilities of the Board of Trustees pertaining to the protection of classified information are required to be cleared by the Department of Defense; and

WHEREAS, if because of this delegation the board will not be in a position to affect adversely the performance of classified contracts, other officers or trustees who shall not require access to classified information in the conduct of the University's business and who do not occupy positions that would enable them to affect the university's policies or practices in the performance of classified contracts, are not required to be cleared, provided the Board of Trustees by formal action affirms and makes a matter of record in the organization's minutes of that executive body, that

RESOLVED: The following named officers, officials and trustees shall not require, shall not have, and can be effectively excluded from, access to all classified information in the possession of the university and do not occupy positions that would enable them to affect adversely the university's policies or practices in the performance of classified contracts or programs for the User Agencies:

NAME	TITLE	CITIZENSHIP
OGILVIE, Richard B.	Governor of Illinois	US
PAGE, Ray	Superintendent of Public Instruction	US
JONES, Theodore A.	Trustee	US
STEGER, Russell	Trustee	US
GRIMES, Donald R.	Trustee	US
HAHN, Ralph C.	Trustee	US
STONE, W. Clement, Sr.	Trustee	US
WALKER, Earl E.	Trustee	US
MANCHESTER, R. R.	Treasurer	US

*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 University Counsel of the University of Illinois.

On motion of Mr. Clement, the foregoing resolution was adopted.

### DEDICATION OF CERTAIN NATURAL AREAS AS NATURE PRESERVES (VOLO BOG AND WAUCONDA BOG)

(18) The Board of Trustees at its regular meeting held on October 16, 1967, authorized the execution of Articles of Dedication of Volo Bog, Wauconda Bog, and other properties as nature preserves within the meaning of An Act in relation to the acquisition, control, maintenance, improvement, and protection of State parks and nature preserves, approved June 26, 1925, as amended. That action directed that the Articles of Dedication provide for retention of University responsibility for the care, supervision, and control of the premises and that the dedication be limited to a period not in excess of twenty-five years.



The law requires the approval of the Illinois Nature Preserves Commission and the State of Illinois Department of Conservation for the dedications but such approvals were not forthcoming. After further negotiations with the Illinois Nature Preserves Commission, the State of Illinois Department of Conservation, and the Illinois Chapter of the Nature Conservancy, from whom the University acquired title, it has been determined that with respect to Volo Bog and Wauconda Bog the following actions be recommended:

- a. That The Board of Trustees of the University of Illinois dedicate both Volo Bog and Wauconda Bog as nature preserves in perpetuity and without qualification.
- b. That concurrently The Board of Trustees of the University of Illinois join in an instrument with the Nature Conservancy conveying title to the premises to the State of Illinois Department of Conservation, subject to the reverter rights presently held by the Nature Conservancy under the terms of the deed from the Nature Conservancy to The Board of Trustees of the University of Illinois.

The President of the University, with the concurrence of appropriate administrative officers, recommends that the Vice President and Comptroller and the Secretary of the Board be authorized to execute Articles of Dedication and conveyances of title to these properties as outlined above.

On motion of Mr. Swain, this recommendation was approved.

#### APPROPRIATIONS FOR NONRECURRING EXPENDITURES

##### Chicago Circle

(19) The Chancellor, on behalf of the Chicago Circle Committee on Nonrecurring Appropriations, recommends the following appropriations from the:

##### *Chicago Circle General Reserve*

##### College of Education

School of Physical Education, equipment.....	\$ 20 000
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##### College of Liberal Arts and Sciences

Department of Chemistry, equipment.....	30 000
Department of Physics, equipment.....	50 000
Department of Geological Sciences, equipment.....	20 000
Department of Biological Sciences, equipment.....	25 000
Department of Psychology, equipment.....	30 000

##### Physical Plant Department

##### Renovation of sixth floor of University Hall:

From FY 1970 funds.....	102 000
From FY 1971 funds.....	13 000

<i>Total, Chicago Circle General Reserve.....</i>	<i>\$290 000</i>
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##### Urbana-Champaign

The Chancellor, on behalf of the Urbana-Champaign Committee on Nonrecurring Appropriations, recommends the following appropriations from the:

##### *Urbana-Champaign General Reserve*

##### College of Fine and Applied Arts

Krannert Center for the Performing Arts, equipment.....	\$ 30 000
School of Music, equipment.....	30 000

##### College of Liberal Arts and Sciences

School of Life Sciences, equipment.....	20 000
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<i>Total, Urbana-Champaign General Reserve.....</i>	<i>\$ 80 000</i>
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The Executive Vice President and Provost and the Vice President and Comptroller concur.

I recommend approval.

On motion of Mr. Hahn, these appropriations were made by the following vote: Aye, Mr. Clement, Mr. Hahn, Mr. Hughes, Mr. Steger, Mr. Swain, Dr. Walker; no, none; absent, Mr. Grimes, Mr. Jones, Governor Ogilvie, Mr. Page, Mr. Stone.

**REQUEST TO ILLINOIS BUILDING AUTHORITY TO CONTRACT FOR  
PAINTING FOR UTILITIES BUILDING, PHASE III ADDITION,  
CHICAGO CIRCLE**

(20) The President of the University, with the concurrence of appropriate administrative officers, recommends that the Illinois Building Authority be requested to award a contract in the amount of \$14,889 to S. Meltzer & Sons Decorating Co., Chicago, the low bidder for field finish painting for the Utilities Building, Phase III Addition at the Chicago Circle campus, and proceed to procure this work for the University.

This work is part of the project for Chicago Circle, Phase III construction which the Board, on July 26, 1967, requested the Illinois Building Authority to provide. The Authority will finance the construction and lease the facilities to the University for rental payments for which the state appropriations are available. Jurisdiction of the land has been transferred to the Authority.

It is also recommended that the Comptroller and the Secretary of the Board be authorized to make, execute, acknowledge, and deliver such instruments of transfer, conveyance, lease, contract, and other documents as are necessary to provide for the carrying out of the foregoing project by the Illinois Building Authority, and that the resolution submitted herewith be adopted to implement the official action requested.

**Resolution**

*Be It, and It Hereby Is, Resolved* by The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, that the Illinois Building Authority be, and it hereby is, requested to award to S. Meltzer & Sons Decorating Co., 2671 North Lincoln Avenue, Chicago, Illinois, a contract for field finish painting for the Utilities Building, Phase III Addition at the Chicago Circle campus for the sum of \$14,889.00 and proceed to procure this work for the University.

*Be It, and It Hereby Is, Further Resolved* by The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, that the Comptroller and Secretary of this public corporation be, and they hereby are, authorized to make, execute, acknowledge, and deliver, in the name and on behalf of this 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. Swain, the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Hahn, Mr. Hughes, Mr. Steger, Mr. Swain, Dr. Walker; no, none; absent, Mr. Grimes, Mr. Jones, Governor Ogilvie, Mr. Page, Mr. Stone.

**EXERCISE OF OPTIONS TO RENEW CONTRACTS FOR ANNUAL  
ELEVATOR MAINTENANCE SERVICE, CHICAGO CIRCLE**

(21) On May 20, 1969, the University received bids for annual elevator maintenance service for Fiscal Year 1970 at the Chicago Circle campus. The contract documents provided that the University will have the option to renew these contracts annually through June 30, 1975, and with the further provision that if the annual options are exercised that unit prices for metal and metal products will be adjusted by the appropriate index published by the United States Department of Labor, and that unit prices for labor be adjusted on the basis of the percentage change in the preceding year's wages. On June 18, 1969, the Board of Trustees authorized the awarding of these contracts to the low bidders.

In addition to these contracts, bids were received on February 3, 1970, and on March 5, 1970, for elevator maintenance service for Phase III buildings which were activated after the above original contracts were awarded. These minor contracts did not require Board approval and were executed by the University. These contracts contain the same option renewal and escalation provisions as the original contracts for annual elevator maintenance service.

The Physical Plant Department and the Purchasing Division have determined that it would be more economical to exercise the option for renewing the existing contracts for elevator maintenance service than to solicit for new bids.

Accordingly, the President of the University, with the concurrence of appropriate administrative officers, recommends that subject to funds being made avail-

able, the options held by the University be exercised to renew the above contracts for elevator maintenance service for the Chicago Circle campus for Fiscal Year 1971, with the unit price adjustments as follows:

	<i>Original Contract</i>	<i>Unit Price Adjustments</i>	<i>Cost for FY1971</i>
<i>Group A</i>			
Reliance Elevator Co.....	\$37 800 00	\$3 071 25	\$40 871 25
<i>Group B &amp; C</i>			
Haughton Elevator Company, Div. of Reliance Electric Co., Toledo, Ohio.....	7 291 20	661 31	7 952 51
<i>Group D</i>			
Montgomery Elevator Co.....	1 344 00	107 23	1 451 23
<i>Group E</i>			
Gregory Elev. Maint. Co.....	7 500 00	601 50	8 101 50
<i>Group F</i>			
Gallaher & Speck.....	4 200 00	343 89	4 543 89
<i>Group G</i>			
Gallaher & Speck.....	4 080 00	334 07	4 414 07
<i>Total</i> .....	<u>\$62 215 20</u>	<u>\$5 119 25</u>	<u>\$67 334 45</u>

Funds have been included in the proposed operating budget of the Physical Plant Department for FY1971.

On motion of Dr. Walker, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Hahn, Mr. Hughes, Mr. Steger, Mr. Swain, Dr. Walker; no, none; absent, Mr. Grimes, Mr. Jones, Governor Ogilvie, Mr. Page, Mr. Stone.

**CONTRACTS FOR CONTRACTORS' FEES FOR MINOR REMODELING  
AND NEW CONSTRUCTION, FY1971, AT CHICAGO CIRCLE  
AND MEDICAL CENTER**

(22) The President of the University, with the concurrence of appropriate administrative officers, recommends award of the following cost-plus contracts for minor building alterations, repairs, and new construction work for the period July 1, 1970, through June 30, 1971, at the Chicago Circle and Medical Center campuses, the award in each case to be to the lowest bidder.

	<i>Per Cent for Material</i>	<i>Per Cent for Labor</i>	<i>Per Cent for Contracts</i>
General—Erik A. Borg Company, Skokie....	8	30	8
Electrical—Gerson Electric Construction Co., Chicago.....	21	28	10
Plumbing—G. F. Connelly Co., Inc., Chicago	8¾	31½	8¾
Heating, Refrigeration, and Temperature Control—The Nu-Way Contracting Corp., Chicago.....	10	35	5
Ventilation and Distribution Systems for Conditioned Air—Admiral Heating and Ventilating, Inc., Hillside.....	9	38	5

These contracts will be for work which does not justify the cost of preparing separate drawings and specifications and of separate bidding procedures on each project estimated to cost less than \$25,000. The several contractors bid on percentages to be added to the actual cost of material, labor, and subcontracts, and the awards recommended are to the lowest bidders.

The work will be done as ordered by the Physical Plant Department and will be paid for on the basis of the actual cost of each job plus contractors' fees. Sub-

mitted herewith is a report of the Office of Physical Plant Planning and Construction, including a schedule of bids received, showing the fee percentages to be added for work to be executed under these cost-plus contracts, a copy of which is being filed with the Secretary of the Board for record. No assignment of funds is requested and each job will be covered by a contract change order charged against funds allocated for the project.

It is further recommended that the Vice-President and Comptroller be authorized to approve change orders under these contracts up to \$25,000 on each project.

On motion of Mr. Swain, these recommendations were approved by the following vote: Aye, Mr. Clement, Mr. Hahn, Mr. Hughes, Mr. Steger, Mr. Swain, Dr. Walker; no, none; absent, Mr. Grimes, Mr. Jones, Governor Ogilvie, Mr. Page, Mr. Stone.

#### CONTRACTS FOR REMODELING IN BURRILL HALL, URBANA

(23) The President of the University, with the concurrence of appropriate administrative officers, recommends award of the following cost-plus contracts based on percentages bid for contractors' fees for remodeling ten rooms in Burrill Hall, for the Department of Physiology, the award in each case being to the low bidder.

	<i>Per Cent for Material</i>	<i>Per Cent for Labor</i>	<i>Per Cent for Subcon- tracts</i>	<i>Estimated Fee Pay- ments and Equipment Costs</i>	<i>Total Estimated Payments</i>
General—Skoog Construc- tion Company, Champaign.....	2	23	2	\$1 897 00	\$20 097 00
Electrical—Remco Electrical Corporation, Champaign	6	26	10	645 64	4 739 64
Plumbing—Willis Thomas & W. C. Thomas, a partnership doing busi- ness as Thomas Plumbing & Heating Co., Urbana..	16	31	0	1 387 60	5 747 60
Heating, Piping, Refrig- eration and Automatic Temperature Control Systems—David W. Reichard Plumbing & Heating Co., Inc., Urbana.....	15	42	0	569 64	1 761 64
Ventilation and Distribution Systems for Conditioned Air—David W. Reichard Plumbing & Heating Co., Inc., Urbana.....	15	55	0	375 00	1 275 00

Funds for this work are available in an appropriation made by the Board of Trustees on April 15, 1970.

Submitted herewith is a schedule of bids received, a copy of which is being filed with the Secretary of the Board for record.

On motion of Dr. Walker, these contracts were awarded by the following vote: Aye, Mr. Clement, Mr. Hahn, Mr. Hughes, Mr. Steger, Mr. Swain, Dr. Walker; no, none; absent, Mr. Grimes, Mr. Jones, Governor Ogilvie, Mr. Page, Mr. Stone.

#### CONTRACTS FOR REMODELING IN DAVENPORT HALL AND STOCK PAVILION, URBANA

(24) The President of the University, with the concurrence of appropriate administrative officers, recommends award of the following cost-plus contracts based on

percentages bid for contractors' fees for remodeling the meats commissary in Davenport Hall and slaughter house facilities in the Stock Pavilion at the Urbana-Champaign campus, the award in each case being to the low bidder.

	<i>Per Cent for Material</i>	<i>Per Cent for Labor</i>	<i>Per Cent for Subcon- tracts</i>	<i>Estimated Fee Pay- ments and Equipment Costs</i>	<i>Total Estimated Payments</i>
General—Barber & DeAtley, Inc., Urbana...	2.9	24	25	\$2 168 55	\$11 418 55
Electrical—G. L. Wilsky, an individual, doing business as Downtown Electric, Urbana.....	16	26	0	60 80	340 80
Plumbing—Willis Thomas & W. C. Thomas, a partnership, doing business as Thomas Plumbing & Heating Co., Urbana..	16	33	0	426 40	1 991 40
Heating, Piping, Refrigeration & Automatic Temperature Control Systems—David W. Reichard Plumbing & Heating Co., Inc., Urbana.....	15	42	5	468 00	2 368 00

Funds for this work are available in an appropriation made by the Board of Trustees on April 15, 1970.

Submitted herewith is a schedule of bids received, a copy of which is being filed with the Secretary of the Board for record.

On motion of Mr. Swain, these contracts were awarded by the following vote: Aye, Mr. Clement, Mr. Hahn, Mr. Hughes, Mr. Steger, Mr. Swain, Dr. Walker; no, none; absent, Mr. Grimes, Mr. Jones, Governor Ogilvie, Mr. Page, Mr. Stone.

**CONTRACT FOR CONSTRUCTION OF OUTDOOR FIRING RANGE FOR POLICE TRAINING INSTITUTE, DIVISION OF UNIVERSITY EXTENSION, URBANA**

(25) The President of the University, with the concurrence of appropriate administrative officers, recommends award of the following cost-plus contract based on percentages bid for contractors' fees for construction of an outdoor firing range for the Police Training Institute of the Division of University Extension at the Urbana-Champaign campus, the award being to the low bidder.

	<i>Per Cent for Material</i>	<i>Per Cent for Labor</i>	<i>Per Cent for Subcon- tracts</i>	<i>Estimated Fee Pay- ments and Equipment Costs</i>	<i>Total Estimated Payments</i>
General—Barber & DeAtley, Inc., Urbana...	2.9	24	2	\$7 755 00	\$74 755 00

Funds for this work are available in an appropriation made by the Seventy-sixth General Assembly for the Police Training Institute.

Submitted herewith is a schedule of bids received, a copy of which is being filed with the Secretary of the Board for record.

On motion of Mr. Hahn, this contract was awarded by the following vote: Aye, Mr. Clement, Mr. Hahn, Mr. Hughes, Mr. Steger, Mr. Swain, Dr. Walker; no, none; absent, Mr. Grimes, Mr. Jones, Governor Ogilvie, Mr. Page, Mr. Stone.

**CONTRACT FOR OPERATION OF THE VETERINARY MEDICINE  
DIAGNOSTIC LABORATORY, URBANA**

(26) Since 1956 the Illinois Department of Agriculture has operated a diagnostic laboratory for animals, housed in facilities provided by the College of Veterinary Medicine on the Urbana-Champaign campus. The laboratory is designed to serve animals owned by citizens of the state and to advance the field of veterinary medicine through research and public service.

The University has received approximately 30 per cent of the services rendered through the provisions of clinical material necessary for teaching. To compensate for services thus received, the University has shared the cost of operating the laboratory to the extent of approximately 30 per cent, by providing released time of professionals and technicians to assist in the diagnostic work.

The Director of the Department and the Dean of the College propose that during 1970-71, and possibly in future years, the University assume responsibility for the administration and operation of the laboratory and that the Department pay the University \$198,000 (approximately 70 per cent of the operating costs) for the year ending June 30, 1971. The transition in administration of the laboratory will take place during the first six months of the year in order to permit an orderly transfer of responsibilities, and the University will cooperate with the Department in operating the laboratory during this period. The support from the Department (\$198,000) will be reduced by any costs incurred by the Department during the transition period. Implementation of the proposal is subject to the availability of funds.

The Chancellor at Urbana-Champaign and the Vice President and Comptroller recommend that authorization be given to enter into an agreement with the Illinois Department of Agriculture as outlined above.

I concur.

On motion of Mr. Swain, this recommendation was approved.

**CONTRACT FOR CONSTRUCTION OF PARKING FACILITIES  
AT THE UNIVERSITY OF ILLINOIS-WILLARD AIRPORT**

(27) The Department of Aeronautics of the State of Illinois has agreed to provide costs not exceeding \$200,000 to provide certain auto parking facilities, perimeter fencing, drainage, and incidental items at the University of Illinois-Willard Airport as defined in their Project 70A-12-503. The Board of Trustees on December 17, 1969, authorized the University to enter into a "Limited Agency and Participation Agreement" with the Department to implement the project.

In accordance with the terms of the Agreement, the Department has prepared specifications for the project and has secured sealed bids. The low bidder on the project is the Champaign Asphalt Company, Champaign, Illinois, with a bid of \$179,455.

In accordance with the terms of the Agreement, the Vice President and Comptroller and the Director of the Institute of Aviation recommend that the Comptroller and the Secretary of the Board be authorized to execute the construction contract with the Champaign Asphalt Company.

I concur.

On motion of Mr. Swain, this recommendation was approved.

**TRANSFER OF JURISDICTION OF PROPERTY TO ILLINOIS BUILDING  
AUTHORITY FOR CONSTRUCTION OF LABORATORY-OFFICE  
COMPLEX BUILDING, URBANA**

(28) The Seventy-sixth General Assembly of the State of Illinois has declared to be in the public interest a Laboratory-Office Complex Building for the Department of Registration and Education to be used by the State Geological and State Natural History Surveys. By state law the scientific surveys are administered by the Department of Registration and Education and the Board of Natural Resources and Conservation but are housed in University of Illinois buildings.

On October 16, 1968, the Board of Trustees authorized an agreement with the Department of Registration and Education for the construction of this building on a site reserved for the Surveys in the area south of St. Mary's Road and west of South First Street Road in Champaign, and which provided that the University

would transfer jurisdiction of the site to the Illinois Building Authority, and the Authority has now requested this transfer.

Accordingly, the President of the University, with the concurrence of appropriate administrative officers, requests the adoption of the following resolution to authorize the transfer of jurisdiction of the site for the Laboratory-Office Complex Building requested by the Illinois Building Authority. (The Instrument of Transfer will be available for inspection at the Board meeting.)

### Resolution

WHEREAS, the Seventy-sixth General Assembly of the State of Illinois has declared it to be in the public interest that the Illinois Building Authority construct, on behalf of The Board of Trustees of the University of Illinois, a Laboratory-Office Complex Building at the Urbana-Champaign campus of the University of Illinois; and

WHEREAS, for that purpose it will be necessary for the Illinois Building Authority to acquire jurisdiction of the real estate upon which said building will be located; and

WHEREAS, The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, with its principal office in Urbana, Illinois, has been requested by the Illinois Building Authority to transfer jurisdiction of said real estate for the construction of said building.

*Now, Therefore, Be It and It Is Hereby Resolved* by The Board of Trustees of the University of Illinois at its June 17, 1970, meeting, as follows:

That the Comptroller and the Secretary of The Board of Trustees of the University of Illinois be and they are hereby authorized to execute, acknowledge and deliver, in the name and on behalf of this corporation, an instrument of transfer of jurisdiction to the property described in the attached document entitled "Instrument of Transfer" which said form of Instrument of Transfer is, by this reference, incorporated in and made a part of this Resolution.

On motion of Mr. Clement, the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Hahn, Mr. Hughes, Mr. Steger, Mr. Swain, Dr. Walker; no, none; absent, Mr. Grimes, Mr. Jones, Governor Ogilvie, Mr. Page, Mr. Stone.

Date: \_\_\_\_\_, 1970

I.B.A. Project No. 76-36

Construct Laboratory-Office Complex Building

Department of Registration and Education and

University of Illinois, Urbana-Champaign Campus

### Instrument of Transfer

In accordance with the provisions of "An Act to create the Illinois Building Authority and to define its powers and duties," approved August 15, 1961, as amended, and Resolution No. 70 IBA 26, adopted on the 20th day of May, 1970 by the Illinois Building Authority, a body corporate and politic of the State of Illinois created under said mentioned Act, requested the transfer of jurisdiction of certain described real estate to the Illinois Building Authority.

*Now, Therefore,* the undersigned The Board of Trustees of The University of Illinois, a body corporate and politic of the State of Illinois, does hereby transfer jurisdiction of the following real estate to the Illinois Building Authority, to wit: Situated in the State of Illinois, the County of Champaign, in the SE¼, NE ¼ of Section 24, Township 19 North, Range 8 East of the 3rd. Principal Meridian and being more fully bounded and described as follows:

Commencing at a stone monument, being the Southwest corner of the Northeast Quarter of the Southeast Quarter of Section 24, Township 19 North, Range 8 East of the 3rd. Principal Meridian, Champaign County, Illinois; thence east 187.39 feet to a point; thence north 1433.19 feet to the True Point of Beginning, also being the Southwest corner of the Natural History Geological Survey Building; thence South 89°15'30" East 121'7" to a point; thence North 0°44'30" East 72'0" to a point; thence South 89°15'30" East 72'0" to a point; thence North 0°44'30" East 133'7" to a point; thence North 89°15'30" West 19'6" to a point; thence North 0°44'30"

East 65°21½" to a point; thence South 89°15'30" East 13'6" to a point; thence North 0°44'30" East 66'4" to a point; thence North 89°15'30" West 72'3" to a point; thence North 0°44'30" East 54'0" to a point; thence North 89°15'30" West 68'0" to a point; thence South 0°44'30" West 54'0" to a point; thence North 89°15'30" West 34'6" to a point; thence South 0°44'30" West 66'4" to a point; thence South 89°15'30" East 28'2" to a point; thence South 0°44'30" West 50'0" to a point; thence South 89°15'30" East 31'0" to a point; thence South 0°44'30" West 75'2½" to a point; thence North 89°15'30" West 72'0" to a point; thence South 0°44'30" West 145'7" to the True Point of Beginning and being a part of the SE ¼, NE ¼, Section 24, Township 19 North, Range 8 East of the 3rd. Principal Meridian, Champaign County, Illinois.

Being the site upon which the Illinois Building Authority is to construct and complete a Laboratory-Office Complex Building for the University of Illinois and the Department of Registration and Education of the State of Illinois at the Urbana-Champaign Campus of the University of Illinois.

*In Witness Whereof*, The Board of Trustees of the University of Illinois, a body corporate and politic of the State of Illinois, has caused this instrument to be executed by its Comptroller, pursuant to due authorization of its Board of Trustees, and its seal to be hereunto affixed and attested by the Secretary of The Board of Trustees of the University of Illinois, all as of the ..... day of ....., 1970.

This instrument has been executed in several counterparts each of which may be considered as an original.

THE BOARD OF TRUSTEES OF THE  
UNIVERSITY OF ILLINOIS

By.....  
Comptroller

Attest:

.....  
Secretary (Seal)

I hereby approve the foregoing transfer as being advantageous to the State of Illinois and in the public interest.

Dated ....., 19.....

.....  
Governor, State of Illinois

Approved as to form and content:

.....  
For Counsel for The Board of Trustees  
of the University of Illinois

#### EMPLOYMENT OF ARCHITECT AND ENGINEER FOR PARKING STRUCTURE, CHICAGO CIRCLE

(29) The President of the University, with the concurrence of appropriate administrative officers, recommends the employment of Conrad Associates, Chicago, for complete architectural and engineering services, including the required supervision, for the proposed parking structure at the Chicago Circle campus at a fee of 5 per cent of the actual cost of construction.

Funds for professional services through the completion of working drawings in the amount of \$100,000 are available on an interim basis from the Rust Estate. The estate will be reimbursed when revenue bonds are sold by the University to finance the total cost of the project.

The Advisory Committee on Architectural and Engineering Services and the Buildings and Grounds Committee have approved the selection of this firm.

The State Board of Higher Education will be requested to approve this project as a "Noninstructional Facility."

On motion of Mr. Steger, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Hughes, Mr. Steger, Mr. Swain, Dr. Walker; no, none; absent, Mr. Grimes, Mr. Jones, Governor Ogilvie, Mr. Page, Mr. Stone. Mr. Hahn asked to be recorded as not voting.



**DISCONTINUANCE OF CLAYTON EXPERIMENT FIELD**

(30) In 1910 the Village of Clayton, in Adams County, conveyed twenty acres of land to the University of Illinois as an Agricultural Experiment Field, with the provision that if the University ceased to use it for such purpose for two years, the land would be transferred to the Village of Clayton for use as a public park.

The type of research now being done by the Department of Agronomy requires larger tracts of land, and consequently, some of the small experimental plots are being phased out. No research has been conducted at the Clayton Field since 1967.

State law now limits reverter clauses to a period of forty years, so the provision in the deed transferring title back to the Village of Clayton is no longer valid. Consequently, the Village of Clayton has sought legislation (H.B. 3605) authorizing the Board of Trustees to convey to the Village of Clayton the following property:

Twenty (20) acres off the West end of the North half of the Southwest Quarter of section number thirty-five (35) in Township number one North, range five (5) West of the Fourth Principal Meridian, situated in the County of Adams, in the State of Illinois.

The University has not opposed this bill, since it will carry out the commitment made by the University in 1910 in accepting the donation of the property.

I recommend that the Comptroller and the Secretary of the Board be authorized to convey by quit claim deed all right, title, and interest in this property to the Village of Clayton, subject to approval of the legislation proposed.

On motion of Dr. Walker, this recommendation was approved.

**MODIFICATION OF CHANGE ORDER-LEASE/ACQUISITIONS**

(31) On October 15, 1969, and April 15, 1970, the Board authorized the acceptance of proposals of the IBM Corporation for change orders in the University's lease agreements which would permit the University to purchase two Model 360/50 CPU systems located at the Urbana-Champaign and Chicago Circle campuses with payments to be made, subject to availability of funds, in accordance with scheduled payments over a five-year period.

In a re-evaluation of the purchase agreements with the IBM Corporation, it has been determined that the University can effect additional savings of approximately \$57,000 by immediate purchase of the two systems rather than continuing the five-year payment schedules.

The President of the University recommends, with the concurrence of the Executive Vice President and Provost and the Vice President and Comptroller, that the Comptroller and the Secretary of the Board of Trustees be authorized to modify the purchase agreements with the IBM Corporation, and to execute such contracts and change orders or other appropriate documents as may be necessary, to vest title in the University on or before June 30, 1970, for the two Model 360/50 CPU systems located at the Urbana-Champaign and Chicago Circle campuses in amounts not to exceed \$399,010.96 and \$300,125.02, respectively.

The President further recommends appropriations from the General Reserve of \$399,010.96 for Urbana-Champaign and \$300,125.02 for Chicago Circle.

On motion of Mr. Swain, these recommendations were approved by the following vote: Aye, Mr. Clement, Mr. Hahn, Mr. Hughes, Mr. Steger, Mr. Swain, Dr. Walker; no, none; absent, Mr. Grimes, Mr. Jones, Governor Ogilvie, Mr. Page, Mr. Stone.

**CONTRACT FOR VENDING SERVICES, CHICAGO CIRCLE**

(32) The Vice President and Comptroller recommends the award of a contract to Tri-R Vending Service Company, Chicago, Illinois, for vending rights to sell food, beverages, tobacco products and allied items at the University of Illinois at Chicago Circle, for a period of five years beginning July 1, 1970, at an estimated annual commission to the University of \$101,992, subject to renewal annually at the option of the University until 1980.

I concur.

On motion of Mr. Hahn, this contract was awarded by the following vote: Aye, Mr. Clement, Mr. Hahn, Mr. Hughes, Mr. Steger, Mr.

Swain, Dr. Walker; no, none; absent, Mr. Grimes, Mr. Jones, Governor Ogilvie, Mr. Page, Mr. Stone.

**CONTRACT FOR VENDING SERVICE, MEDICAL CENTER**

(33) The Vice President and Comptroller recommends the award of a contract for vending service for the University of Illinois at the Medical Center to ARA Services, Inc., Chicago, at an estimated annual commission to the University of \$48,479.27. The proposal provides for vending service for a period of one year from July 1, 1970, through June 30, 1971, subject to annual renewal for an additional four years ending June 30, 1975.

I concur.

On motion of Dr. Walker, this contract was awarded by the following vote: Aye, Mr. Clement, Mr. Hahn, Mr. Hughes, Mr. Steger, Mr. Swain, Dr. Walker; no, none; absent, Mr. Grimes, Mr. Jones, Governor Ogilvie, Mr. Page, Mr. Stone.

**ROYALTY AGREEMENT WITH CINE-PROBST, INC., SUBSIDIARY OF CYBERN EDUCATION, INC., MEDICAL CENTER**

(34) The Dean of the College of Dentistry and the Chancellor at the Medical Center campus recommend authorization of an agreement between The Board of Trustees of the University of Illinois and Cine-Probst, Inc., subsidiary of Cybern Education, Inc., granting an exclusive license to Cine-Probst, Inc., to reproduce, publish, sell, market and distribute programmed instruction materials including visual and audio training aids developed by the College of Dentistry under an agreement with Cine-Probst, Inc., as follows:

Lesson Set: Living Skull a Dynamic Basis for Radio-Graphic Interpretation

In addition to royalties of 5 per cent on domestic sales and 2½ per cent on foreign sales, the materials will be supplied to the University at reduced prices.

Inasmuch as this agreement covers the second in a projected series of instructional materials,<sup>1</sup> the agreement contains a provision for adding to its scope further instructional materials ordered by the University through the identification of a purchase order number. It is recommended that such extensions be approved by the Chancellor at the Medical Center without further referral to the Board of Trustees.

This arrangement has been approved by the Executive Vice President and Provost and the Vice President and Comptroller.

I concur.

On motion of Dr. Walker, authority was given as recommended.

**REVISION OF EQUIPMENT USAGE GRANT AND LEASE FOR THE  
COMPUTER-BASED EDUCATION RESEARCH LABORATORY,  
URBANA**

(35) On February 18, 1970, the Board of Trustees authorized the execution of an equipment usage grant proposal and lease arrangements with Control Data Corporation in connection with a program of research and development in the PLATO program in the Computer-based Education Research Laboratory at the Urbana-Champaign campus. Under the arrangement, the University will receive a Control Data 6400 computing system for five years at a reduced rate and Control Data will be granted certain preferred positions as far as licenses and royalties are concerned. The agreements between Control Data Corporation and the University are inter-related with license agreements being negotiated by CDC with the University of Illinois Foundation for the hardware and software developments used in the PLATO system.

Negotiations have continued and the terms of the equipment usage grant and lease between the University and Control Data Corporation are substantially as approved by the Board of Trustees at its February meeting except that: (1) the University will now acquire title to the leased system upon the sale of twenty

<sup>1</sup> The Board of Trustees, on July 23, 1969, approved the initial agreement with Cybern Education, Inc., for four lesson sets.

PLATO teaching systems utilizing Control Data computers, or upon the sale or lease of PLATO teaching systems utilizing Control Data computers having at least 20,000 remote teaching terminals, whichever first occurs, and (2) the University will undertake to provide Control Data Corporation a license on all hardware and software improvements in the PLATO system that are conceived in the Laboratory during the next five years. The documents have been revised and tendered to Control Data Corporation upon the express condition of the Board of Trustees taking formal action to ratify and approve the transaction reflected by the documents, which are on file with the Secretary and available to the Board of Trustees for examination. The University's obligation under the documents is also conditioned upon the approval by the Governor of the University's appropriation bill (S.B. 1360) as passed by the Senate and House of Representatives.

Under the original licensing proposals to the Foundation, Control Data Corporation was to be given a license to make and sell PLATO teaching machines, but royalties would have been paid only after thirty PLATO systems had been sold or leased. As a result of subsequent negotiations, the proposed license agreement would now provide that royalty payments will begin after 40,000 terminals have been sold. The change from thirty systems to 40,000 terminals on a royalty-free basis is desirable since any one system could have as few as 250 terminals or as many as 4,000 terminals. The original licensing proposals were to be for a five-year period with automatic renewals. The revised proposal provides for the licenses to continue in effect for one year, with automatic annual renewals for the full lives of the patents, unless Control Data Corporation terminates.

The Executive Vice President and Provost and the Vice President and Comptroller recommend that the Board of Trustees authorize the revisions in the proposal for equipment usage grant and lease arrangements with Control Data Corporation as outlined above, thereby ratifying and approving the transaction reflected in the documents tendered to Control Data Corporation by the University. The effectiveness of the transaction would continue to be subject to the approval by the Governor of S.B. 1360 and the successful completion of appropriate licensing agreements by the University of Illinois Foundation.

I concur.

On motion of Mr. Swain, this recommendation was approved.

#### **PURCHASES**

(36) The President submitted, with his concurrence, a list of purchases recommended by the Directors of Purchases and the Vice President and Comptroller.

The list of purchases was presented in two categories: purchases from appropriated funds (i.e., from state appropriations to the University) and purchases from institutional funds. The latter term designates funds received by the University under contracts with the United States government, contracts with private corporations and other organizations, funds from foundation grants, and grants from corporations and other donors, and University revolving funds authorized by law.

The total amounts of these purchases were:

Recommended from Appropriated Funds.....	\$ 488 221 43
Recommended from Institutional Funds.....	1 083 845 96
<i>Grand Total</i> .....	<i>\$ 1 572 067 39</i>

A complete list of the purchases, with supporting information, including the quotations received, was sent to each member of the Board in advance of the meeting, and a copy is being filed with the Secretary of the Board for record.

On motion of Mr. Swain, the purchases recommended were authorized.

#### **COMPTROLLER'S REPORT OF PURCHASES APPROVED**

(37) The Vice President and Comptroller also submitted a report of purchases approved by him on recommendation of the Directors of Purchases in amounts of \$5,000 to \$7,500. A copy of this report is filed with the Secretary.

This report was received for record.

**COMPTROLLER'S MONTHLY REPORT OF CONTRACTS EXECUTED**

(38) The Comptroller's monthly report of contracts executed was presented.

**Medical Center***New Contracts*

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
Enviro-Med. Inc. A-113	Feasibility of establishing a radiation therapy center in the Medical Center district of Chicago	\$ 24 900

*Change Orders*

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
Presbyterian-St. Luke's Hospital	Evaluation of the marmoset as a laboratory animal in tumor virus research	\$ 15 948
United States Army DADA 17-69-C-9110	Antiradiation drugs—synthesis of merceptoamides	8 000
<i>Total</i>		<hr/> \$ 23 948

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>
Fries Walters Company	Contractor's fees for minor remodeling and new construction: Hospital Addition Building	\$ 8 745
Simpson Construction Company	Contractor's fees for minor remodeling and new construction: General Hospital Hospital Addition—Cobalt room Hospital Addition—Rooms 315-316	7 400 10 163 6 423
<i>Total</i>		<hr/> \$ 32 731

**Urbana-Champaign***New Contracts*

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
United States Army: DAAH-01-70-C-0888	Study of effects of a boundary layer on axisymmetric base pressure in transonic and supersonic flow	\$ 20 370
DABE-29-70-C-0012	Instructional training, meals and lodging for 418th Civil Affairs Company, Kansas City, Missouri	11 976
DABE-29-70-C-0014	Instructional training, meals and lodging for the 307th Civil Affairs Company, St. Louis, Missouri	18 162
United States Department of Health, Education, and Welfare: OEG-0-70-2291(603)	Fellowship for training of workers with handicapped persons	313 000
OEG-0-70-3196(606)	Physical education and recreation for the handicapped	23 000
OEG-0-70-3889(453)	"Upward Bound" program	89 803
OEG-0-70-5511(314)	College library resources program	25 167
United States Department of the Interior—Office of Saline Water 14-30-2631	Diffusion, convection and membrane transport	55 999
United States Navy N00019-70-C-0231	Research program on fracture control of adhesive joints	39 855
United States Office of Civil Defense DAH-C-20-70-C-0346	Conduct civil defense conferences, training courses, and emergency operations simulations	70 308
Washington Metropolitan Area Transit Authority	Behavior of tunnels and excavations in rock and soil	354 000
<i>Total</i>		<hr/> \$1 021 640

*Change Orders*

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
United States Atomic Energy Commission: AT(11-1)1198	Understanding the nature of materials, predominantly solids	\$1 452 000

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
AT(11-1)1199	Studies of rainout of radioactivity in Illinois	71 207
AT(11-1)1683	Relationship of structural and regulatory genes controlling the ability of cells to exist under different environmental conditions	35 750
United States Department of Health, Education, and Welfare:		
OEC-3-7-070706-3118	Establish a national coordinator center for the National Laboratory in Early Childhood Education	166 095
OEG-5-9-230306-0055	Critique of research studies in music education	8 175
United States Navy:		
N00014-67-A-0305-0004	Research on radio frequency spectroscopy	30 000
N00014-67-A-0305-0016	Micromechanical mechanisms in organic solids	31 790
<i>Total</i>		<u>\$1 795 017</u>
		<i>Amount to be Paid by the University</i>
<i>With Whom</i>	<i>Purpose</i>	
Dean Evans Company	Contractor's fees for minor remodeling and new construction: Mechanical Engineering Laboratory	\$ 6 000

### Summary

Amount to be paid to the University:	
Medical Center.....	\$ 48 848
Urbana-Champaign.....	2 816 657
<i>Total</i> .....	<u>\$2 865 505</u>
Amount to be paid by the University:	
Medical Center.....	\$ 32 731
Urbana-Champaign.....	6 000
<i>Total</i> .....	<u>\$ 38 731</u>

This report was received for record.

### INVESTMENT REPORT For the Month of April, 1970

#### Report of the Finance Committee

(39) The Finance Committee reported the following changes in investments of endowment funds:

#### Higginson Fund

Purchase:	<i>Per Cent</i>	
\$5 000 Chesapeake & Ohio Railway 8½ per cent Equipment Trust Certificates due 3/1/82.....	8.50	\$ 5 000 00

#### Pool

Sales:		
\$ 54 000 Associates demand notes.....		\$ 54 000 00
194 000 Commercial Credit demand notes.....		194 000 00
337 shares DuPont common stock.....		36 564 50
2/9 share Royal Dutch Petroleum 20-G shares.....		8 11

#### Purchases:

1 000 shares Del Monte common stock.....	\$ 23 792 38
200 shares General Electric common stock.....	14 900 00
1 000 shares Gulf States Utilities common stock.....	24 125 00
50 shares IBM common stock.....	16 525 00
200 shares Minnesota Mining & Mfg. common stock.....	21 300 00
200 shares Polaroid common stock.....	19 275 00
500 shares RCA common stock.....	15 437 50
20 shares Standard Oil of New Jersey common stock.....	900 00
1 000 shares Transamerica common stock.....	22 625 00
200 shares Xerox common stock.....	18 050 00

**Report of the Comptroller**

The Comptroller reported the following changes in investments of current and unexpended plant funds, which he has been authorized to make:

*Current Funds**Restricted Group**Purchases:*

		<i>Per Cent</i>	
\$ 500 000	Genesco note due 5/25/70.....	8.21	\$494 809 03
1 000 000	Bell & Howell note due 7/1/70.....	8.42	979 604 17
1 000 000	Avco Delta note due 7/3/70.....	8.30	979 236 11
275 000	First National Bank of Chicago working capital acc. due 7/14/70.....	8.40	270 084 37
1 000 000	Amoco Credit note due 8/4/70.....	8.21	974 000 00
1 000 000	B-W Acceptance note due 8/17/70.....	8.24	971 111 11
1 000 000	Clark Eq. Credit note due 9/1/70.....	8.36	971 336 81
300 000	Liberty Loan note due 9/3/70.....	8.36	291 401 04
1 000 000	Arkansas Louisiana Gas note due 9/8/70.....	8.13	968 500 00

*Construction Funds**Faculty Center Building**Purchase:*

	<i>Per Cent</i>	
\$500 000	Jim Walter note due 1/22/71.....	8.65 469 531 25

This report was received for record.

**APPOINTMENTS TO NONACADEMIC POSITIONS FOR 1970-71**

(40) Since the amount included in the FY 1971 budget for salary increases was reduced by the Governor in his budget from the amount approved by the Board of Higher Education, and since the final amount to be appropriated was not determined until late in the legislative session, it was not possible to start preparation of the internal operating budget until seven weeks after the originally scheduled date. Therefore, the budget will not be ready for consideration by the Board until about the middle of August. Appointments and changes in salaries and wages for the nonacademic staff become effective July 1. In order to prepare the July payroll, authorization of payment of salaries and wages proposed for the nonacademic employees for FY 1971 is needed at this time.

The President of the University requests authorization to put into effect, as of July 1, the nonacademic salaries and wages finally recommended for inclusion in the FY 1971 budget. Continuation of these salary and wage scales will be subject to final approval by the Board when the budget is submitted in August.

On motion of Mr. Swain, authority was given as requested.

**LEASE OF 1115 WEST OREGON STREET, URBANA**

(41) The President of the University, with the concurrence of appropriate administrative officers, recommends that the Board of Trustees request the University of Illinois Foundation to enter into a lease of a portion of the lower level (2,135 square feet) of the property at 1115 West Oregon Street, Urbana, for an instructional laboratory for the Department of Dance, at an annual rental of \$6,000 for the period beginning July 1, 1970, and extending until June 30, 1972, and at an annual rental of \$5,400 for the period beginning July 1, 1972, and extending until June 30, 1975, and that the Foundation sublease the space to the University at the same rental on an annual basis.

Funds for minor remodeling and for rental and operation until June 30, 1971, are available in the operating budget of the Department of Plant and Services. Funds required for annual renewals of the sublease and for operation costs after that date will be requested in the budget of the Department of Plant and Services on an annual basis.

On motion of Mr. Hahn, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Hahn, Mr. Hughes, Mr. Steger, Mr. Swain, Dr. Walker; no, none; absent, Mr. Grimes, Mr. Jones, Governor Ogilvie, Mr. Page, Mr. Stone.

### CHANGE ORDER-LEASE-COMPUTER DEPARTMENT OF COMPUTER SCIENCE, URBANA

(42) The usage of computers for education and research centrally located in the Department of Computer Science has grown rapidly over the past several years. The current configuration of leased IBM computer equipment devoted to central computer services for education and research throughout the University is falling seriously behind in view of the rapidly growing use of the computer in these activities. This has resulted in deficiencies and a deterioration of services, especially during three heavy periods of use which occur in July-August, October-November, and April-May.

These operational deficiencies have been called to the attention of the IBM Corporation, who has examined the operations and made a proposal which involves alternate equipment configuration and a change in the program system presently used. These changes should double the present capacity of the 360/75 model computing system. The equipment changes recommended involve an increased rental of \$13,665.50 per month. (Current rental of this system totals \$72,271.50 per month.)

The President of the University recommends, with the concurrence of the Executive Vice President and Provost, the Vice President and Comptroller, and the Dean of the Graduate College, that the Comptroller and the Secretary of the Board of Trustees be authorized to modify the lease agreements with the IBM Corporation, and to execute such contracts and change orders or other appropriate documents as may be necessary to secure the rental of the equipment needed to meet the demands of educational and research computer services as outlined above.

Funds are available in the regular operating budget generated from charges to those departments using the computer.

On motion of Mr. Swain, authority was given as recommended by the following vote: Aye, Mr. Clement, Mr. Hahn, Mr. Hughes, Mr. Steger, Mr. Swain, Dr. Walker; no, none; absent, Mr. Grimes, Mr. Jones, Governor Ogilvie, Mr. Page, Mr. Stone.

### DEGREES CONFERRED

The Secretary presented for record the following lists of degrees conferred on candidates at the Chicago Circle, Medical Center, and Urbana-Champaign campuses on the dates indicated, in accordance with the authorization of the Board.

#### Chicago Circle

#### Summary

*Degrees Conferred September 8, 1969*

#### Graduate College

Doctor of Philosophy.....	1
Master of Arts.....	21
Master of Science.....	16
<i>Total, Graduate College.....</i>	<i>(38)</i>

#### College of Architecture and Art

Bachelor of Architecture.....	9
Bachelor of Arts.....	9
<i>Total, College of Architecture and Art.....</i>	<i>(18)</i>

#### College of Business Administration

Bachelor of Science.....	63
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#### College of Education

Bachelor of Arts.....	8
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#### College of Engineering

Bachelor of Science.....	45
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#### College of Liberal Arts and Sciences

Bachelor of Arts.....	180
Bachelor of Science.....	65
<i>Total, College of Liberal Arts and Sciences.....</i>	<i>(245)</i>

School of Physical Education	
Bachelor of Science.....	10
<i>Total, Degrees Conferred at Chicago Circle September 8, 1969.....</i>	<i>427</i>
<i>Degrees Conferred December 15, 1969</i>	
Graduate College	
Master of Arts.....	12
Master of Science.....	16
<i>Total, Graduate College.....</i>	<i>(28)</i>
College of Architecture and Art	
Bachelor of Architecture.....	13
Bachelor of Arts.....	17
<i>Total, College of Architecture and Art.....</i>	<i>(30)</i>
College of Business Administration	
Bachelor of Science.....	68
College of Education	
Bachelor of Arts.....	21
College of Engineering	
Bachelor of Science.....	34
College of Liberal Arts and Sciences	
Bachelor of Arts.....	191
Bachelor of Science.....	60
<i>Total, College of Liberal Arts and Sciences.....</i>	<i>(251)</i>
School of Physical Education	
Bachelor of Science.....	15
<i>Total, Degrees Conferred at Chicago Circle December 15, 1969.....</i>	<i>447</i>
<i>Degrees Conferred March 23, 1970</i>	
Graduate College	
Master of Arts.....	9
Master of Science.....	13
<i>Total, Graduate College.....</i>	<i>(22)</i>
College of Architecture and Art	
Bachelor of Architecture.....	2
Bachelor of Arts.....	12
<i>Total, College of Architecture and Art.....</i>	<i>(14)</i>
College of Business Administration	
Bachelor of Science.....	51
College of Education	
Bachelor of Arts.....	19
College of Engineering	
Bachelor of Science.....	77
College of Liberal Arts and Sciences	
Bachelor of Arts.....	181
Bachelor of Science.....	45
<i>Total, College of Liberal Arts and Sciences.....</i>	<i>(226)</i>
School of Physical Education	
Bachelor of Science.....	10
<i>Total, Degrees Conferred at Chicago Circle March 23, 1970.....</i>	<i>419</i>
<i>Degrees Conferred June 14, 1970</i>	
Honorary	
Doctor of Humane Letters.....	1
Doctor of Laws.....	1
<i>Total, Honorary Degrees.....</i>	<i>(2)</i>
Graduate College	
Doctor of Philosophy.....	1
Master of Arts.....	17



Master of Science.....	25
<i>Total, Graduate College.....</i>	<i>(43)</i>
College of Architecture and Art	
Bachelor of Architecture.....	32
Bachelor of Arts.....	36
<i>Total, College of Architecture and Art.....</i>	<i>(68)</i>
College of Business Administration	
Bachelor of Science.....	141
College of Education	
Bachelor of Arts.....	79
College of Engineering	
Bachelor of Science.....	136
College of Liberal Arts and Sciences	
Bachelor of Arts.....	613
Bachelor of Science.....	230
<i>Total, College of Liberal Arts and Sciences.....</i>	<i>(843)</i>
School of Physical Education	
Bachelor of Science.....	26
<i>Total, Degrees Conferred at Chicago Circle June 14, 1970.....</i>	<i>1,337</i>

**Medical Center***Degrees Conferred September 6, 1969*

College of Dentistry	
Bachelor of Science.....	52
Doctor of Dental Surgery.....	5
<i>Total, College of Dentistry.....</i>	<i>(57)</i>
College of Medicine	
Doctor of Medicine.....	1
College of Nursing	
Bachelor of Science.....	14
College of Pharmacy	
Bachelor of Science.....	2
<i>Total, Degrees Conferred at the Medical Center September 6, 1969..</i>	<i>74</i>

*Degrees Conferred December 13, 1969*

College of Dentistry	
Bachelor of Science.....	1
Doctor of Dental Surgery.....	2
<i>Total, College of Dentistry.....</i>	<i>(3)</i>
College of Nursing	
Bachelor of Science.....	11
College of Pharmacy	
Bachelor of Science.....	1
<i>Total, Degrees Conferred at the Medical Center December 13, 1969..</i>	<i>15</i>

*Degrees Conferred March 21, 1970*

College of Nursing	
Bachelor of Science.....	5
College of Pharmacy	
Bachelor of Science.....	2
<i>Total, Degrees Conferred at the Medical Center March 21, 1970.....</i>	<i>7</i>

*Degrees Conferred June 12, 1970*

Honorary	
Doctor of Science.....	1
Graduate College	
Doctor of Philosophy.....	29
Master of Science.....	36

Master of Science in Nursing.....	14
<i>Total, Graduate College.....</i>	<i>(79)</i>
College of Dentistry	
Doctor of Dental Surgery.....	84
College of Medicine	
Doctor of Medicine.....	193
School of Associated Medical Sciences	
Bachelor of Science in Medical Art.....	4
Bachelor of Science in Medical Record Administration.....	13
Bachelor of Science in Medical Technology.....	20
Bachelor of Science in Occupational Therapy.....	25
<i>Total, School of Associated Medical Sciences.....</i>	<i>(62)</i>
College of Nursing	
Bachelor of Science.....	69
College of Pharmacy	
Bachelor of Science.....	<u>137</u>
<i>Total, Degrees Conferred at the Medical Center June 12, 1970.....</i>	<i>625</i>

### Urbana-Champaign

*Degrees Conferred June 20, 1970*

Honorary	
Doctor of Fine Arts.....	1
Doctor of Science.....	1
Doctor of Letters.....	1
<i>Total, Honorary .....</i>	<i>(3)</i>
Graduate College	
Doctor of Philosophy.....	240
Doctor of Education.....	28
Doctor of Musical Arts.....	3
Master of Arts.....	231
Master of Science.....	423
Master of Music.....	25
Master of Education.....	192
Master of Social Work.....	94
Master of Fine Arts.....	11
Master of Television.....	1
Master of Architecture.....	8
Master of Accounting Science.....	22
Master of Business Administration.....	22
Master of Commerce.....	6
Master of Extension Education.....	2
Master of Landscape Architecture.....	3
Master of Urban Planning.....	16
Advanced Certificate.....	17
Certificate of Advanced Study in Librarianship.....	2
<i>Total, Graduate College.....</i>	<i>(1,346)</i>
College of Agriculture	
Bachelor of Science.....	280
College of Engineering	
Bachelor of Science.....	344
College of Liberal Arts and Sciences	
Bachelor of Arts.....	995
Bachelor of Science.....	635
<i>Total, College of Liberal Arts and Sciences.....</i>	<i>(1,630)</i>
College of Law	
Juris Doctor.....	104
College of Education	
Bachelor of Science.....	213

College of Commerce and Business Administration	
Bachelor of Science.....	263
College of Communications	
Bachelor of Science.....	146
College of Fine and Applied Arts	
Bachelor of Architecture.....	84
Bachelor of Arts.....	2
Bachelor of Fine Arts.....	92
Bachelor of Landscape Architecture.....	13
Bachelor of Music.....	15
Bachelor of Science.....	56
Bachelor of Urban Planning.....	9
<i>Total, College of Fine and Applied Arts.....</i>	<i>(271)</i>
College of Physical Education	
Bachelor of Science.....	66
College of Veterinary Medicine	
Bachelor of Science.....	65
Doctor of Veterinary Medicine.....	64
<i>Total, College of Veterinary Medicine.....</i>	<i>(129)</i>
<i>Total, Degrees Conferred at Urbana-Champaign June 20, 1970.....</i>	<i>4,795</i>

## CHICAGO CIRCLE

*Degrees Conferred September 8, 1969*

## GRADUATE COLLEGE

**Degree of Doctor of Philosophy***In Chemistry*

SIDNEY F. BOSEN, B.S., George Washington University, 1963

**Degree of Master of Arts***In English*

CATHARINE ELIZABETH DOLAN, B.S., 1936

JOANN MARIE FARRELL, A.B., Mundelein College, 1967

CONSTANCE CASSIDY MAHAFFEY, B.A., Roosevelt University, 1968

MAUREEN LEE MCCORMACK, B.S., Loyola University, 1967

MICHAEL PATRICK PURCELL, A.B., 1967

*In History*

BRIAN C. BOLAND, A.B., 1967

STANLEY ALOYSIUS GALLAS, JR., A.B., 1968

BLANCHE GLASSMAN HERSCH, B.A., Brooklyn College, 1946

EUGENE STANLEY PERSHA, B.A., University of Minnesota, 1965

WINFRIED ADOLF SEELIG, A.B., 1968

THOMAS PHILLIP STEPHEN, A.B., 1968

KATHRYN LOUISE WILSEY, B.A., Scripps College, 1968

*In Mathematics*

DANIELLE ANN JANNINCK, B.A., Rosary College, 1964

*In Psychology*

DOUGLAS MELVIN ANGELL JOHNSON, B.A., Blackburn College, 1964; M.A., Loyola University, 1967

CONSTANCE S. CAMPBELL, B.A., Duke University, 1963

SUSAN MERYL KORNBLUM, B.A., Cornell University, 1963

CAROL P. PETERSON, B.A., Washburn University, 1965

ROBERT WARNER RATZEL, B.S., 1966

HUBERT HOBBS REHM, B.S., East Carolina College, 1964

RICHARD EARL TESSEL, B.A., University of California, 1966

*In Sociology*

RICHARD SCHLEY COHEN, B.A., Northwestern University, 1967  
 WILLIAM LEE ERICKSON, B.A., Morningside College, 1963; B.D., Concordia Seminary, University of Minnesota, 1964  
 ANN GAIL LEVICK SMITH, B.A., 1966

**Degree of Master of Science***In Biological Sciences*

ROBERT CHARLES HOLSEN, JR., B.A., Wittenberg University, 1967

*In Energy Engineering*

HWANG-CHENG CHIU, B.S., Taiwan Cheng Kung University, 1965

*In Mathematics*

NORMAN WAYNE ANDERSON, B.A., North Park College, 1967  
 JANET LEE CHIEN, B.S., Taiwan Normal University, 1963  
 SHYAM JOHARI, B.S., University of Jodhpur, 1965  
 KAI-JAUNG PEI, B.S., Taiwan Normal University, 1966  
 MARJORIE KEANE OLSON, B.S., Roosevelt University, 1968  
 GAIL ELISE TVERBERG, B.A., Saint Olaf College, 1966  
 MARGARET MARY URBAN, B.A., Saint Joseph College, 1968  
 JAMES EDWARD ZAJICEK, B.S., 1968

*In Mechanics and Materials*

CHEUK HON LEE, B.S., 1968  
 SAMUEL LIU, B.S., 1968

*In Physics*

ANTHONY MOMOSE, B.S., Loyola University, 1957  
 JOEL NELSON HOFSLUND, B.S., University of Chicago, 1965

**COLLEGE OF ARCHITECTURE AND ART****Degree of Bachelor of Architecture***In Building Technology*

KENNETH JOHN KUNESH                      JAMES DAVID MARTINA

*In Design*

YORAM BRAGINSKY	PETER ALEXANDER POR
JAMES EDWARD COLLINS	MARTIN PAUL SEXTON
CHARLES BEN MATTSON	ADRIAN DEVAUN SMITH
JOHN FRANKLIN PADOUR	

**Degree of Bachelor of Art***In Design*

ROCHELLE IDA BASS	DENNIS JOSEPH PATERNOSTER
WILLIAM JOSEPH GRABINSKI	JOHN CARMELO SAPIENZA, Honors
PAUL MITCHELL IDEC	SANDRA JEAN WOZNIAK
RUTH PATRICIA KOVAL	

*In Plastic and Graphic Arts*

JOAN MARIE EVANCHUK                      LYNDA MOEHLING ROSCHKE, High Honors

**COLLEGE OF BUSINESS ADMINISTRATION****Degree of Bachelor of Science***In Accounting*

COLLIN DAVID ALPERT	JAMES SHANNON DiSTASIO
CHARLES JOHN BURKOT	MARK BENNETT HIRSCH
BRUCE ALFRED CAMPBELL	THOMAS WAYNE KOEPL
DARRYL ALLEN DIAMOND, Honors with Distinction in Accounting	JOHN H. KUNATH
	THOMAS EDWARD LUKASZEWSKI

ALLAN RAYMOND MAJCA  
PAUL AUGUST MERKEL  
RUSSELL YOSHIO OKASAKO  
WILLIAM WALTER POZDOL  
WILLIAM JOSEPH SIDLAUSKAS

PETER JOSEPH TAGLIA  
MICHAEL THOMAS WALSH  
DOUGLAS RAYMOND WILKIEL  
KAREN LYNN WORKMAN

*In Economics*

PETER WALTER ANDJELKOVICH  
JAMES ALLAN BURIC  
JAMES LAWRENCE EDGAR  
THOMAS FRANCIS FITZGERALD

MICHAEL JOSEPH HARTZ  
THOMAS FRANKLIN MICHELBAUGH  
PHILLIP SAMUEL SLOANE  
LARRY ROBERT TANNHEIMER

*In Finance*

DENNIS JAMES GRANT, Honors with  
Distinction in Finance  
FRANK NICHOLAS MARAFFINO  
WILLIAM BRIAN QUINN

DANIEL STANLEY SOBCHYNSKI  
CHARLES DAVID ZIS, Honors with Dis-  
tinction in Finance

*In Management*

JAMES WILLIAM CURLEY  
WILLIAM JAMES HIBBLER  
ROBERT HOWARD  
RUSSELL LESTER JANES  
ROBERT THOMAS JOSTES  
WILLIAM EUGENE JOYCE  
JOHN ZIEDONIS KEZBERS  
ROBERT WILLIAM LAFRENIER

EUGENE MALANGA  
LANCE EDWARD PERRIN  
BRUCE JOSEPH SIRCHIO  
ALAN DAVID SLIVINSKI  
ARTHUR JOHN SOLVERSON  
ANDREW JOSEPH TARICO  
DALE ALAN THEISS

*In Marketing*

SIDNEY HOWARD BASKIN  
GENE JOSEPH BLAKE  
CHARLES LAWRENCE BRUMM  
THOMAS JOHN CZAPKA, Honors with  
High Distinction in Marketing  
MARK J. GORDON  
CRAIG NORMAN JORGENSEN, Honors with  
Distinction in Marketing  
BRIAN EDWARD JOYCE

EUGENE JOSEPH KUCHARCZYK  
TIMOTHEE DRISCOLL PERSSON  
JOSEPH PICKARD, Honors with Distinc-  
tion in Marketing  
RALPH THOMAS RONNBECK  
DAVID MICHAEL SHANAHAN  
TIMOTHY EDWARD WALINSKI  
DAVID JOSEPH WEAVER, Honors with  
Distinction in Marketing

*In Quantitative Methods*

JILL POMEROY CHRISTIANSEN  
JERRY GORDON LANGLEY, Honors with  
High Distinction in Quantitative  
Methods

GARY MICHAEL ROSS

**COLLEGE OF EDUCATION**

**Degree of Bachelor of Arts**

*In Elementary Education*

LINDA MARIE CONNOLLY  
MARY ANN DELANEY, Honors  
COLOMBA MADELINE DICIOLLA, Honors  
JUDY ELAINE GINSBURG, Honors  
CLAUDA ANN GRAFTON, Honors

GERALDINE JOZWIAK KALCK, Honors  
PRUDENCE GRACE SHINN  
JOANNE MARIE ZDEBSKI  
DIANE MARIE ZIELINSKI, Honors

**COLLEGE OF ENGINEERING**

**Degree of Bachelor of Science**

*In Engineering*

HARRY JOE ABELMAN  
STUART GORDON ABRAMS

RICHARD CHESTER ADAMCZEWSKI  
HENRY BARAN

ERNEST DONALD BAUR  
 CORWYN MEL BERGER, High Honors  
 ALAN JAY DAVIS  
 THOMAS DECHANT  
 JOSEPH ANTHONY DILORIO  
 EVANGELOS PANAGIOTIS DIMOPOULOS  
 ALLEN EUGENE DREWS  
 BARRY LEE GILBERT, High Honors  
 LAWRENCE WILLIAM GLAUM  
 GEORGE HARITOS  
 JOHN ALBERT HUGHES, Highest Honors  
 JOHN IVASHCHENKO  
 EDMUND PETER KAWA, Honors  
 STEPHEN JAMES KENDZIORSKI  
 MARK JOHN KLEIN  
 RICHARD KULINSKI  
 LESTER PAUL LASKOWSKI  
 RICHARD LAP-CHEE LEUNG  
 THEODORE JOHN LOUZON  
 STEPHEN FRANCIS MACHON, Jr.  
 JOSEPH FRANCIS MORRISON, Jr.

CLIFFORD ALAN NELSON  
 ROBERT FRANK NOVAK, Honors  
 SEPP OBERLE  
 THOMAS DANIEL OSTROWSKI, Jr.  
 KENNETH NEIL OTTERBACHER  
 PHILLIP PARTIPILO, Honors  
 CASIMIR HENRY PIROG  
 HERMAN JOSEF REGERT  
 ANTHONY REJERIS, Honors  
 WILLIAM JOHN SCHADE III  
 KENNETH WILLIAM SEATON  
 LOUIS AARON SHORR  
 GREGORY EARL SMITH  
 THOMAS EDWARD SWIERK  
 DON ROBERT TAYLOR  
 THOMAS JOSEPH TRAKSZELIS  
 GEORGE MARTIN VETH  
 THOMAS EDWIN WACHTOR, High Honors  
 JUSTIN THADDEUS ZAMIROWSKI  
 NORMAN STANLEY ZAREMBA

#### COLLEGE OF LIBERAL ARTS AND SCIENCES

##### Degree of Bachelor of Arts

###### *In the Administration of Criminal Justice*

RAMON C. ANDERSEN  
 ROBERTA CECILIA DORF  
 MICHAEL EDWARD ROCHOWIAK  
 MICHAEL JAY ROVELL, Honors in Lib-  
 eral Arts and Sciences

LEON CABOT SMITH  
 OLIVER MAXWELL SPURLOCK  
 RONALD JOSEPH SZYMANSKI

###### *In Liberal Arts and Sciences*

JOSEPH PETER AIELLO  
 RUSSELL STUART BAIM  
 JUDY BOKSENBAUM BAKSHY, Honors in  
 Liberal Arts and Sciences  
 KENNETH HOWARD BARRY  
 ALBERT LEROY BENNETT  
 NANCY AGNES BENSON, Honors in Lib-  
 eral Arts and Sciences with Dis-  
 tinction in German  
 PETER LEO BIEGEL  
 MARGARET GALAYDA BONKOWSKI, Hon-  
 ors in Liberal Arts and Sciences  
 JOHN THADDEUS BOZEDAY  
 RONALD EDWARD BRANDT  
 SUSAN NAOMI BREYER  
 PATRICIA ANNE BURKE  
 PAUL ERIC BUTLER, Honors in Liberal  
 Arts and Sciences with Distinction  
 in Sociology  
 CHARLENE CALHOUN  
 PASQUALE CANTARELLI  
 JUSTINE KOVIC CHVAL  
 ELIZABETH ANN CIARDULLO  
 ROBERT DENNIS CLAESSENS, Honors in  
 Liberal Arts and Sciences  
 JOHN GEORGE COOK, Honors in Liberal  
 Arts and Sciences  
 MARCIA ANN COOPERMAN  
 JOEL COPLON

JAMES CHARLES CRIMMINS, Honors in  
 Liberal Arts and Sciences  
 ELIZABETH ANN CRONIN  
 CAROL MARGELLI CURRY  
 MARILYN K. DANTICO  
 RICHARD EDMUND DESSIMOZ  
 BARBARA LYNN DINITZ, Honors in Lib-  
 eral Arts and Sciences  
 JOHN WALTER DOUARD  
 MAYNARD H. DUBOW  
 HERBERT DUPREE  
 CATHERINE FISHER DUQUE  
 ROBERT EMLYN EDWARDS  
 MARY DELORES ENGLISH  
 ROBERT EDWARD FANTER  
 KEITH NOEL FAUST  
 MARGARET TERESA FAY  
 JUNE DIANE FERGUSON  
 RICHARD HAROLD FORD  
 ALEXANDER ALBERT GAIRABETOFF  
 DAVID GARBAR  
 PERICLES BASIL GEORGES  
 HARLEY ELLIOT GOLD  
 LESLIE SUSAN GOLDBAUM  
 KATHRYN KRISTAK GOMBIS, Honors in  
 Liberal Arts and Sciences  
 LYLE GEORGE GOMM  
 RICHARD LEE GORDON  
 ANITA MARIE GOREY

JEAN DOORNBOS GOUWENS  
 LAWRENCE RAY GRUBB  
 OLEH STEPHEN HANOWSKYJ  
 MARGUERITE MAY HAYES  
 WILLIAM CHARLES HEHR  
 LEE ALLAN HIRSCH  
 ANNE JEANETTE HOFFENKAMP  
 MICHAEL STANLEY HOLEWINSKI  
 WILFRED HORN  
 ROBERT SAMUEL HORWITZ, Honors in  
     Liberal Arts and Sciences  
 LINDA JOANNE HOSEK  
 JAMES ASHLEY HUDSON, JR.  
 SHELDON RAY HUROVITZ  
 ROBERTA ISHII, Honors in Liberal Arts  
     and Sciences  
 IRENE CHRISTINE ITNER  
 BEVERLY JOHNSON JACKSON  
 JAMES THOMAS JACKSON  
 LESTER ERWIN JACOBSON, JR.  
 WALTER IRVING JONES  
 DAVID L. JUDY  
 JUNE AKIKO KAITA  
 FRANCIS EUGENE KAZEMEK, Honors in  
     Liberal Arts and Sciences  
 LAWRENCE ANTHONY KEILLOR  
 ELIZABETH WALLER KESSLER  
 RALPH ARNOLD KETCHUM  
 KAREN DOROTHEA KETELS  
 JOHN WARNER KLOEPFER, Honors in  
     Liberal Arts and Sciences  
 MICHAEL ALLAN KOLAR  
 ANNA HELEN KOZAK  
 MARTIN ALBERT KREMER  
 LESTER PAUL KREYER  
 ELLEN JEANNE KROZELL  
 BENJAMIN ROBERT KUGLER  
 JAMES JOSEPH KULA  
 MARLEEN JOYCE LAKIN  
 CAROL GRIFFIN LAWRENCE  
 JUDITH ROBERTA LESLIE  
 JACK BERND LEVIE  
 GORDON HERMAN LEWANDOWSKI  
 JILL MANSCHOT LEWIS  
 JACK LOVEJOY  
 JANET ELIZABETH MANNING  
 MARION KATHLEEN MASON  
 MARY FRANCES MCAULIFFE, Honors in  
     Liberal Arts and Sciences  
 VICTOR LEE MICHELS  
 RHONA NADINE MITCHELL  
 CAROL ELIZABETH MOSELEY  
 WAYNE ARTHUR MUNDAY  
 ELAINE GAIL NACHMAN  
 MICHAEL THOMAS O'HALLORAN  
 ROBERT LEE PALAZOLA, JR.

JAMES CHRISTOPHER PAWELSKI  
 THOMAS JOSEPH PESTKA  
 MATTHEW WILTON PETERS, Honors in  
     Liberal Arts and Sciences  
 ROBERT RONALD PETERS  
 DELWIN ROBIN PETERSON  
 ELIZABETH ANN PIEZA  
 LAURA ROSEMARY PILARCZYK  
 RUTH ANN HERMSMEIER POGUE  
 RAYA RACHEL POLATSCHEK  
 JAMES FRANCIS POLINSKI  
 PRISCILLA FRANCES POMAZAL  
 LISA ELIZABETH POPP, Honors in Lib-  
     eral Arts and Sciences  
 RICHARD ALAN PROVANCAL  
 CHRISTINE ANN PRZYBYLO  
 PENELOPE LYNNE PULLEN  
 JULIUS CONSTANTINE RINGUS, Honors in  
     Liberal Arts and Sciences  
 RALPH RIVERA  
 CARMELO RODRIGUEZ  
 PHYLLIS CASTLE RODRIGUEZ, Honors  
 ALFRED GREGORY RONAN  
 ROBERT RICHARD ROSENTHAL  
 MICHAEL RALPH ROUSE  
 WILLIAM GEORGE SACK  
 SALVATORE ALFRED SAMBATARO  
 DANIEL MATHIAS SAMPSON  
 RONALD DAVID SANFIELD, Honors in  
     Liberal Arts and Sciences  
 ELAINE LYNN SCHAIN  
 JANET SCHEK  
 EDWARD LOUIS SCHUR  
 JOYCE SCHWUCHOW  
 ILENE DIANA SHRAER  
 BEVERLY KOLODNY SIEGEL, Honors in  
     Liberal Arts and Sciences  
 PAUL LOUIS SKALUBA  
 DIANE LEE SLIWA  
 DUSHANKA STEVANOVICH, Honors in  
     Liberal Arts and Sciences  
 BOBBY JEAN STONE  
 NIJOLE ONA STRAVINSKAITE  
 JOSEPH JOHN SZYMANSKI  
 SUSAN O'TREMBIAK TORSBERG  
 WILLIAM LAWRENCE TROBAUGH  
 ROBERT JOHN UHE  
 DAVID ALAN WARNEK  
 GRACE WATANABE  
 MARC FRANCHOT WEISS  
 ADELE SECKUS WELLS  
 ANN SYDELL WILSON  
 LESZEK-AUGUST WOLKOWSKI, Honors in  
     Liberal Arts and Sciences  
 WILLIAM JEROME ZAKAVEC

*In the Teaching of English*

BARBARA ROSE HALL  
 KATHLEEN MARIE JAYCOX, Honors in  
     Liberal Arts and Sciences  
 GAIL BOOKHOUT JONES, Honors in Lib-  
     eral Arts and Sciences

THOMAS PHILIP KAISER  
 BETSY A. LUCSAY  
 CAROLE D. KALLANSTRUDE RAGAIN  
 CAROL ANNE WILLIAMS  
 JOYCE ZIMMERMAN

*In the Teaching of French*

NORMA DEBIASIO HUIZENGA, Honors in Liberal Arts and Sciences      IRIS LIEBENSTEIN WAITZ, Honors in Liberal Arts and Sciences

*In the Teaching of German*

PATRICIA CLANCY DAVIS, Honors in Liberal Arts and Sciences      IRENE RUENNE, Honors in Liberal Arts and Sciences  
CHERYL ANN O'MEARA      HORST SCHLIESSKE, Honors in Liberal Arts and Sciences  
MARGARET KOCZIAN RICE, Honors in Liberal Arts and Sciences

*In the Teaching of History*

JOSEPH EDWARD BOYD      SCARLETT HALL THOSS  
SHARON GAIL JUNTUNEN      ROMELLE F. WINTERS  
JENNIFER POND NEIS

*In the Teaching of Political Science*

JEROME JOHN CWIOK

*In the Teaching of Sociology*

SHARON JEAN DICKSON

*In the Teaching of Spanish*

JOSEPHINE CATHERINE FORTUNATO      PAMELA STERN HENDRICKSEN  
JEAN ANN HEJTMANEK

**Degree of Bachelor of Science***In Chemistry*

JAMES ADOLPH BRADSHAW      THOMAS LOUIS PETRIE  
PETER SIMON ELLIS      CRYSTAL ANN VERPLANKE  
WELLINGTON LEE

*In Liberal Arts and Sciences*

IMRE GEORGE ALMASSY, Honors in Liberal Arts and Sciences      NICHOLAS BELITCHE KOURUKLIS  
JOHN LELAND BAKER      NANCY HAHN LANGE  
MAURICE FELIX BENDER      HAROLD LEVINE  
ROBERT FREDERICK BENNING      MANUEL G. LIRISTIS  
JOEL BERNSTEIN, Honors in Liberal Arts and Sciences with Distinction in Mathematics      MARIE PEARL LOCKHART  
PAUL CLARENCE BISCEGLIA      BARBARA LYNN MADENBERG, Honors in Liberal Arts and Sciences  
ROBERT FRANK BOSCO      JOHN ANTHONY MERSKIN  
FRANK JOHN BRAJE      JOHN DAVID NEMETH  
STANTON KEITH DELANEY      ERNEST MICHAEL PHEL, JR.  
ROBERT HOWARD FOX      ALAN CARL RIETESSEL  
ANDREW FURIO      MARTIN STEVEN ROBIN  
FREDERICK WILLIAM GEBAROWSKI      MICHELE RABEN SHELL  
JACQUELINE MARIE GORKA      CHARLES MICHAEL SICHER  
LUCINDA SMITH HALL, Honors in Liberal Arts and Sciences      CRAIG ALAN SMORYNSKI  
MARTHA GOJDAS HARR      JERRY LAVERN WALKER  
ARTHUR FRED HIRSCH, Honors in Liberal Arts and Sciences      ARENE EUSKEL WANE  
GEORGE JAMES JILEK III      STANLEY FRED WATSON  
JOHN DERMOT KELLY, Honors in Liberal Arts and Sciences      GERARD RAYMOND WEIS, Honors in Liberal Arts and Sciences with Distinction in Mathematics  
HERBERT M. ZINSER

*In Physics*

BARRY BERK, Honors in Liberal Arts and Sciences      RAYMOND JOHN DAGENAIS  
DONALD JAMES CACIOPPO      JOHN DAVID DEHAAN  
LAWRENCE RAYMOND CECCHINI, Honors in Liberal Arts and Sciences      ALETA OZINE DORSEY  
ROGER JOHN FLAMMANG  
GERHARD CLEMENT HOFFMANN



JEROME EDWARD MAJEWSKI, Honors in Liberal Arts and Sciences with Distinction in the Curriculum	ALBERT REITSMA III
EDWARD MICHAEL MASLOWSKI	JAMES JOSEPH SIENICKI, Honors in Liberal Arts and Sciences with Distinction in the Curriculum
KASTYTIS JOHN MILLER	

*In the Teaching of Biological Sciences*

ROMAN GEORGE JANOWSKI

*In the Teaching of Geography*

SUSAN REBUCK

*In the Teaching of Mathematics*

ELLEN KATHRYN BIEBEL

PATRICIA JUDITH BLUS, Honors in Liberal Arts and Sciences with Distinction in Mathematics

LOIS MILDRED CIZ

WILLIAM EUGENE DIVYAK

RUTH HOLLINGSWORTH HEACOCK

PHYLLIS ORLANDA TATE, Honors in Liberal Arts and Sciences

ANDREA LEE VASSILOS, Honors in Liberal Arts and Sciences with Distinction in Mathematics

*In the Teaching of Physics*

JAMES CHRISTIAN SLAVICEK

## SCHOOL OF PHYSICAL EDUCATION

## Degree of Bachelor of Science

*In Physical Education*

PATRICIA JEAN BENJAMIN, Honors

JUDITH CLARIE BRINKMAN

JOHN RICHARD GARRITANO, Honors

ANTHONY CLAUDE LAVORATO

MILTON EDWARD LENNERT

PHYLLIS JOYCE LUNKLEY

JAMES MICHAEL NELSEN

RICHARD ALAN PRIZANT

ROBERT JAY WEICH

RONALD LEE WIDSTRAND

*Degrees Conferred December 15, 1969*

## GRADUATE COLLEGE

## Degree of Master of Arts

*In English*

JAMES GEORGE GANNON, Ph.B., Loyola University, 1951

SYBIL MARTHA SOSIN, A.B., 1968

RADHA SRINIVASAN, B.A., Annamalai University, 1960

*In History*

ELLEN WREN ANDERSON, A.B., 1967

ARTHUR LEE CARLSON, B.A., Illinois College, 1965

ROBERT CHESTER CUDEK, A.B., 1968

DEREK LESLIE HACKETT, B.A., University of Lancaster, 1968

FRANK JOSEPH HAJEK, States Examination, Masaryk University, 1947

MOSHE JACOBUS, A.B., 1967

ROBERT MATHEW MACALA, B.A., Bowling Green State University, 1964

*In Mathematics*

CHERYL HANELL PETERSON, B.A., North Park College, 1968

*In Psychology*

TERRY RICHARD SANDERS, A.B., 1968

## Degree of Master of Science

*In Biological Sciences*

KENNETH ROBERT GROH, B.S., 1967

RAY ALAN KIPNIS, B.S., 1967

JAMES FISHER VAN KENNEN, B.A., Wesleyan University, 1966

*In Chemistry*

ARTHUR ELIOT SIEGEL, B.S., Rensselaer Polytechnic Institute, 1966

*In Energy Engineering*

KARTIK CHANDRA MAJUMDAR, B.S.C., Bangabasi College, 1957

*In Mathematics*

BRUCE MICHAEL JACOBSON, B.S., 1967

RICARDO ANIBAL LOSADA, B.S., Universidad Nacionale de Colombia, 1964

PATRICK PASCHAL MCBRIDE, B.S., University of Nebraska, 1968

*In Mechanics and Materials*

WILLIAM EDWARD DILLON, B.S., 1968

GEORGE P. FESTAS, B.S., 1968

WILLIAM JOHN HAWES, B.S., 1968

RONALD FRANK KULAK, B.S., 1964

DEMETRIOS NICHOLAS MARAS, B.S., 1968

*In Physics*

NEELAM BHALLA, M.Sc., Agra University, 1967; B.S., 1969

STEPHANIE A. HARPER, B.S., Illinois Institute of Technology, 1965

SIRAJ MUJTABA KHAN, B.S.C., Sind University, 1959

**COLLEGE OF ARCHITECTURE AND ART**

**Degree of Bachelor of Architecture**

*In Building Technology*

JOSEPH RAYMOND KRUSINSKI

JAMES THOMAS McNALLY

*In Humanities*

FRED HOWARD ZINKE

*In Design*

EVA ANIELA BUCHOWSKI

JAMES STANLEY LOVEALL

THOMAS ANDRE FORMAN

DANIEL STEVEN SAGAN

SALVATORE DANIEL GANNELLO

DONALD SHAPIRO

EDWARD EUGENE HALE

CHARLES SMITH

DAVID LEWIS JACOBOWSKI

MARVIN SEYMOUR ULLMAN

**Degree of Bachelor of Arts**

*In Art Education*

JANETTE RAE COWAN

BARBARA RAIFF

*In Design*

NANCY JEAN BAUGHMAN

LEROY HAROLD KLEIDON

CAROLLYN LEE GOLDMEIER

MATI MALDRE

CHERYL STENSLIK HUPPENTHAL

JOHN PHILIP MAYER

*In the History of Architecture and Art*

DONNA JILL HERWITT, Honors with  
Distinction in the History of Archi-  
tecture and Art

IRENE CHARLOTTE NIEBAUER

KATHLEEN ANNE WENDELL, Honors with  
High Distinction in the History of  
Architecture and Art

CARLAJEAN KACHMAR

*In Plastic and Graphic Arts*

ROBERT ALAN BEMI

LOIS FRIFELD, Honors with Distinction  
in Plastic and Graphic Arts

KATHLEEN MARY BRADLEY, Honors with  
High Distinction in Plastic and  
Graphic Arts

LINDA ULEN HILLIS

LINDA ANN HIRSCH

## COLLEGE OF BUSINESS ADMINISTRATION

## Degree of Bachelor of Science

*In Accounting*

HARRY WILLIAM ARDINGER	THADDEUS ADAM KLICHOWSKI
JOHN LYNN ATWOOD, Honors with Distinction in Accounting	EDWARD CARL KOLACZEWSKI
JAMES HERBERT BENNETT	LEO LEONARD KOMOSA
CINDY LOUISE BROUGHTON	STEVEN MESSNER
LEON RICHARD DAVIDSON	WILLIAM COLEMAN SOLAR
ROBERT PAUL DEL CIELLO, Honors with Distinction in Accounting	JOHN BRIAN TATE, Honors with Distinction in Accounting
RICHARD PETER DELEVITT	HARVEY IRVING WEINSTEIN
JOSEPH ANTHONY GIRALAMO, Jr.	JOHN GEORGE WIEDEMANN
MARTIN HAROLD GRAFF	JAY STEVEN ZABEL, Honors with Distinction in Accounting

*In Economics*

MICHAEL JOHN BILAS	JOHN LEROY MORAN
JOHN CHARLES CONTA	DENNIS LEE OLEKSY, Honors with Distinction in Economics
IRENE ANNA DURBAK	STANLEY SIMON OSTROWSKI, Jr., Honors with Distinction in Economics
HAL KENT EVERETT	JOSEPH LEON PIERCE
ALAN JEROME GOLDBERG	CLAUDIO RICCI, Honors with Distinction in Economics
PAUL ALAN HARTMANN	LAURENCE EDWARD SIMON
RICHARD CHARLES KLEIN, Honors with Distinction in Economics	PHILLIP SUSSMAN
CASIMIR THOMAS KOZA	
JOHN HENRY LINK	

*In Finance*

JOHN ANTHONY BRANKLINE, Jr.	JAMES THOMAS KUPFERER
HARRY CHERKASKY	FORREST MARK SCHNEIDER, Honors with Distinction in Finance
RICHARD ALLEN HELFAND	GLENN ROBERT TILLES
ROBERT CARROLL KING	
ARLENE BURNS KOLE	

*In Management*

STEVEN PHILLIP BALTA	RICHARD WAYNE PENDLETON
DAVID THOMAS BARENBRUGGE	JOHN JOSEPH PETRZILKA
FRANK CESARIO	MATTHEW JOHN POSKONKA
JOSEPH ANTHONY DE LOPEZ	MICHAEL RYAN
ERIK JOHAN GODVIK	DALE CARL SCHIMAN
MARSHALL HENRY HUTH, Jr.	GERALD RICHARD VAN EYNDE
WAYNE CHARLES LANGE	JOSEPH JOHN WALSH
LEO JOSEPH MCANDREWS	DAVID S. YEH
PETER PHIL PALLAS	

*In Marketing*

CLARA AVERKIOU	WILLIAM ALEXANDER LAASE
IRA HOWARD BAYGOOD	RICHARD ALLEN RYSDON
ROBERT JOSEPH BYRNES	TERRY STEVEN TARGOS, Honors
HERBERT LEON DUBIN	PHILLIP GEORGE ZACK
JEFFREY CRAIG HODGSON	

## COLLEGE OF EDUCATION

## Degree of Bachelor of Arts

*In Elementary Education*

CHERYL RUBSTROM BUCKO, Honors	MARION VIRGINIA GIELCZEWSKI, Honors
KATHRYN JAMES CHILIS, Honors	LESLIE JANE GREENFIELD
MARY SUE CHINSKY	NANCY BRUMLEY JARVIS, Honors
KATHLEEN ELSA DUNKER, Honors	MARLENE SUE KALUZNA, Honors

LINDA SUE LAWSON, Honors  
 RONNA KALMAN LEVY  
 DOROTHY MOROWCZYNSKI  
 DIANE MARSHA NEUMAN, Honors  
 MIRIAM PINKUS  
 LINDA JEAN PRAFKE, Honors  
 LINDA LEA PRUSAK, Honors

JOAN LOUISE QUIGLEY  
 RENEE LYNN RABIN, Honors  
 ELIZABETH REICH ROUSE, Honors  
 ANNETTE SALTZMAN  
 CATHY LYNN SCHLOCKER  
 CAMILLE ANN TROINELLO, Honors

### COLLEGE OF ENGINEERING

#### Degree of Bachelor of Science

##### *In Engineering*

THOMAS PETER ANDRIACCHI  
 MARK HILLARD CHERTOW  
 JAMES ALAN DAUER  
 ROBERT CHARLES EICHLER  
 VERNON PETER EINHORN, Honors  
 BARRY FEINSTEIN  
 MICHAEL ANTHONY FERRARO  
 ROBERT BERNARD FULL  
 PETER MICHAEL GARITE  
 MOSHE GOLD  
 DAVID EUGENE HANN  
 ROBERT CHARLES HARDING  
 JAMES ANTHONY HOMOLY  
 JEROME ROBERT KACZOROWSKI  
 YONG DOO KIM  
 ROBERT CHRISTIAN KINSINGER II  
 RICHARD KOWITCH  
 HARRY KRAJCEK

KESTUTIS ANDRIUS MACIULAITIS  
 RALPH WILLARD MORRISETT  
 JAMES EDWARD NEURAUTER, High Honors  
 STEVEN JOSEPH OEFFLING  
 WALFRED ALLEN OLSEN  
 WILLIAM CHESTER PFISTER  
 KARLIS PLIUKSIS, JR.  
 JAMES RICHARD RUP  
 EARL LEROY RUSS, JR.  
 GEORGE DIMITRY SAVITZKY  
 JOSEPH WALTER SBARBORO  
 JAMES OTTO SCHAEFER  
 RICHARD JOHN SCHMIDT  
 RANDY WILLARD VANLEEUEWEN  
 WALTER GEORGE WELNHOFER  
 WILLIAM MITCHEL WROBLEWSKI

### COLLEGE OF LIBERAL ARTS AND SCIENCES

#### Degree of Bachelor of Arts

##### *In the Administration of Criminal Justice*

ANITA JOYCE ROGERS

RICHARD JOHN SKROCKI

##### *In Liberal Arts and Sciences*

DAVID RICHARD ABERMAN  
 DENIS MCGEE ALLEN  
 ROBERT GARY ANDERSON  
 MARTIN HOWARD ARFA  
 KENNETH JOSEPH BENSHOOF  
 ALLEN BARRY BERMAN  
 GEORGE C. BOURBOULAS  
 BARBARA BAIER BOYER  
 CAROL JEAN BROWN  
 MARGARET TUCKER BROWN  
 WALTER WILLIAM CALLAHAN  
 DAVID MANUEL CASTANEDO  
 SHIN HSING CHEN  
 KATHLEEN ELIZABETH COAKLEY  
 RANDY BURDETTE COPPOCK, Honors in Liberal Arts and Sciences  
 ELSA COSS  
 MARINE SHLAU CUNNINGHAM, Honors in Liberal Arts and Sciences  
 SHOUSHIG A. DAGDIGIAN  
 LINDA JANE DEL MONTE  
 VIRDELLA DENWIDDIE  
 DIANNE LEE DICKSON

CATHERINE FRANCES DOMBROWSKI  
 JOHN JOSEPH DUDA  
 KENNETH HAROLD ELLISON  
 RAYMOND CARL ELM  
 FRED ENTESARI  
 MARK GAIL ESTRIN  
 PATRICIA GARVIN EVEY  
 KATHLEEN MARY FALLON  
 JANET WAARALA FARNSWORTH  
 ROSEMARY ELLEN FERMIN  
 JEROLD ELLIOT FLEISCHMAN  
 JUDITH ANN FORSYTHE  
 GERALD WILLIAM FOX  
 DAVID EMIL FRANO  
 MICHAEL NORIO FURUTA  
 BARBARA ANNE GARBELMANN  
 CAROLE OLNEY GIESEKE  
 G. GIGI GILMARTIN, Honors in Liberal Arts and Sciences  
 THOMAS WILLIAM GLYNN, Honors in Liberal Arts and Sciences  
 STUART MORTON GOLD  
 KENNETH EDWARD GOVAS

- PAMELA A. GRASSMANN, Honors in Liberal Arts and Sciences  
 DAVID ALAN GREB  
 LINDA JO HARLAN  
 LEONARD ROY HARRIS  
 SANDRA LEE HEIM, Honors in Liberal Arts and Sciences with Distinction in Spanish  
 JOHN IGNATIUS HETMAN, Honors in Liberal Arts and Sciences  
 DENISE HIRSCH  
 BETTY TARVER HOGG  
 WILLIAM EUGENE HOWELL  
 MINA MIN HSU, Honors in Liberal Arts and Sciences with Distinction in Sociology  
 NADA JAKOVljeVIC  
 PEGGY ANN JEFFRIS, Honors in Liberal Arts and Sciences with Distinction in Spanish  
 MARY ANN JUSZCZYK  
 JOHN H. KAHO  
 HANFORD MYLES KIRKEY  
 KAREN KNOX KOMALA  
 PAUL CARY KOVICH, Honors in Liberal Arts and Sciences  
 MICHAEL JOSEPH KOZA  
 THOMAS PETER KRAVCHUK  
 HELEN H. KUBITZKI  
 ELIZABETH ZAHLER KURKUL  
 JOHN B. LASHBROOK  
 DAVID WILLIAM LEFLY  
 JANE PAUSHTER LESERMAN, Honors in Liberal Arts and Sciences  
 BRUCE LUDWIG LEVIN  
 LAUREN SONIA LEVY  
 JERRY WILLIAM LEWIS  
 JOHN HENRY LEWIS  
 IRENE LUBA LEWYCKY  
 EDWARD IAN LISS  
 ROBERT PETER LIVAS  
 DANIEL WILLIAM LUCSAY  
 HERMAN DANIEL MADNICK, Honors in Liberal Arts and Sciences  
 ROGER DEAN MAINA  
 MARY JANE MCFADDEN  
 CHRISTINE MIKULA  
 IGOR MILETIC  
 THERESA MAE MOLGREN, Honors in Liberal Arts and Sciences  
 GAIL KOROUS MOLZAHN, Honors in Liberal Arts and Sciences  
 JACOB JOSEPH MOROWITZ  
 KAREN ROCHELLE MORRIS, Honors in Liberal Arts and Sciences with Distinction in Spanish  
 JAMES ARCHER MORRISSETTE  
 MARIE LOUISE MYHR  
 DAVID WALLACE NANBERG  
 NG'AND'A NJIRAINI  
 GLENN STERLING NOMURA  
 ROBERT CHARLES OWENS  
 SAMUEL R. PAYTON  
 ARDEN JOY PERL  
 BETTY JEAN PINIOTES  
 SANDRA LEE POKETT, Honors in Liberal Arts and Sciences  
 ALAN MITCHEL PORETT  
 ALEX POSNER  
 THOMAS MICHAEL PRITZEN  
 JAMES ALEXANDER PRYDE  
 JOHN MICHAEL PUSKAS, Honors in Liberal Arts and Sciences  
 ARLINE JOAN RAISER  
 DORIAN REED, Honors in Liberal Arts and Sciences  
 STEPHEN HARRINGTON REED  
 WILLIAM CONRAD REITZ, JR.  
 PAULINE ELAINE RICCI  
 JAMES WILLIAM ROEDER  
 HANS MIGUEL ROMAN  
 ANDREA MERYL ROTMAN  
 JOSEPH JUDE ROTTMAN, Honors in Liberal Arts and Sciences  
 KATHERINE ROSELIN RUSDORF  
 CORDELIA RYAN  
 SALLY ANN SHILLCUTT  
 HARVEY SIETSEMA  
 PETER GEORGE SIKORA  
 JERRY MICHAEL SJOSTROM  
 ARNOLD BRIAN SLETTEBAK  
 STEPHANIE JO SOBO  
 RONALD JOSEPH SPEISER  
 WILLIAM JOHN STAMOS  
 JOSEPH EMANUEL STEINER, Honors in Liberal Arts and Sciences  
 RUTH ELLEN STONE  
 STEPHEN ANTHONY STUMBRIS  
 LORETTA FENNELLY SUBIA  
 LINDA SUTTER  
 CALVIN ARTHUR SWABACK  
 RICHARD DAVID TAYLOR, Honors in Liberal Arts and Sciences  
 LINDA ANN TOLLIVER  
 SYLVIA FOSTER TOTH  
 GUINEVERE MARIA TRICE  
 PAUL EUGENE TURNER, Honors in Liberal Arts and Sciences  
 JACK DAVID VACCA  
 LINDA MARIE VAN NEVEL  
 JANICE MURIEL VERNIE  
 DAVID ALLEN WECHSLER  
 RICHARD CHESTER WISNIEWSKI  
 JOHN JOSEPH WOJCIK  
 VALENTINA WOJTIUK, Honors in Liberal Arts and Sciences  
 MARY GRENS WOODS  
 STEPHEN LANE WRIGHT  
 DONALD VERN WYSOCKI  
 BRENDA ANITA YELVERTON  
 CAROLYN LAVERNE YOUNG  
 MICHAEL FREDERICK YOUNG  
 JOAN MARIE ZAHUMENSKY  
 JONATHAN STANLEY ZIOMEK

*In the Teaching of English*

FLORENCE DOLORES BASIL  
 CORINNE IRENE BULAVA  
 SHARON HAUTAU CALLAGHAN, Honors  
 in Liberal Arts and Sciences  
 KENDON JAMES CONRAD  
 GAIL ZAHAVA FARR, Honors in Liberal  
 Arts and Sciences  
 FRANCES DIANE FOWICH  
 NAOMI FROEMKE GEIST, Honors in Lib-  
 eral Arts and Sciences  
 MARGARET GULL  
 JUDITH VESELY HERNANDEZ  
 PATRICIA ALICE KLINGER, Honors in  
 Liberal Arts and Sciences  
 CAROL ANITA LEE, Honors in Liberal  
 Arts and Sciences  
 ANDREA BETH LIPKIN  
 HELEN BETTY LIPSON, Honors in Lib-  
 eral Arts and Sciences

MICHAELENE MARY MCCARTHY  
 ELAINE SCHICK MURPHY, Honors in  
 Liberal Arts and Sciences  
 MARY JEAN MUSINSKI  
 ANGELO MICHAEL ONOFRIO, Honors in  
 Liberal Arts and Sciences  
 ELLEN ANNE O'SULLIVAN, Honors in  
 Liberal Arts and Sciences  
 YVONNE PERKINS  
 FREDELL POGODIN  
 DOROTHY MORGAN PREWITT  
 MARY SIGMAN REITZ, Honors in Lib-  
 eral Arts and Sciences  
 CLAIRE CATHERINE WAGNER, Honors in  
 Liberal Arts and Sciences  
 PHILIP EDGAR WALSH  
 LAVERNE NANCY YOUNG

*In the Teaching of French*

ROSETTA CUONATO, Honors in Liberal  
 Arts and Sciences

FRANCIE MARGARET KITE, Honors in  
 Liberal Arts and Sciences

*In the Teaching of History*

RAYMOND HARRY ALBIN  
 MARJORIE SUE BOWBIN  
 RICHARD ANDERSON IVES, Honors in  
 Liberal Arts and Sciences  
 GERALD EDWARD MAPES

ANTHIA PANAGOPOULOS PETROHILOS  
 CAROLE PRIANOS  
 NORMAN HAL RUTHERFORD  
 MICHAEL JOSEPH TESSNER

*In the Teaching of Political Science*

MURRAY PHILLIP UNGER

*In the Teaching of Sociology*

LESLIE ANN FREEBURG

OLEH VOLODYMYR SAJEWYCH

*In the Teaching of Spanish*

MARY ELIZABETH ARRIAGA, Honors in  
 Liberal Arts and Sciences  
 JUANITA LUQUE KASA, Honors in Lib-  
 eral Arts and Sciences with Dis-  
 tinction in Spanish  
 TIMOTHY JAMES PENTEL, Honors in  
 Liberal Arts and Sciences with Dis-  
 tinction in Spanish

ELAINE BACOS REGOPOULOS, Honors in  
 Liberal Arts and Sciences  
 TERESA DE JESUS RIO  
 SHIRLEY ANN WELTMAN, Honors in  
 Liberal Arts and Sciences with Dis-  
 tinction in Spanish

*In the Teaching of Speech*

MELANIE MARTHA ZOMBEK

**Degree of Bachelor of Science***In Chemistry*

ROBERT JAMES ARNOLD  
 ELLIOT EMANUEL KATTEN  
 JAMES LESLIE REED

EDWARD WILLIAM SKEPNEK  
 ALE MARGARITA VASAITIS  
 ROBERT SHIGENOBU YAMAUCHI

*In Liberal Arts and Sciences*

ANTHONY CARMEN ADDUCI  
 ALLAN OLIVER BALDWIN, Honors in  
 Liberal Arts and Sciences  
 VIRGINIA MARIE BASS

ROSS WILLIAM BETKEN  
 ROBERT JAMES BRADLEY  
 NANCY BRYK BUSCHMANN  
 FANNY LANDSMAN CALIHMAN

MIRIAM FAITH CHODOSH  
 EZEKIEL HENRY CORBIN, JR.  
 GARY ROBERT DE CALUWE  
 LAWRENCE ABRAHAM ENGELHART  
 LAWRENCE WALKER FEIGHTNER  
 MARK GOODMAN  
 ZAPHIRIA GRIVAS, Honors in Liberal  
 Arts and Sciences  
 MERRILY WETHERBY GULLQUIST, Hon-  
 ors in Liberal Arts and Sciences  
 BARBARA GAIL KANKI, Honors in Lib-  
 eral Arts and Sciences  
 BARBARA MARIA KASPRZYCKI  
 RICHARD IRVING LAUF, Honors in Lib-  
 eral Arts and Sciences with Dis-  
 tinction in Mathematics  
 LAWRENCE CASIMER LEBDA  
 ROBERT JAMES LOEWE  
 HARMON HENRY LOOKHOFF, Honors in  
 Liberal Arts and Sciences  
 MERCEDES ROSARIO MESIA  
 CHARLES FREDERICK MEYER, JR.  
 JUDITH THERESE NEWMAN, Honors in  
 Liberal Arts and Sciences  
 MICHAEL STUART OLSHANSKY

MILTON MARTIN PLACKO, JR.  
 AUREL EARL POPE  
 CAROLYN PRICE, Honors in Liberal Arts  
 and Sciences  
 JOSE REYES, JR.  
 KEITH JOHN ROST  
 MARTIN HENRY RUBIN  
 FREDERICK ARTHUR SCHAEDEL, Honors  
 in Liberal Arts and Sciences with  
 Distinction in Mathematics  
 MARY MARGARET SCHELEWITZ  
 LINDA ELLEN SIMS  
 GARY SLAVIN  
 JULIAN SMOLEN  
 SUSAN SPALTER  
 EILEEN CRAMER TROUTT  
 SUZANNE MORITZ TURNER, Honors in  
 Liberal Arts and Sciences  
 DENNIS TOSHIAKI UEHARA  
 GARY LEE WANDTKE  
 MAURICE RALPH WASSERSTROM, Honors  
 in Liberal Arts and Sciences  
 RONALD ALAN WEISNER  
 CHARLES EUGENE WILLIAMS

*In Physics*

JOHN JOSEPH BOZOVSKY

*In the Teaching of Biological Sciences*

BARBARA HOLSTEIN BARBAKOFF, Honors  
 In Liberal Arts and Sciences

*In the Teaching of Geography*

THOMAS JOHN KITE

PATRICIA MARY SOWA

*In the Teaching of Mathematics*

CHRISTINE A. COLUMBUS, Honors in  
 Liberal Arts and Sciences with  
 Distinction in Mathematics  
 KAREN SUSAN CRUISE  
 ANTHONY MILOSCH JOSEPH ERMAN

GAIL PROPP HECKMYER  
 SANDRA RUBIN LEFF, Honors in Liberal  
 Arts and Sciences with Distinction  
 in Mathematics  
 MELINDA LOUISE WHITMER

**SCHOOL OF PHYSICAL EDUCATION**

**Degree of Bachelor of Science**

*In Physical Education*

STEPHEN WILLIAM BOUDRO  
 JAN CAILLE  
 RONALD ERNEST FASANO  
 ARMAND ANTHONY GRAUPERA, Honors  
 YVONNE ALEXIS KNEELAND  
 STEVE KOTIS  
 WILLIAM MICHAEL KURGAN  
 JOAN MARIE LILEK

EDWARD JOHN MCQUILLAN  
 PAUL EDWARD MIX  
 JAMES ALBERT NASIOPULOS, Honors  
 GERALD CARL RITT  
 LINDA LOU SMITH  
 DONNA MAXINE SPAGAT  
 ARTHUR MICHAEL WILDNER, Honors

*Degrees Conferred March 23, 1970*

**GRADUATE COLLEGE**

**Degree of Master of Arts**

*In English*

MARY MARGARET NELLIS, A.B., Miami University, 1962

*In German*

FRED L. BOGER, B.S., Northern Illinois University, 1966

*In History*

JAMES C. DEAN, B.A., Ottawa University, 1965

ROBERT MICHAEL LEWIS, B.A., Corpus Christi College, 1968

RICHARD HAROLD NYSTROM, A.B., 1967

PETER ROGER SHERGOLD, B.A., University of Hull, 1968

DONALD E. WALDEN, A.B., 1951; B.D., Garrett Biblical Institute, 1955

ZDENKO ZLATAR, B.A., DePaul University, 1968

*In Sociology*

MARGARET PRUITT CLARK, B.A., Beloit College, 1965

**Degree of Master of Science***In Biological Sciences*

JAMES STEPHEN BURNS, B.S., 1968

*In Chemistry*

DALMACIO A. AGDEPPA, JR., B.S., Mapua Institute of Technology, 1962

LUISITO A. TOLENTINO, B.S., University of the Philippines, 1967

*In Energy Engineering*

ANUPAM BAGCHI, B.Eng., Calcutta University, 1966

PERICLES SPYROS KORONAKIS, B.S., 1968

HO-TIEN SHU, B.S., National Taiwan University, 1966

*In Geology*

AUGUST PIVORUNAS, A.B., 1967

*In Mathematics*

RONALD GORDON BECKMAN, B.S., Eastern Michigan University, 1967

ENG BIN LIM, B.S., University of Malaya, 1968

GERARD RAYMOND WEIS, B.S., 1969

*In Mechanics and Materials*

JOHN JOSEPH STANDARD, B.S., 1964

JACK ROBERT STEIN, B.S., 1968

*In Physics*

ROBERT THOMAS KAMPWIRTH, B.S., University of Texas, 1964

**COLLEGE OF ARCHITECTURE AND ART****Degree of Bachelor of Architecture***In Design*

ARTHUR FRANK DUNCAN

JAMES ALAN MASTRO

**Degree of Bachelor of Arts***In Design*

DANIEL JOSEPH BENNETT

JOSEPH WILLIAM EISNER

HELEN ELIZABETH FREETLY, Honors  
with Distinction in Design

JACQUELINE DERUCKI LOTHIAN

ROBERT PETER SPARKOWSKI

JOHN FRANK THOMAS

*In Plastic and Graphic Arts*

LINDA SEYMOUR BARBIAN

JILL BETTE EPSTEIN

NOREEN DOROTHY FRIES

PETER FRANCIS HYNES

BARBARA KROSCHER LEWIS, Honors with  
Distinction in Plastic and Graphic  
Arts

*In the History of Architecture and Art*

PAULA ANDREA WIERCINSKA



**COLLEGE OF BUSINESS ADMINISTRATION****Degree of Bachelor of Science***In Accounting*

WILLIAM THOMAS ALDIS  
DONALD JOHN BIEWENGA  
THEODORE EDWARD CESARZ  
SHARON DIANE CHESNEY  
MICHAEL ANTHONY DIXON  
MARILYN GRACE DOMAGALA  
MARTIN HENRY FRIEDMAN  
GEORGE ALBERT GOYETTE  
PAUL FOSS HARMAN, JR.  
DONALD JULE JEROME

WILLIAM ARTHUR LECHNER  
DENNIS ROBERT LHOTAK  
DENNIS PATRICK MOYLAN, Honors with  
Distinction in Accounting  
JOSEPH WILLIAM PARRILLO, Honors  
with Distinction in Accounting  
JACQUELINE ANN TRACZ  
BILL JAMES VRANAS  
BARRY RONALD WALLACH

*In Economics*

EDWARD JOSEPH BIEN

HAROLD ALBERT RICE

*In Finance*

HALINA JEDRZEJOWSKA BIELOWICZ  
SHAWN KEVIN BLACKWELL  
MARTIN THOMAS DEGLIN  
FRED SANFORD HYDE  
CHARLES ARTHUR LASCH

ROBERT M. LAURINE  
LEON ISRAEL OBERLANDER  
WILLIAM JOSEPH SHANAHAN  
STANLEY TAKAMI  
JOHN GARWOOD WELLS

*In Management*

GERALD JAMES DARGIS  
WALLACE HALL GUSTAFSON  
EDWARD MICHAEL JAVOR, Jr., Honors  
with Distinction in Management  
RICHARD JOHN KAPPEL, Honors  
PAUL ROBERT MAZURE

JOHN ANTHONY PARTACZ  
PAUL EDWARD SCHRINER  
JAMES GORDON SOMERVILLE, Honors  
with Distinction in Management  
GEORGE WALTER STENDELL  
DAVID ALLEN YURKO

*In Marketing*

CARL ROBERT ANDERSON  
RICHARD JOHN ARENDT  
JEFFREY WILLIAM ATKINSON  
MICHAEL JOHN BURICA  
ARTHUR HARRY GOLDENBERG  
RONALD RAYMOND GUSE

ALVYDAS JONAS JONIKAS  
PHILIP BRUCE LUBOV  
JAMES LAWRENCE McNELLIS  
RONALD FRANCIS O'BROCHTA  
NICKOLAS DANIEL PALADINO  
JOYCE M. STOLOFF

**COLLEGE OF EDUCATION****Degree of Bachelor of Arts***In Elementary Education*

LEO MISKAWITZ ADAMS  
JUDITH ANN BELOSKY, Honors  
LEGERTHA T. BUTLER  
KAREN MARY CLARK, Honors  
NANCY KOVALSKY COHN, Honors  
CELESTINE JOHNSON DeCUIR  
RUTH MACHALEK FAKO, Honors  
CAROLYN MARY GREENE  
JOANNE CARLEY JEROME, Honors  
ALICE JEANETTE KRAJ, Honors

JEANNE BONNEY MAC DONALD  
ROCHELLE ELLEN MARKS, Honors  
SANDRA ENENSTEIN MILLER, Honors  
KAREN JEAN NEUMANN, Honors  
KATHLEEN ANN O'MALLEY  
ARLENE MARCIA PELLER, Honors  
PAULA EISAMAN SCHROTH, Honors  
ELAINE CAROLE SHIMKIN  
ANNE JANET WEITZMAN, Honors  
MARY WONG, Honors

**COLLEGE OF ENGINEERING****Degree of Bachelor of Science***In Engineering*

MUHAMAD ALI ABU-DABBOUSEH  
MOHAMMAD JAVAD ALAVI

JAMES BRUNO ALWIN, High Honors  
DENNIS ROGER ANDERSON, Honors

ROY EDWARD ANDERSON, Honors  
 JOSEPH ANTHONY ANGELLO  
 STANLEY BABO  
 RONALD WAYNE BENNETT, Honors  
 GARY LEE BIALKOWSKI  
 WILLIAM JOHN BIKSACKY, JR., Honors  
 RONALD ANDREW BISKUP  
 DANIEL PETER BROWN, High Honors  
 MICHAEL ALAN BROWN  
 PHILIP SALVATORE CALI  
 ROBERT LEE CLARK  
 BRIAN LEE COOLEY  
 MERLE MOFFITT DAVIS, JR., Honors  
 CRAIG WILLIAM DEAN, Honors  
 VINCENT NICHOLAS DICOSOLA  
 KENNETH WAYNE DORUSHKA  
 ANTHONY STEVEN DRAGIC  
 JEFFERY ALAN DRYJANSKI, High  
 Honors  
 RODGER WALTER EKENBERG  
 JOSEPH WILLIAM FALOUT  
 GARY PHILLIP FUKAYAMA  
 JEROME JOSEPH GAP, Honors  
 WALTER WILLIAM GRUCHALA  
 JAMES EDWARD HANSEN  
 G. DANIEL HATCHER, JR.  
 MICHAEL EDWARD HIRONS  
 GARRY CHARLES JAMES  
 STUART GEORGE KLAUD  
 LAWRENCE ALBERT KOBBS  
 HOWARD ROLAND KOSTER  
 JAMES EDWARD KOZA  
 CHESTER THOMAS LADEWSKI  
 LAWRENCE JOHN LAM  
 PAUL KON-KWAN LAM  
 MICHAEL JOSEPH LEWANDOWSKI  
 TERRY RUSSELL LOCKE, Honors  
 LAWRENCE ALEXANDER LOZIUK

JOSEPH LOUIS MADEJCZYK, JR., Honors  
 SARFARAZ MAHMOOD  
 EMANUEL MARTINEZ  
 JAMES EUGENE McDERMOTT  
 THOMAS EDWARD MCEWAN, Honors  
 RICHARD LOUIS MITTON, Highest  
 Honors  
 JOSEPH MULAY  
 KIVANC ORENGIL, Honors  
 VERN HENRY OSTROW  
 JOHN JOSEPH PASKVAN  
 STEVEN JOHN PATTERSON  
 FRITZ HERBERT PETZOLD  
 MANSWET CHRISTOF RAC  
 RONALD JOSEPH RAK  
 LEO RAKOWSKI, JR.  
 RICHARD JOSEPH REPA  
 GABRIEL DEL SOCORRO RINCONENO  
 PAUL HOWARD ROSENBERG, JR.  
 CHARLES FRANK SALAMON  
 DENNIS SCHIFFER  
 GEORGE PRESTON SHALLCROSS, JR.  
 THOMAS STEVEN SKUSE, JR.  
 STEPHEN SLOBIDSKY  
 THOMAS OWEN STEINKE  
 DAVID ALAN STRIETER  
 BAYKAL TATOSGLU  
 RICHARD THEODORE THOMPSON  
 RICHARD OTTO TIMMEL  
 ARTHUR LOUIS TODESCO  
 AUSTIN PATRICK TORNEY, Honors  
 RALPH THOMAS VISCARIELLO  
 FREDERIC BREIT WALSH  
 DONALD LESTER WEIS  
 FREDERICK BENJAMIN WRIGHT, High  
 Honors  
 EMMANUEL P. YOUNKHANA  
 HERBERT ZIVKOVIC

## COLLEGE OF LIBERAL ARTS AND SCIENCES

### Degree of Bachelor of Arts

#### *In the Administration of Criminal Justice*

FRANK ANTHONY DE LA PAZ  
 DEMETRIOS WILLIAM DRES

RICHARD STEVE NEEDHAM

#### *In Liberal Arts and Sciences*

SUSAN LYNN ARNBERG, Honors in Lib-  
 eral Arts and Sciences  
 LAWRENCE JAMES ARNETT  
 MARY CECELIA BALSAMO  
 ELLEN MARIE BALSEWICH  
 HELENE FERN BENSON  
 JANICE ANN BENSON  
 JON DOUGLAS BENTON  
 ANN MARIE BISMAYER  
 WILLIAM ARTHUR BLESSING  
 SUSAN KELLOGG BOBY  
 LINDA LOUISE BOETTCHER  
 PHYLLIS GALE BRANDNER  
 WILLIAM FRANCIS BROWN  
 MICHAEL BUDKO, JR.

GLORIA ELIZABETH BURGER, Honors in  
 Liberal Arts and Sciences with Dis-  
 tinction in Sociology  
 MICHAEL O'DONNELL BURKE  
 JAMES MORTON CALLAHAN  
 JOHN PATRICK CANNINO, Honors in Lib-  
 eral Arts and Sciences with Dis-  
 tinction in Sociology  
 NETTIE CLEOPATRA CHODERIS  
 NIJOLE JUNEVICIUS CIJUNELIS  
 JUDITH HELEN CLARK  
 MARY PENNINGTON CLOUGH  
 DAVID TERRY COHEN  
 KATHERINE BURCK COLLINS  
 JOHN BOLESŁAW CZARNECKI

THEODORE DALI  
 WAYNE MARK DAVIDSON  
 CANDACE MARIE DENSMORE  
 IRENE AMBRAZIEJUS DE PINTO  
 MARTHA LOUISE DIX  
 ROBERT VINCENT DUBACH  
 MAE SUE EDWARDS  
 REGGIE LEE EZELL  
 ILYSE YOUNG FELKER, Honors in Liberal  
 Arts and Sciences  
 CAROL ANN FINEGAN  
 CHERYL HABER FISHER, Honors in Lib-  
 eral Arts and Sciences  
 JUDITH ANNE FISHMAN  
 MICHAEL GEORGE FRANZAK  
 JOAN CAROL FUDALA  
 STUART HARRIS GALESBURG  
 JANICE LOUISE GALLOWAY  
 LINDA MARCI GOODMAN  
 PETER STEPHEN GREGORY  
 CATHY LYNN HARANO  
 DARLENE ANN HEBEL  
 PENNY HERMAN  
 JEANNE MUSKE HOESLEY, Honors in  
 Liberal Arts and Sciences  
 BRUCE HOWARD HOFFMAN  
 BONITA ANN HOLMBERG  
 JURATE VICTORIA JAGELA  
 DONNA THERESE JANECZKO, Honors in  
 Liberal Arts and Sciences  
 JOSEPH LEWIS JOHNSON  
 ESTHER KACHKA  
 LOIS LAPHAM KAVANAGH  
 EDWARD ANTHONY KAZEMEK, Honors  
 in Liberal Arts and Sciences  
 PATRICIA ANNE KELLY, Honors in Lib-  
 eral Arts and Sciences with High-  
 est Distinction in Speech  
 ROSEANN KELLY  
 RICHARD DENNIS KING  
 LILLIAN VAN GEEM KIRKWOOD, Honors  
 in Liberal Arts and Sciences  
 KAREN SUE KLEEHAMMER  
 MARTHA KRUM KOBAYASHI  
 BARBARA G. KOPSIAN  
 JEANNE SUSAN KOWALSKI, Honors in  
 Liberal Arts and Sciences  
 KAREN MORTENSEN KRAFT, Honors in  
 Liberal Arts and Sciences  
 VERONICA LET, Honors in Liberal Arts  
 and Sciences  
 NICHOLAS GEORGE LIALIOS, Honors in  
 Liberal Arts and Sciences  
 LAWRENCE JAMES LISKA  
 STEVEN MARK LISSNER  
 ANA PATRICIA LOPEZ  
 RONALD WALTER LOSEW  
 TORRICELLI MAGETT  
 JANICE MARY ANN MAJKA  
 CHARLES HOWARD MANKOFF  
 EDWARD MATTHEW MARX  
 ANNE MARIE MASTRO  
 JOSEPH RICHARD MATOUSH

ROBERT WALTER MAUTER, Honors in  
 Liberal Arts and Sciences  
 KATHLEEN JO MAYFIELD  
 MARY CATHERINE MCPOLIN  
 ALICE ANNE MEADE  
 EILEEN BAKER MEADORS  
 DIANE MADELAINE MELTZER  
 CYNTHIA ELLEN MICA  
 ALEX GARY MICHAELS  
 EUGENE RALPH MORRISSEY  
 ROBERT MUSIALOWICZ  
 BRUCE FRANCIS NABOR  
 PETER LORKULA NAIGOW  
 RENA SCHNITZER NANES  
 MARY LOUISE NESBITT  
 MARSHA MARY NILSEN  
 DENNIS STANLEY NORWOOD  
 MARCIA ANN NUESKE, Honors in Lib-  
 eral Arts and Sciences  
 HENRY FRANK NYKAZA  
 CHARLES JOSEPH ODISHOO  
 CARMEN CARTMAN PALMER  
 CHARLENE GRICUS PASCIAK  
 JOEL SCOTT PENZICK  
 ILENE BONNIE PERSKY  
 ALAN RICHARD PIERZCHALSKI  
 CARLOS POBLET  
 DIANE LYNN PROFITA  
 RALPH REED  
 RETA RAE REGO  
 GARY DEA RHEA  
 CARLA FRANCES RODGERS, Honors in  
 Liberal Arts and Sciences  
 JANET LORETTA RUBAS  
 BONNIE SHAYA RUBINOFF, Honors in  
 Liberal Arts and Sciences  
 ELLEN ANITA SAKEN  
 SUSAN JEAN SCHUBERT  
 SHARON LYNN SCHUMACHER  
 DONALD HENRY SEGEL  
 LOUIS ANTHONY SERRA  
 EMIL ALEXANDER SGARBOSSA  
 LEAH RUDERMAN SHAPIRO  
 BEVERLY ELAINE SHOCKLEY  
 GREGORY THOMAS SILKA, Honors in  
 Liberal Arts and Sciences  
 PHILIP SLOAN  
 ALICE PHILLIPS SMITH, Honors in Lib-  
 eral Arts and Sciences  
 RONALD ROY SMITH  
 KATHRYN SNOW  
 MARILYN TANGER SNYDER, Honors in  
 Liberal Arts and Sciences  
 LESTER PAUL SOLODYNA  
 VALERIE SPARKIS  
 JANIS MARILYN STEHLIK  
 DONALD EMANUAL STELLATO  
 LINA STEPPOVY  
 CYNTHIA NAN STERN  
 PATRICIA SCOT TIVERIOS, Honors in Lib-  
 eral Arts and Sciences  
 JOHN EMMETT TOLIN III

JOHN DICK VALCARENGHI, Honors in  
Liberal Arts and Sciences  
RICHARD R. VALDEZ  
KAREN SUE VESELY  
ALBA ILLIA VILLANUEVA  
ANTHONY MICHAEL VIRGILIO  
CAROL MAE WARD  
ELAINE RENEE WARSHALL, Honors in  
Liberal Arts and Sciences with Dis-  
tinction in Sociology

JUDITH JACQUELINE WERNER, Honors in  
Liberal Arts and Sciences  
HENRY JOHN WEST  
KATHRYN HANNAH WIEDOW, Honors in  
Liberal Arts and Sciences  
JEANNE CHERYL WILLIAMS  
JAMES CHARLES WILLS, JR.  
NANCY LOUISE YUKTONIS  
EDWARD DANIEL ZEHR  
MARLENE EMILY ZIELONKA

*In the Teaching of English*

MARTHA JANE FRANZEN, Honors in  
Liberal Arts and Sciences  
RENEE KAREN GERBER, Honors in Lib-  
eral Arts and Sciences  
LYNN MESSER GREENWALD, Honors in  
Liberal Arts and Sciences  
KAREN TIETEMA HELFAND, Honors in  
Liberal Arts and Sciences  
MARLENE ANN KREV, Honors in Liberal  
Arts and Sciences  
SHERRY MARLA NARODICK, Honors in  
Liberal Arts and Sciences

LINDA NANAKO OYAMA, Honors in Lib-  
eral Arts and Sciences  
ELYSE GILBERT PERLIK  
LOUISE PETRUZZINI, Honors in Liberal  
Arts and Sciences  
DAVID JOHN PINES  
GAYLE MARGARET SILVER  
BARBARA SIMON  
MARGARET ANNE VANDERSALL, Honors  
in Liberal Arts and Sciences  
CHERYL LYNN WISNESKI

*In the Teaching of French*

THERESE MARIE DYJAK, Honors in Lib-  
eral Arts and Sciences

NICOLE VILAIR WALSH, Honors in Lib-  
eral Arts and Sciences with Dis-  
tinction in French

*In the Teaching of History*

LINDA VOGT DENMAN  
NANCY JOSEPHINE DOODY, Honors in  
Liberal Arts and Sciences  
DEWELLYN ETHYL ROEPENACK, Honors  
in Liberal Arts and Sciences

KATHY KOPAN ROUPAS  
FRANCES VIRGINIA SNIEGOLSKI  
JOHN RONALD SOYKA

*In the Teaching of Political Science*

LEROY THOMAS BOYCE  
VALERIE CHRISTINE FUTRIS  
JANET KUHN, Honors in Liberal Arts  
and Sciences

JOYCE SCHULTZ RHEINHEIMER, Honors  
in Liberal Arts and Sciences

*In the Teaching of Sociology*

MARY LOUISE FINNEGAN

TERRY STUART WEINER, Honors in Lib-  
eral Arts and Sciences

*In the Teaching of Spanish*

LUCILLE SUSAN GRIECO, Honors in Lib-  
eral Arts and Sciences with Dis-  
tinction in Spanish

ANNAMARIE LANDELIUS PESCE  
DAVIDA LYNN SPECTOR  
LINDA LOUISE TRUJILLO

*In the Teaching of Speech*

BESSIE BESTOLARIDES  
NANCY ALISON CARY, Honors in Lib-  
eral Arts and Sciences

DONNA GADEN DIEHL

**Degree of Bachelor of Science**

*In Chemistry*

ROBERT JOSEPH BOGGIO, Honors in Lib-  
eral Arts and Sciences with High  
Distinction in the Curriculum

JOEL JAMES GALANTE, Honors in Lib-  
eral Arts and Sciences with High-  
est Distinction in the Curriculum  
GERALD SZAJER

*In Liberal Arts and Sciences*

NANCY LAWS ADAM, Honors in Liberal Arts and Sciences	LINDA JEAN KELLY, Honors in Liberal Arts and Sciences
BARRY PHILIP ATLAS, Honors in Liberal Arts and Sciences	MARGARET MARY KELLY
IRWIN KENNETH BENOVIITZ, Honors in Liberal Arts and Sciences with Distinction in Psychology	CHARLES E. KROON
JOSEPH PAUL BIGGINS	CHARLES ANTHONY MARANTO
ROBERT NEIL BLOCK, Honors in Liberal Arts and Sciences	MORRI EZEKIEL MARKOWITZ, Honors in Liberal Arts and Sciences
SIMA BLUE, Honors in Liberal Arts and Sciences	JAMES JOHN MARZALEK
DANIEL GERARD CLAIR, Honors in Liberal Arts and Sciences	JEFFREY ELLIS MIRIPOL
GEORGE STEPHEN FAKO	SANDRA ANN MURRAY
THOMAS PATRICK FARRELL	PAUL ALLEN OWLES
RAYMOND JOSEPH FINCH	CATHRYN DIANE PORCELLI, Honors in Liberal Arts and Sciences
CHARMAINE SCHURR HILL, Honors in Liberal Arts and Sciences	ROBERT ALLEN PRISCHMAN
JOYCE ELLEN HOFMAN, Honors in Liberal Arts and Sciences with Distinction in Biological Sciences	PAUL THOMAS ROZMAREK
SUSAN MARY HOLLEY, Honors in Liberal Arts and Sciences	HARRY RUBINSTEIN, Honors in Liberal Arts and Sciences
	WILLIAM JOHN SCHNELL
	PETR SKALNIK
	RICHARD JOSEPH STALMACK
	WILLIAM PRATT TINKLER
	WENDY MARICE TEICHMAN
	ALMA VAITAITIS
	JAMES WALTER WISNIEWSKI, Honors in Liberal Arts and Sciences

*In Physics*

ROMAN JOSEPH KOPERSKI	DONNA MARIE RUBERTICCHIO
-----------------------	--------------------------

*In the Teaching of Mathematics*

BARBARA ANN BRAND	JOHN TOKUNORI NISHIMURA, Honors in Liberal Arts and Sciences
SUSAN MARIE DZIEKAN, Honors in Liberal Arts and Sciences	JANYCE JASEN O'TOOLE, Honors in Liberal Arts and Sciences with Distinction in Mathematics
DIANE LYNNE MATEJA, Honors in Liberal Arts and Sciences	LINDA ANNE WEGING

*In the Teaching of Physics*

ANALIA MOREL, Honors in Liberal Arts and Sciences
---

**SCHOOL OF PHYSICAL EDUCATION****Degree of Bachelor of Science***In Physical Education*

STEPHEN GONZALEZ	ANDREW JOSEPH SCHNEFF
DOROTHY JEAN LYONS	JOHN SCHRAMMEL
MARION STANLEY MAVEC	ROBERT LEROY THREATT
JAMES WALTER REES	HAL WHITE, JR.
VERNON PAUL SCARPELLI, JR.	DONALD WILLIAM YOST

*Degrees Conferred June 14, 1970***HONORARY****Degree of Doctor of Humane Letters**

JOHN HOPE FRANKLIN

**Degree of Doctor of Laws**

PAUL HOWARD DOUGLAS

**GRADUATE COLLEGE****Degree of Doctor of Philosophy***In Mechanics and Materials*

PETER ALBERT TUSCHAK, B.A., Dartmouth University, 1959; B.M.E., Thayer School of Engineering, 1962; M.M.E., University of Delaware, 1965

**Degree of Master of Arts***In English*

ADELAIDE AULSTER BITTNER, B.A., Rosary College, 1965

LAWRENCE JOHN BOMMER, A.B., 1969

SHARON KITCH HALE, B.A., Westmont College, 1965

WILLIAM JOHN HILTON, A.B., 1967

JUDITH A. OGRON, B.A., Northeastern Illinois State College, 1968

RUTH ANN PHILLIPS, B.A., Barat College, 1967

NORMA SMITH PYLE, A.B., 1968

JANE ZAKRZEWSKI, A.B., 1969

*In German*

MARLIS HELENE MEHRA, A.B., Bridgewater State College, 1967

INGEBORG WALLNER SMITH, B.A., University of Wisconsin, 1942

ROSLYN GEANYECE THEOBALD, B.A., Carleton College, 1968

*In History*

JUDITH MALOFF KATZ, A.B., University of Michigan, 1968

*In Philosophy*

DENNIS IRWIN COUZIN, B.S., California Institute of Technology, 1963

ROBERT JOHN SCHNETTLER, A.B., 1968

GARY PAUL TIMIN, B.A., Duke University, 1969

*In Sociology*

ANDREW ROJECKI, A.B., 1968

KATHRYN BROOKE STENGEL, B.A., Miami University, 1967

**Degree of Master of Science***In Biological Sciences*

LYDIA Z. BOHORQUEZ, B.S., Oregon State University, 1968

MARILYN SALLY FLORA, B.S., State University College at New Paltz (New York), 1967

CHARLES GOOD, B.S., 1968

DONNA JEAN KERRIGAN, B.S., Loyola University, 1968

LENORE PEREIRA LEWIS, B.S., Marquette University, 1968

MICHAEL ALAN MILLAY, B.A., Wittenberg University, 1967

*In Chemistry*

DOROTHY CLOVE BARRON, B.S., 1968

GARY RUDOLPH DYRKACZ, B.S., DePaul University, 1968

SHARLIN EI-LAN LIAW, B.S., Tamkang College of Arts and Sciences, 1968

WILLIAM FRANK MYSZKOWSKI, B.S., 1968

CHIN-LUNG YEH, Tamkang College of Arts and Sciences, 1965

*In Energy Engineering*

HENRY MICHAEL DOMANUS, B.S., 1968

CHRISTOPHER H. S. TING, B.S., 1964

*In Mathematics*

PEGGY FUJINAKA ABBRUSCATO, B.S., 1967

PETER JAMES ATKINSON, B.S., Bristol University, 1968

THERESE BERSIN BUTSEN, B.S., Western Illinois University, 1966

TOBIAS ENRIGHT, B.S., 1969  
 GEORGE JOHN POLLI, B.S., American University, 1964  
 MARIUS KESTUTIS PRAPUOLENIS, B.S., 1968  
 ALAN DONALD SHEALL, B.S., 1968

*In Mechanics and Materials*

NANCY ANDERSON HOLMES, B.S., 1968  
 HANNA Q. LUBBAT, B.A., American University of Beirut, 1960  
 MILAN VELEBIT, B.S., 1965

*In Physics*

JAMES HUGH ABBOTT, B.S., 1968  
 JACK RICHTER, B.S., 1969

**COLLEGE OF ARCHITECTURE AND ART**

**Degree of Bachelor of Architecture**

*In Building Technology*

EDWARD LYNN KARIKOMI	ROBERT WILLIAM LENKE
ROBERT PAUL KOLOSOSKI	JOHN NICK SIGALOS
JAMES JOHN LAUKKANEN	WAYNE JAMES SKALA

*In Design*

EDWARD HENRY CARLSON	RICHARD DEMOTTE MARKER
ALFONSO B. CASTRO	KENNETH BYRCHUM MARSHALL, JR.
GORDON THOMAS CRABTREE	MARK FRANCIS MARSHALL
HAROLD LEONARD CRANE, Honors with	JOHN RUSSELL NAUGHTON
Distinction in Design	ALLEN THEODORE OLSEN
STEVEN ANDREW GETTLER	HENRY KENSHI OZAKI
STEVEN GRIGG	JAN C. OZIMKIEWICZ
JERRY WILLIAM HAMEN	FREDERICKA MCNESS ROSENGREN, Hon-
SHARON MARIE JASNOCHA	ors with Highest Distinction in
FRANK JOHNSON	Design
KHADIGEHI KIA KOJORI	EDMUND LARRY SADLEIR
MARVIN SIDNEY KROUT, Honors with	ROY RICHARD WELLS
Distinction in Design	VERNON ANTHONY WILLIAMS

*In Structures*

SERGIO MIGUEL ANGEL	JOHN WILLIAM SORCE, Honors with
LAWRENCE JOHN DRISCOLL	Highest Distinction in Structures
JOHN THOMAS SNELL	

**Degree of Bachelor of Arts**

*In Design*

ROBERT DANIEL ALLEN	JOSEPH JAMES O'HEARN
MARLENA A. CHANDLER	ANNE ELZAS O'KEEFE, Honors with
BRUCE DOUGLAS CHRISTENSEN	High Distinction in Design
JO CAROLE DORF	WAYNE HENRY OLENICK
HENRY CHARLES KLUCK	DANIEL JOSEPH PETEREK
RONALD BARRY LEVINE	ROBERT FRANCIS SPAGNOLO
MARY WASIK MARCHUK	EDWIN BENTLY WATTS, JR.

*In the History of Architecture and Art*

GAIL ELIZABETH BENNETT	GERALD ALBERT HOWARD, Honors with
LESLIE JEANNE BRONIARCZYK	Distinction in the History of Archi-
URSULA ELFRIEDE CONRAD, Honors with	tecture and Art
Highest Distinction in the History	ROBERT ANTHONY KRATOVL
of Architecture and Art	ANDREA LANCER
RUSSELL CLARENCE GESCHKE, Honors	MARY CATHERINE RZECZKOWSKI, Hon-
with Distinction in the History of	ors with Distinction in the History
Architecture and Art	of Architecture and Art
	SARAH JANE STANLEY
	MARION REGINA WHITE

*In Plastic and Graphic Arts*

DOUGLAS BRITTON HANSON	FREDERICK BENJAMIN NAPOLI
BARBARA JACKSON HAZARD, Honors with Highest Distinction in Plastic and Graphic Arts	DIANE LYNN PRONITES
KEITH PATRICK LOWMAN	RONALD ROBERT RALUS
ALMA MILLER MATHEWS, Honors with Highest Distinction in Plastic and Graphic Arts	HEIDI ELIZABETH STOETZEL
JULIANNA MURANYI, Honors with Dis- tinction in Plastic and Graphic Arts	JEANETTE GENEVIEVE SYPRZAK
	RICHARD SZOC
	ZELDA WOLOCK WERNER, Honors with Distinction in Plastic and Graphic Arts
	JAMES SEIKI YANAGISAWA

## COLLEGE OF BUSINESS ADMINISTRATION

## Degree of Bachelor of Science

*In Accounting*

GREGORY REGAN BARR	HUGH FREDERICK MILLER
STEVEN MARC BAZER	JAMES FRED MOMMSEN
FRED MARK BRODY, Honors with High Distinction in Accounting	THOMAS DENNIS MORAN
WILLIAM EDWARD BRUHN	SANDRA LOUISE MOSCINSKI
KAREN BOOKNIS DAVARE	SUSAN MARIE MOSCINSKI, Honors
GARY WILLIAM DESANTI	TIMOTHY JAMES NILLES
JAMES JOSEPH DUBINSKI	ROBERT JOHN O'BRIEN, Honors with Highest Distinction in Accounting
FRANK JOSEPH FRANCIS	ROBERT ADAM OSTROGA
JAMES JOHN GATZIOLIS	KEVIN JOEL OSWALD, Honors with Highest Distinction in Accounting
SHELDON GRAD, Honors with Distinc- tion in Accounting	WILLIAM CHRIS PANOS
KENNETH EDWARD GRUBICH	LEONARD HARVEY POPOWCEK, Honors with Distinction in Accounting
ROBERT ELMER JESWEIN, Honors with Distinction in Accounting	MARC LEE ROSENBERG
CYNTHIA LOUISE JEZIORSKI	LAURENCE NEAL SALASCHE, Honors with Distinction in Accounting
ANTHONY WILLIAM KALANT, Honors	RICHARD HENRY SKIBA, JR.
JAMES ARTHUR LEIDEGER	BARBARA ANN SLAMAR
NORMAN LOUIS LEOPOLD	DAVID MARK STEIN
CRAIG LEE LEVIN, Honors with Dis- tinction in Accounting	THOMAS RUSSELL THEIS
FRED O. MARCUS	JOSEPH WILLIAM TRAXLER
GARY ALAN MEDNICK, Honors with Dis- tinction in Accounting	BRUCE EDWARD WEISSEG
	STEVEN JOHN ZOLLER

*In Economics*

LORRAINE DOSTAL, Honors with Highest Distinction in Economics	DANIEL WORTH MINSTER
SAID IBRAHIM GHUSEIN	MICHAEL PATRICK O'LEARY
ALLAN FRANCIS HARKABUS	KEITH ROBERT OSHER, Honors with Distinction in Economics
DENNIS KOCI	JEROME ELMER REITER
JAMES NICKOLAS KOTZAMANIS	ARTHUR GEORGE ROSENFELD
THOMAS TERRANCE KUBIC	FAYEZ SHARIF SUHWEIL
THOMAS ALLEN MARTIN	

*In Finance*

SIMON ENRIQUE LUIS AMICH	ANTHONY N. FRATTO
STEPHEN ARTHUR BARRY, Honors with High Distinction in Finance	JAMES REID GIFT, Honors with Distinc- tion in Finance
JAMES ROBERT BARTNICK	ROBERT JAMES GLENN, JR.
JOHN MICHAEL CLIFFORD	RICHARD LEE GRADT
JOSEPH PATRICK CORRIGAN	STANLEY JOSEPH GREY
JAMES MICHAEL DANZ, Honors with Distinction in Finance	JAMES JOHN HUSARIK
THOMAS JAMES DEMAY	GERALD ALAN IRWIN
PATRICIA LUCILLE DOHERTY	WILLIAM ROBERT JOHNSON
WILLIAM THOMAS FERCHLAND	STEFAN LEIDER
	DONALD WAYNE LOTTON



WILLIAM JOSEPH MALLOY, Honors with  
Distinction in Finance  
PATRICK WILLIAM MCAULIFFE  
RENE DE MARIS NORGART  
DENNIS CHARLES OAKES  
CHARLES CRAIG O'CONNOR  
JOHN MARIAN PIETRON  
BERNARD FRANCIS RAJKOWSKI

DANIEL ROBERT REDICAN  
MARY SHELLY RISKE, Honors with Dis-  
tinction in Finance  
JOY B. TENNENBAUM  
MICHAEL WILLIAM URBUT  
HOWARD PHIL WEIL, Honors with  
Highest Distinction in Finance

#### *In Management*

SHERWIN ZACHARY ADLER  
DOMINIC SAMUEL CARBONE, JR.  
DONALD JAMES CARRINGI  
RAMIRO M. CHIRIBOGA  
CRAIG JOHN CIEPLY  
TIMOTHY STANLEY CZEREPKOWSKI, Hon-  
ors with Distinction in Management  
EDWARD DORSEY  
RONALD FREDERIC FISCHER  
JAMES LAWRENCE JODLOWSKI  
ROBERT NORMAN KNOBEL  
WILLIAM KORDA, Honors  
ANNETTE HELEN KULIK  
STEPHEN ALAN LEVY, Honors with Dis-  
tinction in Management  
DONALD MARIANO, Honors with Dis-  
tinction in Management

MARY ELIZABETH MATHEIS  
MICHAEL JOEL MCELHATTAN, Honors  
with High Distinction in Manage-  
ment  
DENNIS LAWRENCE MCGUIN  
JOSE RAMON MEDINA  
ELLIOTT K. NELSON  
JAMES JOHN OSTARELLO, Honors with  
Distinction in Management  
ARTHUR JOHN SCHMAKEL  
BARRY EDWARD SIMON  
PAMELA MARIE SLECHTA, Honors with  
Distinction in Management  
HENRY EDWARD SZACHOWICZ, JR., Hon-  
ors with Distinction in Management  
RUSSELL STEVE TWARDOSZ  
RONALD GEORGE ZEMONT

#### *In Marketing*

CARL RAYMOND BIRNS  
JOHN EDWIN BLUM, Honors  
ALAN BRUCE BOYER  
MICHAEL HOWARD CALDWELL  
MICHAEL PATRICK CASEY  
JOHN THOMAS COSTELLO  
CHARLES ERNEST CRAFT  
RAYMOND DAUKSA  
ROBERT JOHN DUFEK, Honors  
BARRY RICHARD FIORE  
JOSEPH EDWARD GRIFFIN  
SHARON ILENE HAFFRON, Honors with  
High Distinction in Marketing  
WILLIAM HARRIS  
DONALD JOHN HERMANEK  
RALPH HENRY HOYDN

ALFRED ITTNER  
KENNETH STEPHEN KORMANAK, Honors  
with Distinction in Marketing  
GEORGE MICHAEL MARGALSKI  
DONALD WILLIAM MCKIBBEN  
ELIZABETH PAPE, Honors with High  
Distinction in Marketing  
ANDREW JOHN PINTER  
DENNIS MICHAEL RIVAS  
RONALD WILLIAM SCHIRMER, Honors  
CHRISTINE THERESA SOBOLEWSKI, Hon-  
ors with Distinction in Marketing  
KENNETH RICHARD TEAGUE  
KEVIN BARRIE TYNAN  
JOYCE LILLIAN WEIR  
FRANK MARION WYSASKI

#### *In Quantitative Methods*

DAVID NEIL APPEL  
BRUCE HENRY ERFER

PHILLIP SOL IMMERGLUCK  
ROBERT JOSEPH PRANTIS, Honors

### COLLEGE OF EDUCATION

#### Degree of Bachelor of Arts

##### *In Elementary Education*

DONNA BRAZIS ABRIGNANI  
BETTY T. PILAFAS AGNOS  
PHOEBE DEAN BAKER  
DIANE STANICH BAUER, Honors  
MERYL FREDERICK BECKER  
BARBARA GALE BLAHUSIAK  
HELENE SUSAN BLUMSACK, Honors  
BERTHANNA BRINAS, Honors  
BARBARA MERLE BRODSKY

BARBARA KAY CARBRNOCH  
BARBARA CARMICHAEL, Honors  
KATHLEEN ANNE CARR  
NANCY JANE CHANDLER  
BARBARA SANDRA COHN, Honors  
LOIS COHN  
SANDRA A. COSTULAS  
CATHERINE MARGARET DANIELSON  
KATHLEEN MARY DEAN

MELINDA DIANE DE CEULT  
 SARAH ANN DECKER, Honors  
 KAREN ANN DENNING, Honors  
 BETTE K. DESALVO, Honors  
 GERALDINE ROSE DUDIAK, Honors  
 MARGARET MARY DUFFY  
 MARGARET LUCILLE FITZGERALD  
 ROSEMARIE FORNEK, Honors  
 SUZANNE ELIZABETH GRIFFIN  
 KATHERINE RIEBEL HANSEN  
 LUTRICIA HARDAWAY, Honors  
 KAREN ANN HARLA  
 KATHLEEN MAE JOHNSON, Honors  
 LINDA CAROL JOSEPH, Honors  
 MARIANNE JURGENSEN  
 ANNE PATRICIA KAPKA, Honors  
 PATRICIA KMIECIAK  
 BARBARA LEE KNOP, Honors  
 KAREN KREMESEC  
 LAURA MARCIA LEVINE, Honors  
 SANDRA LARSON LEWIS, Honors  
 ARLENE JOAN LIGHT, Honors  
 LINDA LOU LOSTUMO  
 CAROL JUNE MACNAIR  
 JOHN ANDREW MADEJCZYK, Honors  
 NANCY CLARE MAJCHER, Honors  
 KATHLEEN DELIA MARTIN, Honors  
 ESTHER SHARON MASSARSKY, Honors  
 LYNNE BETH MICHAEL, Honors  
 KATHLEEN MARY MIKRUT, Honors  
 CAREN LAVENDER MONASTER

CLAIRE LOUISE MORRISSEY  
 CHRISTINE MARIE MYSCZAK  
 DONNA MARIE NOTO, Honors  
 JEANIE HARRIET NOWAK, Honors  
 REGINA KAUNAS OLIVER, Honors  
 DOROTHY AGNES PASSANANTE  
 ROSALYN MARY PERRONE  
 MARSHA ALLYSON POTTER, Honors  
 COLLETTE PRZYBYCIEN, Honors  
 GWENDOLYN RAYBURN  
 GAIL RUTKOFF SCHIFF  
 MARY THERESE SCHOTT, Honors  
 BARBARA JEAN SCHULTZ  
 DEBORAH LEE SEGAL, Honors  
 SUSAN A. SEYMOUR  
 BARBARA LYNN SLOTNICK  
 JANE ANN SLOWIKOWSKI  
 DONNA DOROTHY SOLECKI, Honors  
 DEBORAH LYNN STANLEY, Honors  
 CAROL CHRISTINE STLASKE  
 CAROL ANN STRATMAN  
 JOANNE RUTH SYNCHEFF  
 SANDRA HAAR TAMILLOW  
 JOANNE RAE VECE, Honors  
 DIANNE KEEN WADLER  
 ELFRIEDE KATHARINA WAGNER, Honors  
 TAMRA LYNN WOLFF, Honors  
 CYNTHIA JOYCE ZEMAN, Honors  
 RITA MARIE ZUBE, Honors  
 CAROL FRANCES ZWIT

## COLLEGE OF ENGINEERING

### Degree of Bachelor of Science

#### *In Engineering*

WALTER EDWARD ADAMS, JR.  
 GREGORY GEORGE ANDERSON, High  
 Honors  
 CLIFFORD DAN BARON  
 ROBERT WAYNE BEENING  
 JOHN LOUIS BERNARDI  
 ROBERT EDWARD BERND, Honors  
 MARTIN ANTHONY BERNDL  
 JAMES EARL BERRY  
 JEROME JOHN BOBER  
 TIMOTHY ANTHONY BOBIC  
 CHARLES OMER BRASHER  
 JAN BRIDCKO, High Honors  
 CECIL JAMES BUCKNER  
 JONAS BUTVILA  
 DONALD JOSEPH BYRON, Honors  
 FRANCISCO GERONIMO CAVAZOS  
 STANLEY JOHN CHMURA  
 HENRY AWAI CHUNG  
 KEVIN MARTIN COLOSIA  
 WILLIAM CHARLES COOK  
 EMILIO MANUEL P. DELGADO  
 EDWARD ANTOINE DELORIA  
 EUGENE DERAMUS  
 ANTHONY DRAB  
 RONALD PETER DUDEK, Honors  
 RONALD MARC DVORKIN

GEORGE EDWARD DYKAS, High Honors  
 ALLEN KENT ERICKSEN  
 ROBERT JOSEPH FABSIK  
 JOHN ROBERT FEEMAN  
 FRANK ROY FLEET III  
 DONALD HUEY FORSYTH, Honors  
 STEVEN CHARLES FRIEDMAN  
 PAUL SEWELL GALEN  
 WILLIAM OWEN GARTLAND, Honors  
 ROMEO ESHAYA GEORGE  
 RICHARD WILLIAM GOLDINGER  
 JAMIL HAIDER  
 JAMES HAO  
 JO BRIAN HARRIS  
 ALBERT LEWIS HENDRICKS, High  
 Honors  
 HELMUT ROLF HILLER, High Honors  
 PHILIP EDWARD HODUR  
 CALVIN HONG, Honors  
 THERESA MARIE HORTON  
 JOHN HURLEY  
 JOHN JAROSLAV JANDA, Highest Honors  
 JOSEPH PAUL JENKOT  
 LAWRENCE THAYER KALEK  
 DAVID EDWARD KALLIS  
 JAMES ALLEN KARLOVSKY  
 ALLEN MORRIS KATZ

PAUL THOMAS KINSELLA, JR.  
 JOHN JOSEPH KOKAT  
 JAMES DONALD KOTARA  
 JOHN EDWIN KOWALSKI  
 JOHN PETER KOZIOL  
 KIT PAUL EDWARD KRAUSS  
 CEZARY KRZYMOWSKI  
 STANLEY JOSEPH KUPER  
 JAMES CULLEN LABELLE, High Honors  
 STEVEN WAYNE LANDAUER  
 LEONARD PAUL LASKOWSKI  
 RENE M. LAURENS  
 JOSEPH JOHN LULA  
 DANIEL WILLIAM LUNA  
 JOHN CHESTER MALINOWSKI  
 HERAND MARTIROSSIAN  
 JOSEPH MATRISOTTO  
 ROBERT PATRICK MATTIS  
 GREGORY LOUIS MAXWELL  
 RONALD JOSEPH MAYKA, High Honors  
 PAUL JOSEPH MCCARREN  
 MICHAEL JOSEPH McLAUGHLIN  
 JEROME MEYERHOFF  
 DENNIS JUSTIN MIKALOUSKAS, High Honors  
 ROBERT WILLIAM MILLER  
 GEORGE MONASTER, Honors  
 JOSHUA B. MOOREHEAD  
 DANIEL FRANK MORAVEC, Honors  
 EUGENE BRENDON MORIARTY  
 JOHN R. MORTON  
 CHARLES MICHAEL MRAKUZIC  
 VICTOR M. NAKAWATASE  
 EDWARD RICHARD NETZEL, Honors  
 CHARLES MICHAEL NORTHROP  
 GERALD MITCHELL OLES  
 BRYON GEORGE PADERA, Highest Honors  
 JOHN ARMAND PALLANTI, Honors  
 GREGORY LEO PARMA  
 ROBERT LEE PATTON  
 STANLEY JOHN PAWLOWICZ  
 JAMES EDWARD PAZAK  
 KENNETH ALLEN PETERSON  
 WILLIAM THOMAS PIENTA

STANLEY PIETRZYK  
 RONALD LEE PILTZ  
 ERNEST JEAN PONSOLLE  
 ROBERT HOWARD RANDALL, Highest Honors  
 LASZLO NANDOR REPAY  
 ALI REZA REZAIAN, Honors  
 ANDREW CHRISTOPHER ROZYLOWICZ, Highest Honors  
 RICHARD BRIAN RUBENSTEIN  
 ROBERT EMMET RUSSELL  
 DAVID MARVIN SACKS  
 THOMAS ELMER SAHLIN  
 JAMES PATRICK SAUSEN  
 ROGER WALTER SCHALK, Highest Honors  
 ANTON PETER SCHEDL, JR.  
 ROBERT ALFRED SCHRAGE  
 GLENN RANDALL SCOTT, JR.  
 MOHAMMED SHAHROKH  
 GEORGE SHOW-HONG SHEN  
 MICHAEL DENNIS SILVERMAN  
 WALTER WESLEY SLOAN, Honors  
 PHILIP SMOLINSKI  
 JERRY LEO SMOLYNSKY  
 JEROME BRUNO SOBIERAJ  
 GREGORY GEORGE STAROSTKA  
 ROBERT GEORGE STERGIOS, Honors  
 RONALD MICHAEL STERKOWICZ  
 ROY R. STEWART  
 MAKOTO JEFF SUGANO, High Honors  
 RONALD CHARLES SURMA  
 WILLIAM MILTON TEIGLER  
 RALPH LAWRENCE TOBLER  
 RICHARD DANIEL TURNER  
 WILLIAM CHRISTOS TZAVOS  
 RICHARD JAMES VAN SPANKEREN  
 RICHARD CHARLES WARNER  
 JAMES EDWARD WERNER, Honors  
 DENNIS LEE WIDEMAN  
 JACK ROBERT WILCOX  
 RICHARD LAIRD WILSON  
 GARY MICHAEL WODEK  
 JAMES ALLEN ZYCH

## COLLEGE OF LIBERAL ARTS AND SCIENCES

### Degree of Bachelor of Arts

#### *In the Administration of Criminal Justice*

JOSEPH GREGORY BISCEGLIA, Honors in Liberal Arts and Sciences with Distinction in the Curriculum  
 PATRICIA ELAINE BOOZE  
 DENNIS WAYNE BUCHE  
 JOHN STANLEY BUDZYNSKI  
 KEVIN JAMES CAPLIS  
 GARY EDWARD ERDAKOS  
 DANIEL FRANCIS GALLAGHER, Honors in Liberal Arts and Sciences  
 DANIEL JOHN GENTY  
 JOE PASCAL MAYO

MARC ARAM MILLER  
 STEVEN DONALD MURPHY  
 WILLIAM JENNINGS O'NEILL, JR.  
 JAMES ANTHONY PALMISANO  
 JAMES RICHARD SKRZYPEK  
 JOHN MICHAEL THOMAS  
 THOMAS F. WALSH  
 JAMES FRANCIS WALWER, Honors in Liberal Arts and Sciences  
 JOHN JOSEPH WARD, Honors in Liberal Arts and Sciences  
 BARRIE MARK YACHER

*In Liberal Arts and Sciences*

- SILIS ABUBAKR  
 GERALD JOSEPH ACCESTURA  
 LYNNE BEATRICE ADAMS, Honors in Liberal Arts and Sciences  
 MARY ELIZABETH ADAMS  
 PATRICIA JOANN ADAMS  
 JOHN HARRY ALEXANDER, Honors in Liberal Arts and Sciences  
 DANIEL ARTHUR ALLEGRETTI  
 CAROL SUSAN ANDERSON  
 MARGARET EILEEN ANDERSON  
 SHARON COOK ANDERSON  
 ANNA HANSON ARMAGAST, Honors in Liberal and Sciences  
 LYNNE BETH ARON  
 DONALD ANTHONY ARQUILLA  
 RICHARD WILLIAM AVE MARIA, Honors in Liberal Arts and Sciences with Distinction in English  
 GREGORY ALLEN BACHMAN  
 ALAN EUGENE BAIN, Honors in Liberal Arts and Sciences  
 SALLY BAKER  
 HOLLY GERTRUDE BALOW  
 JAMES EDWARD BALSEWICH  
 ELAINE MARY BANACH  
 RAYMOND LOUIS BANAS, Honors in Liberal Arts and Sciences  
 RICHARD WALTER BAR  
 TERRANCE CHARLES BARBA  
 ARTHUR JOSEPH BARLOW  
 RONALD WILLIAM BARTGEN  
 HEIDE SCHLADITZ BARTHEL, Honors in Liberal Arts and Sciences  
 ROGER LEONARD BASH  
 ILENE APLEMAN BASS, Honors in Liberal Arts and Sciences  
 PETER ANDREW BATTERMAN  
 RONALD CHARLES BAUMANN  
 KARL WALTER BAUMRUCKER  
 MARGARET ANNE BEAUCHAMP  
 LINDA MARIE BEIREIS  
 DORIS CLIFTON BELL, Honors in Liberal Arts and Sciences with High Distinction in Anthropology  
 BEVERLY ANN BENFORD  
 MICHAEL KEVIN BENNETT  
 YVONNE ANN BEREZECKI, Honors in Liberal Arts and Sciences with Distinction in Spanish  
 GAIL MARY BERG, Honors in Liberal Arts and Sciences with Distinction in Spanish  
 ETTA BETH BERMAN  
 MICHAEL STEVEN BERNS  
 MARJORIE EPLER BEUKEMA  
 ANATOLE BILYJ  
 LORA LEE BLAIS, Honors in Liberal Arts and Sciences  
 BONNIE JEAN BLYTH  
 JOHN RICHARD BOKINA  
 JOELLEN RAE BOLDEN, Honors in Liberal Arts and Sciences  
 MICHAEL PATRICK BOLTON  
 PATRICIA ANN BOMHER, Honors in Liberal Arts and Sciences with Distinction in Speech  
 WILLIAM CARLETON BOREM  
 GREGORY LEE BORUCKI  
 PATRICIA ANN BRAY  
 MARILYN JEAN BRISSETTE  
 RADMILA BRODICH, Honors in Liberal Arts and Sciences with Highest Distinction in English  
 HENRY CHARLES BROMANN  
 JACQUELINE REED BROWN  
 CAROL JEAN BROWN  
 LORINE BROWN  
 MARILYN ANNE BRUSHERD  
 REIDAR BRYNJELSEN  
 JOHN FRANCIS BUCHER  
 RUTH IRMA BUELOW, Honors in Liberal Arts and Sciences  
 JOSEPH JAMES BURKE, Honors in Liberal Arts and Sciences  
 BARBARA ANNE BURKEPILE  
 BARBARA JEAN BUSCH  
 LESLEE ELAINE BUSHKIN  
 LARRY RAY BUTCHER  
 HELEN ADELE CAHNMANN, Honors in Liberal Arts and Sciences  
 BURTON JOHN CALLOWAY  
 DONALD JOSEPH CAMERON  
 JOHN KARL CAPOS  
 BELINDA MILES CHEN  
 ROBERT JAMES CHENNEL  
 PATRICIA LOUISE CHIDESTER, Honors in Liberal Arts and Sciences  
 LEONARD JOHN CIAPAS  
 CHARLES JOHN CIESLAK  
 THOMAS JOSEPH CISAR  
 ELIZABETH JANE CLAPP  
 JAMES EDWARD CLAUSEN  
 PENNY PAGANIS CLEMMONS  
 BARBARA JOYCE COHEN  
 DONNA ANN COHEN  
 NANCY JEAN COLE  
 MARY ELLEN CONLEY  
 EDWIN JOHN COOK, Honors in Liberal Arts and Sciences with Distinction in Chemistry  
 MARY HELEN COOK  
 PATRICK MICHAEL COOLAHAN, Honors in Liberal Arts and Sciences  
 NORMA JEANNE COOPER, Honors in Liberal Arts and Sciences  
 BRANDT COTOVSKY  
 JOHN JAMES COTROMANES  
 RICHARD TIMOTHY COTTER  
 DALE COWEN  
 LINDA SUE COX  
 EILEEN CHAPMAN CRANE

- WOODROW MARVIN CUNNINGHAM  
 JOHN WILLIAM CZARNIK  
 LAWRENCE JOHN CZEPIEL, Honors in  
     Liberal Arts and Sciences  
 BOHDAN CZERWINSKYJ  
 BOHDANNA CZORNIJ  
 ISAAK DANIEL  
 BARBARA MARIE DAVENPORT  
 SUSAN GADEN DAVIDSON  
 BARBARA DOLORES DEBS  
 BILL GEORGE DEMITROPOULOS  
 VIRGINIA RIEBI DERIKRAVA  
 JANIS RAE DINNING  
 GREGORY PAUL DORWARD  
 WILLIAM EVANS DOUKAS, Honors in  
     Liberal Arts and Sciences  
 ALBERT WILLIAM DRANTZ  
 CYNTHIA ANN DREW  
 MARLENE JANET DRUSKA, Honors in  
     Liberal Arts and Sciences  
 THOMAS JOSEPH DUDAK  
 RESA LYNN DUDOVITZ  
 ANN PATRICIA DUFFY  
 ARDYTH LORRAINE DUHATSCHKEK, Hon-  
     ors in Liberal Arts and Sciences  
 LORRAINE CHRISTINE DULIAN  
 EARNEST LEE EASTON  
 LOUISE MARIE EDELBLUT  
 ROY DAVID EDGREN  
 KATHLEEN MARY EKLUND  
 JANE ENDLER  
 LINDA KATHLEEN ENG  
 CHRISTINE MARIE ESTES  
 STEPHANIE MARIE EVANS  
 JOHN THOMAS EVRAD, Honors in Lib-  
     eral Arts and Sciences  
 DEAN DAVIS FALK, Honors in Liberal  
     Arts and Sciences with Distinction  
     in Anthropology  
 WILLIAM ROBERT FANG  
 EUGENE FARMILANT, Honors in Liberal  
     Arts and Sciences  
 CAROL ANN FECZKO  
 JOHN GEORGE FEELY, Jr., Honors in  
     Liberal Arts and Sciences  
 PATRICK WILLIAM FEGAN  
 PAUL CHARLES FEIL  
 NANCY HELEN FELDMAN  
 JOHN WAYNE FELKAMP  
 SANDRA DALE FINKELSTEIN, Honors in  
     Liberal Arts and Sciences  
 JEANNE LOWRY FISCHER  
 JAMES PAUL FITZ MAURICE  
 ALLAN FLETCHER, Honors in Liberal  
     Arts and Sciences with Distinction  
     in History  
 GERALD PAUL FONTECCHIO  
 DANIEL RICHARD FORMELLER  
 CYNTHIA KRAJENTA FORTINO  
 SYLVIA LORRAINE FRANCIS  
 WILLIAM LEROY FRAYNE  
 SUSAN JOY FREEMOND  
 STEVEN ALAN FRENCH  
 MARK FREDERICK FRIEDMAN  
 JAMES STEPHEN FULLMER  
 ALAN MICHIO FURUTA  
 JAMES BARRY GALLAI  
 WILLIAM LEE GAMLIN, Honors in Lib-  
     eral Arts and Sciences  
 KAY KILLIP GANSER  
 MICHAEL PETER GARIPPO  
 SUSAN MARY GARTNER, Honors in Lib-  
     eral Arts and Sciences  
 SUSAN ELIZABETH GAUL, Honors in  
     Liberal Arts and Sciences  
 ARTHUR MELVIN GELMAN  
 RAYMOND VICTOR GERARDI  
 LYDIA MCKINLEY GLEES  
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 ROBERT JOEL HOWARD, Honors in Liberal Arts and Sciences  
 BARBARA JO INENDINO  
 REGINA NANCY JENRICK, Honors in Liberal Arts and Sciences  
 BASSAM JAMIL JODY  
 RONALD ALLEN JONES  
 WILLETTA DORENE JONES  
 MARTIN JACK KADZIELA  
 SHELDON KAHN  
 HRAIR K. KELESHIAN

- KEVIN FRANCIS KENNEDY  
 ABRAHAM KERN, Honors in Liberal Arts and Sciences  
 AUDREY ANN KICK, Honors in Liberal Arts and Sciences  
 FLORENCE ANN KIKTA  
 MARGARET MARY KINNALLY, Honors in Liberal Arts and Sciences  
 BARBARA LEE KIRCHICK, Honors in Liberal Arts and Sciences with Distinction in Psychology  
 ELIZABETH KORNECKI  
 TERESA KORZENKO  
 MICHAEL ALLEN KOZLOWSKI  
 KENNETH LEO KUBOS  
 VYTENIS PETRAS KURAITIS  
 CAROLE M. LACHMAN, Honors in Liberal Arts and Sciences with Distinction in Mathematics  
 DONALD GARY LAMBE  
 VYTAUTAS LAUCIUS  
 SUSAN MARIE LEAHY  
 JOHN DONALD LYON  
 SHARON M. MADRAK, Honors in Liberal Arts and Sciences  
 ROBERT PAUL MATZ  
 RICHARD ALAN MAYES  
 ANDREW ROMAN MELNYK  
 HOWARD MENDELSON, Honors in Liberal Arts and Sciences  
 DONALD JULIUS MEYER  
 GEORGE ALAN MILAUSKAS  
 ROBERT ALAN MILLS  
 JOEL J. MINTZES, Honors in Liberal Arts and Sciences with Distinction in Biology  
 SUSAN F. MIODUSZEWSKI  
 NATHANIEL EDWARD MORGAN  
 JULIA MOY  
 SALINA YIM MOY  
 DAOUD MOHAMMED NABHAN  
 ALLEN HAROLD NELSON  
 MARSHA VIVIAN NEWMAN  
 JANET ELIZABETH O'BRIEN  
 KAREN MARIE OGORZALEK  
 MYRON STEPHAN OLIJNYK, Honors in Liberal Arts and Sciences  
 DAVID LESTER OLMSTED, Honors in Liberal Arts and Sciences with Distinction in Mathematics  
 JUDITH ANN ORLANDINI, Honors in Liberal Arts and Sciences  
 LINDA LOU OYER  
 MARIO JOSEPH PARISI  
 CHARLES JOSEPH PASSO, Jr., Honors in Liberal Arts and Sciences  
 JAMES JOHN PAWLIK  
 DEVAUGHN KENNETH PEACE  
 JOHN THOMAS PENDOLA, Honors in Liberal Arts and Sciences  
 JOAN FINE PETZOLD  
 FRANCES PIVORUNAS, Honors in Liberal Arts and Sciences  
 BOHDAN MARIAN PLESHKEWYCH  
 STEVEN JAY POLEN, Honors in Liberal Arts and Sciences with Distinction in Psychology  
 GABRIELLA PONTARELLI  
 AARON LEE PORTER  
 RALPH TERRY POTKIN, Honors in Liberal Arts and Sciences  
 LYNDA JEAN POTZUS  
 FRANK JOSEPH PREROST  
 RICHARD LLOYD PRESTON  
 ANDREW PUDZIANOWSKI, Honors in Liberal Arts and Sciences  
 LARRY RICHARD RABE  
 BARBARA MARY RABIEJ  
 BRUCE ALLEN RADEBAUGH  
 THOMAS KEVIN RESK, Honors in Liberal Arts and Sciences  
 NANCY LYNN RIEGER  
 ROGER STUART RITZLIN, Honors in Liberal Arts and Sciences  
 GORDON ROHR  
 ROBERT AMERIGO ROSELLINI, Honors in Liberal Arts and Sciences  
 TERRY A. ROSENBERG  
 LEWIS EDWARD ROSS  
 JOHN CHARLES ROUBIK, Honors in Liberal Arts and Sciences with Distinction in Biology  
 DOROTHY RYBACZYK  
 MARTIN NATHAN SACHMAN, Honors in Liberal Arts and Sciences  
 EDWIN KENJI SAKAMOTO, Honors in Liberal Arts and Sciences  
 FRANK GREGORY SALVATINI  
 MITCHELL KEITH SANDERS  
 NORMAN R. SCHEDIN  
 WILLIAM JOHN SCHILLER, Honors in Liberal Arts and Sciences  
 JACK GORDON SCHWARTZ  
 PETER THOMAS SENATORE, JR.  
 GEORGE SHABAN  
 GERALD MARTIN SHKOLNIK  
 RICHARD GENE SIEPKOWSKI  
 NEAL TERRY SILVERSTEIN, Honors in Liberal Arts and Sciences  
 PAMELA SUE SKAAR  
 WALDEMAR JOHN SMIELIAUSKAS, Honors in Liberal Arts and Sciences  
 THOMAS MICHAEL SMILEY, Honors in Liberal Arts and Sciences  
 FRONSE WAYNE SMITH  
 ELBERT BOHANNON SMITH  
 KRISTINA OLYMPIA SODEIKA  
 MICHAEL DAVID SPECTOR  
 ROBERT WALTER STANEK  
 COSTELLO CORNWALLIS STOKES, Honors in Liberal Arts and Sciences  
 EARL JAY STRASSBERGER  
 SUMATI SUBBARATNAM  
 WILLIAM FRANCIS SULLIVAN, Honors in Liberal Arts and Sciences with Distinction in Chemistry  
 LECH SZEWczyk, Honors in Liberal Arts and Sciences with Distinction in Mathematics  
 MARY JANE TAMMEN

JAMES MICHAEL TANNURA  
 PAUL EDWARD TIEGS  
 RICHARD STANLEY TRYNDA  
 ADELA FELICE TYSON  
 THEODORE EDWARD UKLEJA III  
 SYLVIA NOER VANBERSCHOT  
 JOHN ROBERT VECE, Honors in Liberal Arts and Sciences  
 RANDALL MICHAEL VITEK, Honors in Liberal Arts and Sciences with Distinction in Mathematics  
 GEORGE MICHAEL VOGL, Honors in Liberal Arts and Sciences  
 ALAN EDGAR VOGT  
 ROBERT SCOTT WATERS  
 GLENN WEINER

WILLIAM FRANCIS WEINER  
 RUTH MAKEPEACH WENGER  
 RINA YUEN WONG, Honors in Liberal Arts and Sciences with Distinction in Mathematics  
 SOPHIE MARIE WOROBEK, Honors in Liberal Arts and Sciences  
 THOMAS GEORGE WOROBEK, Honors in Liberal Arts and Sciences with Distinction in Biology  
 JOSEPH STANLEY WRUBLEWSKI, Honors in Liberal Arts and Sciences  
 WILSON WILLIAM YONAN  
 MICHAEL ALAN ZURAKOV, Honors in Liberal Arts and Sciences

*In Physics*

STEVEN PAUL AHLEN, Honors in Liberal Arts and Sciences with Distinction in Physics  
 KONRAD ANTON ANIOL, Honors in Liberal Arts and Sciences  
 GERALD THOMAS CUZELIS, Honors in Liberal Arts and Sciences

NEIL HOWARD SECHAN, Honors in Liberal Arts and Sciences with High Distinction in Physics  
 NICHOLAS THEODORE THALASSINOS  
 FRANK JACK VARGO

*In the Teaching of Biological Sciences*

GERALD FRANK BOKOWY

PATRICIA ANN TINOR

*In the Teaching of Chemistry*

KARIN MARIETTA SCHLOEGL

*In the Teaching of Geography*

SUSAN ANN STOCKMAL, Honors in Liberal Arts and Sciences

*In the Teaching of Mathematics*

ANITA KOLB BLOCK, Honors in Liberal Arts and Sciences with Distinction in Mathematics  
 SUSAN MARIE BROWN, Honors in Liberal Arts and Sciences  
 LINDA SUSAN COLOMBO, Honors in Liberal Arts and Sciences with Distinction in Mathematics  
 RICHARD ALAN DREZNER, Honors in Liberal Arts and Sciences  
 MICHAEL JOSEPH DUELLMAN  
 PHILIP VICTOR FOURNIER  
 ADELINE ANN GRISOLANO, Honors in Liberal Arts and Sciences  
 PATRICIA ANN GUSTAFSON, Honors in Liberal Arts and Sciences with Distinction in Mathematics

DEBORAH ANNE HUGHES  
 GAYLE SMITH KOLAR, Honors in Liberal Arts and Sciences  
 MARY ANN KUCA, Honors in Liberal Arts and Sciences with Distinction in Mathematics  
 NICHOLAS S. LABOVSKY, Honors in Liberal Arts and Sciences  
 SALLY HELEN MERLE  
 DONALD BURK MURRAY, JR.  
 NANCY JANE PALUMBO, Honors in Liberal Arts and Sciences  
 MARCIA LOUISE THARP  
 WAYNE MICHAEL ZAGE, Honors in Liberal Arts and Sciences with Distinction in Mathematics

**SCHOOL OF PHYSICAL EDUCATION**

**Degree of Bachelor of Science**

*In Physical Education*

SUSANNE ALTENBACH  
 SUSAN HELEN BRZozowski  
 BOBBE SUSAN COHN  
 CLARA MAE CUNNINGHAM

JAMES ROCCO DAGOSTINO, Honors  
 PATRICIA IRENE DARROW  
 VERNON CHARLES DREHER  
 RICHARD R. FAHEY

WALTER JOHN FILIPOWICZ  
LARRY W. FREY  
JAMES MICHAEL GEIGER  
DIANE BARBARA HODOROWSKI  
LYNN MARGARET JONES, Honors  
GEORGE HENRY KRAMER  
DENNIS WILLIAM LYNCH  
ARNOLD MANDELL, Honors  
KATHLEEN ALICE MARCY

ROBERT JAMES MATHEWS  
DONALD NORMAN MENDRO  
MARY ANN MUDRA  
THOMAS LYLE PLUISTER  
GERALD CHARLES SCHERRER  
KAREN KATHERINE SCHRAMM  
JOEL JOHN SIMONE  
ROBERT E. TWARDY  
JEAN WOJDULA, Honors

### MEDICAL CENTER

*Degrees Conferred September 6, 1969*

### COLLEGE OF DENTISTRY

#### Degree of Bachelor of Science in Dentistry

CLAYTON FREDERICK ALBERT, JR.  
JAMES LEE ARMSTRONG  
STEPHEN MICHAEL BLAIN, B.S., 1967  
JERRY BROOKS  
ALEXANDER LINDEL BROWN  
STEVEN BURGARD  
KENNETH JAMES EVANS  
ROBERT ALLAN FLORENCE  
KENNETH ALLAN GERSTEIN  
WALTER THEOPHILUS GUNRAJ  
WAYNE JOSEPH HARKNESS  
JEFFREY MARTIN HENKIN, A.B., Lake Forest College, 1967  
JAMES HAROLD ISAACSON, A.B., Miami University, 1967  
WALTER JOHN JAGODZINSKI  
WALTER GERALD JANIS, B.S., Elmhurst College, 1967  
ROGER NILS JANSSON, A.B., Augustana College, 1967  
DAVID STUART JOHNSON, A.B., Lewis College, 1967  
THOMAS FRANCIS KAINEG, Honors; B.S., Northern Illinois University, 1967  
THOMAS JOSEPH KING, JR., B.S., 1967  
JIMMY MICHAEL KLEE  
MARTIN LAPIDUS  
CHARLES ANTHONY LOGIUDICE  
JOHN ANTHONY MAGUIRE, A.B., Knox College, 1966  
DAVID LEE MELING  
DENNIS JOEL MILLER, A.B., 1967  
MICHAEL ROYAL MINTZ, B.S., Muhlenberg College, 1967

ROBERT STEPHEN MUMFORD  
JOHN SCOTT PAIGE, JR.  
ROBERT JOSEPH PARTAK, B.S., Valparaiso University, 1967  
THOMAS LOWELL PEACOCK  
WARREN RICHARD PETERSON  
JAMES ROBERT PONSER  
THOMAS EDWARD RESNICK  
RICHARD ALLEN ROTHERMEL, A.B., St. Olaf College, 1967  
MICHAEL PATRICK RYAN  
MARTIN BARRY SANDERS  
WENDELL ALLEN SARGENT, A.B., North Central College, 1965  
JAMES CHARLES SCHARDT  
MICHAEL YALE SCHWARTZ, A.B., 1967  
IRWIN MICHAEL SEIDMAN, B.S., 1967  
BOB C. STONE  
ROBERT POHLPLATZ THORNTON  
WAYNE GERALD THORPE, B.S., Utah State University, 1965  
JORDAN JAY TILDEN, B.S., Roosevelt University, 1966  
SUE ELLEN TRAPP  
KENNETH THOMAS TRIGGER  
THOMAS JACOB WALLEN  
CHRISTOPHER STANLEY WENCKUS, A.B., Ripon College, 1967  
ROBERT MERLE WILLARD, A.B., Illinois College, 1965  
VERNON ROBERT WILLERT, JR.  
RICHARD ALLEN WILSON  
JOHN FRANCIS WONDERLICK, B.S., 1967

#### Degree of Doctor of Dental Surgery

ROBERT CARL AHLERS, B.S., 1967  
DENIS DAVID ANDERSON, B.S., 1966, 1967  
LEON RAYMOND KELLEHER, B.S., 1965, 1967

VICTOR KLASSEN, D.D.S., University Federal of Parana, 1958  
PETAR MILENKOVIC, D.S., University of Belgrade, 1961

### COLLEGE OF MEDICINE

#### Degree of Doctor of Medicine

JOSEPH WILLIAM BRUCKMAN, B.S., 1963

**COLLEGE OF NURSING****Degree of Bachelor of Science in Nursing**

LYDIA MARTHA FISCHER CARROLL  
 CATHERINE JOAN CORSO  
 JUANITA ESTHER DADE  
 PATRICIA ANNE KIDDOO  
 DOROTHY MAY LANUZA  
 CAROLE ELIZABETH BARTLETT MACKEY,  
 B.S.N., Wheaton College, 1968  
 DORLEEN YVONNE BAILEY MCCANN

ROSEMARY IRENE SIMPSON MILLER  
 JO ANN POPE, Honors  
 RUTH ELAINE SCHUIT, High Honors  
 BARBARA JEAN PARKER SCHUMACHER  
 NANCY JO NIXON SCHWABAUER  
 SHARON EILEEN STANTON  
 VIRGINIA ANN SHANKS WENK, High  
 Honors

**COLLEGE OF PHARMACY****Degree of Bachelor of Science in Pharmacy**

KATHLEEN SANTA ROSE ALBANESE

ALAN NEWTON TAYLOR

*Degrees Conferred December 13, 1969*

**COLLEGE OF DENTISTRY****Degree of Bachelor of Science in Dentistry**

WILLIAM GARRY DOBRIN

**Degree of Doctor of Dental Surgery**

HENRY DEAN SABERMAN, B.S., 1964

DONALD NEWTON TUCK, JR.

**COLLEGE OF NURSING****Degree of Bachelor of Science in Nursing**

KATHLEEN LOUISE SHAW BRANDT  
 HELEN JOYCE CLEMENS  
 JOAN ELAINE SWINEHAMER EDWARDS  
 JUANITA SHARON GOY  
 ERIKA BRIGITTE KALIS  
 JEANNE FRANCES LAWLER

MARY LOUISE LYNCH  
 KATHLEEN WILSON MAXSON, Honors  
 KATHLEEN ANN MCKILLIP  
 CHRISTA HELLA OLTSMANN SPALTEHOLZ  
 EVELYN GREENWOOD TOCH, Honors

**COLLEGE OF PHARMACY****Degree of Bachelor of Science in Pharmacy**

GARY JAMES NOLAND

*Degrees Conferred March 21, 1970*

**COLLEGE OF NURSING****Degree of Bachelor of Science in Nursing**

MARJORIE ANN BOYINK  
 JEANNE FRANCES KNOWLES DeBATTY,  
 Honors

CAROLYN SUE SCHOTT DYSTRUP, Honors  
 SUE ELLEN MORRIS  
 ROBERTA KAY ZIND, High Honors

**COLLEGE OF PHARMACY****Degree of Bachelor of Science in Pharmacy**

JACK BLEICHMAN

JOSEPH JAMES RUIZ

*Degrees Conferred June 12, 1970*

**HONORARY DEGREE****Degree of Doctor of Science**

WARREN HENRY COLE, B.S., M.D.

## GRADUATE COLLEGE

## Degree of Doctor of Philosophy

*In Anatomy*

ANNIE LAURIE GRIFFITH, B.S., Roosevelt University, 1965  
WAYNE ANTHONY KRUEGER, B.S., M.S., John Carroll University, 1963, 1967  
EDWARD JAMES MOTICKA, A.B., Kalamazoo College, 1966  
RICHARD HERMAN ZESCHKE, B.S., 1964

*In Biological Chemistry*

ANTHONY MICHAEL ADAMANY, A.B., Rockford College, 1962; M.S., 1967  
THOMAS HARRISON CLAUS, B.S., Wheaton College, 1964  
RICHARD WILSON GRAY, A.B., North Central College, 1964; M.S., 1967  
CHARLES LAWRENCE HARRIS, B.S., 1966  
ROBERT CHUNG-YING HSU, B.S., National Taiwan University, 1958; M.S., Vanderbilt University, 1967  
DAVID HART WARNOCK, A.B., Blackburn College, 1963

*In Chemistry (Pharmaceutical)*

SOU-YIE CHU, B.S., National Taiwan University, 1964  
NORMAN LEROY HINES, B.S., 1963

*In Microbiology*

JOHN LEONARD VICE, B.S., Loyola University, 1963; M.S., 1965

*In Pathology*

THOMAS ABRAHAM VICTOR, M.D., 1964

*In Pharmacology*

JOHN TAYLOR HACKETT, B.S., 1964

*In Pharmacy*

WALTER F. STANASZEK, B.S., M.S., 1962, 1966

*In Physiology*

WILLIAM JAMES BUCKLEY, B.S., Loyola University, 1965  
PAULA BERNARDINE COPACK, B.S., Mundelein College, 1964  
CARYN GROSSBERG DUPON, B.S., Roosevelt University, 1965  
GABRIEL MARCEL GAUTHIER, C.E.S., Grenoble University, 1965  
GERALD LANE GOTTLIEB, B.S., M.S., Massachusetts Institute of Technology, 1962, 1964  
LOIS JANE SKAGERBERG HELLER, A.B., Albion College, 1964; M.S., The University of Michigan, 1966  
CHANTAL LAU, A.B., University of California, 1966  
JEFFREY LEVETT, B.S., University of Durham, 1960, 1961  
ANTHONY NICHOLAS MUCCIARDI, B.S., Indiana Institute of Technology, 1961; M.S., Case Institute of Technology, 1965  
LYNN GEORGINE LORENZEN NEQUIN, B.S., North Park College, 1965  
RICHARD JOSEPH REINHART, A.B., B.E.E., University of Delaware, 1964  
JOHN LEONARD SEMMLOW, B.S., 1964  
DONALD RALPH STROMBECK, B.S., D.V.M., 1952, 1954

## Degree of Master of Science

*In Anatomy*

ROBERT PENROSE BARBER, A.B., Millikin University, 1967

*In Biological Chemistry*

ZENaida NATIVIDAD OANDASAN BONGAARTS, A.B., Barat College of the Sacred Heart, 1967  
PAUL ZUNG-YING HAN, B.S., 1966  
RONALD SINCLAIR NOHR, A.B., Linfield College, 1962; M.S.T., Portland State College, 1967



*In Chemistry (Pharmaceutical)*

NOA HARARI, B.S., Technion Israel Institute of Technology, 1965

*In Histology (Dental)*

CHARLES EUGENE HAWLEY, A.B., The Johns Hopkins University, 1957; D.D.S., University of Pennsylvania, 1962

STUART ALAN KLEIN, D.D.S., 1969

GEORGE ROBERT RIVIERE, A.B., Drake University, 1966; B.S., D.D.S., 1966, 1968

*In Medical Psychology*

LAWRENCE JAY FINE, B.S., The University of Wisconsin, 1968

*In Microbiology*

LOURDES RIVERO VALENZUELA ALBERS, B.S., Philippine Union College, 1961

MAUREEN EDITH BOCIAN, A.B., University of California, 1966

MING-YI HSU CHOU, B.S., National Taiwan University, 1967

FRANCIS DARCY DORIGAN, B.S., Loyola University, 1955

KATHLEEN MARIE ERICKSON, B.S., 1967

THEODORE RAY JOHNSON, A.B., Augsburg College, 1968

TERRANCE JOSEPH MAGOC, B.S., 1967

MARAYART MANGKORNKANOK, B.S., University of Medical Sciences, 1965

ELLEN MILLER, B.S., 1966

CAROL SUSAN SCHUFFLER, B.S., 1968

ANGELINA LEE TAN, B.S., University of Santo Tomas, 1966

RONALD DAVID WISE, B.S., 1967

*In Oral Pathology*

SOW-YEH CHEN, B.M.D., National Taiwan University, 1965

*In Orthodontics*

LOUIS MATTHEW ANDRIA, B.S., D.D.S., 1952, 1954

JAMES BYRON BERKE, B.S., Northern Illinois University, 1963; B.S., D.D.S., 1966, 1968

EDWARD JOEL JOHN, B.S., D.D.S., 1960, 1962

BRUCE WALTER WISNER, D.D.S., Marquette University, 1966

*In Pathology*

EBRAHIM AMIRMOKRI, M.D., Tehran University, 1961

*In Pharmacognosy*

STEPHEN RICHARD BONOMO, B.S., 1969

*In Pharmacology*

JOEL MICHAEL BUSSE, B.S., Bradley University, 1966; M.D., 1969

ROBERT VICTOR WACHS, A.B., Northwestern University, 1966

*In Pharmacy*

ROBERT SAUL LEVINSON, B.S., 1966

*In Surgery*

ROBERT MICHAEL BARONE, B.S., Georgetown University, 1962; M.D., State University of New York, 1966

WILLIAM HIATT HART, A.B., DePauw University, 1963; M.D., 1967

RONALD LEE NICHOLS, M.D., 1966

LAWRENCE VICTOR SCHOENFELD, A.B., Princeton University, 1963; M.D., George Washington University, 1967

ALBERT KALES STRAUS, A.B., Harvard College, 1963; M.D., Northwestern University, 1967

**Degree of Master of Science in Nursing**

MARIAN RUTH BAEDER, B.S.N., University of North Dakota, 1968

LORNA KAY MILL BARRELL, B.S., The University of Minnesota, 1955

CHARLES ARTHUR BOMBERGER, B.S.N., Wayne University, 1956

BRENDA JEAN BRIGGLE FORSTER, B.S.N., 1968  
 DOREEN ELIZABETH MULREANY HARRIS, A.B., Mount Holyoke College, 1963; B.S., Columbia University, 1965  
 JUDY ANN JACOB HASELHORST, B.S.N., 1966  
 GLORIA ANN MARTIN HENDERSON, B.S.N., Northwestern University, 1952; B.S., Elmhurst College, 1953  
 ARLENE MILLER KAHN, B.S.N., 1963  
 SHIRLEY ANN KOERNER, B.S., University of Wisconsin, 1965  
 SHARON LORRAINE LIGON, B.S., Fort Hays Kansas State College, 1960  
 ROSE MARIE NAVARRO, B.S., Saint Xavier College, 1966  
 ANNETTE ALDERMAN PICKENS, B.S., Northwestern State College, 1955  
 PATRICIA KENYON PORZEMSKY, B.S., University of Missouri, 1964  
 ARDITH ANN WALSH, B.S.N., Southern Illinois University, 1964

### COLLEGE OF DENTISTRY

#### Degree of Doctor of Dental Surgery

VAN HEISS ACKERMAN	EDWARD KALSBECK, B.S., 1968
JOHN LEWIS ADAMS, B.S., 1968	ROLAND EDWARD KEHR, Jr.
KENNETH LOUIS AQUINO	DAVID LEE KELSHEIMER
JAMES FRANK ARIENT	KENNETH EDWARD KONIG, Jr., B.S., 1968
WAYNE EDWARD BARNHISEL, A.B., Monmouth College, 1966; B.S., 1968	DONALD GEORGE KREHL, B.S., 1968
JEFFREY NORTHRUP BECK, B.S., 1968	LESLIE LANCE LAGERQUIST
HARRY RAYMOND BEGLEY, Jr.	RICHARD EDWARD LEEDS, B.S., 1968
STEPHEN PAUL BELCHER, B.S., 1968	MICHAEL STEWART LERMAN, B.S., 1967, 1968
NEAL ROBERT BENHAM	RONALD FRANCIS LUZZO
WILLIAM REIF BENNETT, B.S., 1968	DANIEL JOHN MACKAY, B.S., 1968
GERALD MICHAEL BIEZE, B.S., 1968	JAMES JAY MANGLE, B.S., Iowa State University, 1966; B.S., 1968
LARRY WAYNE BIGGS, B.S., 1968	JOHN MICHAEL MARSHALL, Jr.
LARRY NEAL BILLINGS	BRUCE ALLAN MASON, B.S., 1968
DONALD KEITH BURDEN	STEPHEN ANDREW MILLER, B.S., 1968
ALLAN HOWARD CHARLES	JOHN FREEMAN O'KEEFE, B.S., 1968
JEAN MARTIAL CORRIVEAU, A.B., Uni- versity of Virginia, 1965; B.S., 1967	RICHARD EMIL OLSON
JOHN GEORGE CRAWFORD, B.S., 1968	TERRY JON ORTMAN
JACK LEE CROCKER	ALLEN CURPHEY OWEN, B.S., University of Wisconsin, 1964
HENRY TODD CUBBON, B.S., 1968	ALAN CARL PETERSEN, A.B., Monmouth College, 1966; B.S., 1968
WILLIAM DUNCAN DOWNIE	DENNIS ROY PIETRINI, B.S., 1968
TERRANCE MICHAEL DOWNS	ZENON MICHAEL PRANE, Jr., B.S., 1968
ROBERT WILLIAM EVANS, Jr., B.S., 1966	MICHAEL LEE PRIMACK, B.S., 1966
DAVID STANLEY EVASKUS	ALLAN NASH RANZ
MICHAEL JOSEPH FRANZEN	RICHARD LELAND REICH, Honors; A.B., University of Oregon, 1965; B.S., 1968
RICHARD ALAN GILBERT, B.S., 1968	THOMAS MICHAEL SCHULEIN, B.S., 1968
PAUL LEE GLICK, B.S., 1968	STUART MICHAEL SCHWARTZ, B.S., 1966, 1968
STUART LEE GOLDBLATT	JOHN NELSON SCOTT, A.B., Southern Illinois University, 1966; B.S., 1968
DOUGLAS VAN GORIN, A.B., B.S., 1966, 1968	BERNARD FRANCIS SLAUGHTER, with Honors; A.B., Southern Illinois University, 1965; B.S., 1968
STEVEN ALAN GRIFFIN, B.S., 1968	ROBERT BERNARD SMITH
BRUCE CURT GRONNER, B.S., 1968	WILLIAM STANASZEK, B.S., The Citadel, 1951
LARRY DONALD HALL, B.S., 1968	JAMES JOSEPH SWIATEK, B.S., 1968
JOHN JOSEPH HANCK, B.S., 1965, 1968	GEORGE TELATNYK, B.S., 1968
ROBERT JOSEPH HANEY	RICK POWER ARRRICK TEMPLE
WILLIAM MACK HANG, Honors	ROBERT GEORGE THOMAS, Jr., B.S., 1968
JAMES STUART HEMPHILL, B.S., 1968	GILBERT STEVEN UNATIN
STEPHEN RICHARD HERTZBERG, B.S., 1968	WILLIAM FRANCIS VANCE
STANLEY COTT HESS, B.S., The College of Emporia, 1963; B.S., 1968	
ROBERT LOUIS HOCHSTETTER, B.S., 1968	
DAVID HORBERG	
EDWARD JEROME JAMES, A.B., Drake University, 1966; B.S., 1968	
STEVEN KAHN	

KENNETH J. VERSMAN, B.S., 1969  
 DANA DANGUOLE VITKUS  
 VINCENT COSIMO VIVIRITO, B.S., North-  
 ern Illinois University, 1966  
 LAWRENCE NORMAN WALLACE, B.S.,  
 1966, 1968

RUSSELL EDWARD WALTERS, JR., B.S.,  
 1968  
 FREDERICK LOUIS YOUNG, A.B., Elm-  
 hurst College, 1965; B.S., 1968  
 WILLIAM RICHARD ZIMMERMAN, B.S.,  
 1968

### COLLEGE OF MEDICINE

#### Degree of Doctor of Medicine

PHILIP WARREN ALBRECHT, B.S., 1967  
 JEFFREY LYNN ALEXANDER, A.B., North-  
 western University, 1966  
 JUDITH MARY WENZEL ANDERSEN, A.B.,  
 Rosary College, 1965  
 RAYMOND HALL ANDREW, B.S., 1966  
 CARL ARTHUR ANDREWS, B.S., Wheaton  
 College, 1966  
 IRIS KLAIR ARONSON, B.S., 1966  
 BARRY CRAIG ASHKINAZ, B.S., 1968  
 CHARLES LEROY BARBEE, A.B., Mac-  
 Murray College, 1966  
 FREDERICK ALLAN BARBER, A.B., Grin-  
 nell College, 1966  
 STEVEN MARK BARDOLPH, B.S., Calvin  
 College, 1966  
 MICHAEL MYERS BARTLESON, A.B.,  
 Northwestern University, 1966  
 WILLIAM WHITTIER BAUMGARTNER  
 JAMES JOHN BEIER, A.B., St. Mary's  
 College, 1966  
 WILLIAM RICHARD BELTZ, Honors;  
 A.B., University of Missouri, 1966  
 RICHARD ALBERT BERGRUD, A.B., Au-  
 gustana College, 1965  
 MARILYN KAYE WALTERS BERLINER,  
 B.S., Western Illinois University,  
 1967  
 OSCAR BETANCOURT  
 STEVEN PETER BLEIWEISS  
 RICHARD ALAN BLOOM, B.S., University  
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 RICHARD HENRY BOLT, A.B., Hope Col-  
 lege, 1965  
 PHILIP DAVID BONOMI  
 STEPHEN DARWIN BOREN  
 DARRYL ALAN BOUFFARD, B.S., 1966  
 ROBERT EARL BOYD III  
 THOMAS EDWARD BREWER, A.B., 1966  
 BARRY DAVID BROWN, B.S., 1967  
 HOWARD STANTON BROWN, B.S., Roo-  
 sevelt University, 1966  
 STEPHEN JAMES BRUBAKER, A.B., Mi-  
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 NADINE CECILE BRUCE, B.S., College of  
 St. Francis, 1964  
 MARK ALFRED BULLOCK, B.S., Univer-  
 sity of South Dakota, 1968  
 JACK MARTIN BULMASH  
 DAVID WILLIAM BURKE, B.S., 1966  
 RALPH VICTOR CABIN, B.S., 1968  
 WILLIAM EDWARD CARSKADON, JR., B.S.,  
 1962

TAT KUEN CHOI, B.S., 1966  
 FREDERICK WILLIAM CHURCH, JR., B.S.,  
 Northern Illinois University, 1966  
 RICHARD TERRY COPPOLETTI, B.S., 1967  
 JAMES ROBERT COX, B.S., University of  
 Notre Dame, 1966  
 LYNN RAOUL DALE, B.S., 1967  
 MARIAN SUSAN DALSEY, B.S., Univer-  
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 DOMINICK D'AMBROSIO, JR.  
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 Pauw University, 1966  
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 NORMAN STEVEN DRUCK, A.B., Wash-  
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 MICHAEL CHARLES FAGAN, B.S., Loyola  
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 TERRY RYAN FARMER, A.B., Southern  
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 LAWRENCE JAY FINE, B.S., University  
 of Wisconsin, 1968  
 THOMAS LYMAN FINNEGAN, B.S., Loy-  
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 STEWART DALE FORDHAM, B.S., 1966  
 JEFFREY ELIOT GALPIN, B.S., 1968  
 JON EDWIN GELSEY, A.B., Northwest-  
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 HARVEY ALLEN GERSH  
 RICHARD BRUCE GILMORE, A.B., North-  
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 PAUL GANNON GODFREY, B.S., Massa-  
 chusetts Institute of Technology,  
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 MICHAEL STEPHEN GOTTFRIED, A.B.,  
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 ROY MICHAEL GULLEY  
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 VERA LOUISE GUSTAITIS, B.S., DePaul  
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 RALPH LESLIE HAGEN, A.B., North-  
 western University, 1964  
 PAUL ZUNG-YING HAN, Honors; B.S.,  
 1966

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 THOMAS JAY HART, A.B., Millikin University, 1965  
 FREDRICK ALAN HASEMAN, A.B., 1966  
 ROBERT SCOTT HELLER, B.S., 1967  
 JOHN CRAIG HENDRICKS  
 MARK HEYMANN, B.S., City College of New York, 1963  
 DONALD ALLEN HLOUSEK  
 DAVID CHRISTIAN HOHN, High Honors; B.S., 1964  
 ROGER NEIL HOLT, A.B., Duke University, 1961; M.A., New School of Social Research, 1963  
 JOHN CHARLES HUNTER, B.S., Beloit College, 1966  
 DWAIN CLARK ILLMAN, A.B., Lincoln Christian College, 1965  
 SAMUEL GREGORY JACOBSON, High Honors; A.B., 1966  
 PAUL NICHOLAS JACQUIN, B.S., Michigan State University, 1966  
 DANIEL MARION JANIGA, B.S., Loyola University, 1966  
 RONALD JAMES JANKOWSKI  
 DONALD PAUL JENSEN, A.B., Augustana College, 1966  
 ROBERT EDWIN JOHNSON, A.B., De-Pauw University, 1966  
 WALTER CARL JOHNSON, A.B., North Park College, 1966  
 DANIEL CASIMIR KARNICKI  
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 PAUL MARTIN KENTOR, B.S., 1966  
 BARRY MARTIN KERMAN, High Honors; B.S., 1967  
 GEORGE KIMMERLING  
 JAMES HAMILTON KING, A.B., Knox College, 1966  
 JAMES KARL KLOTTER, A.B., St. Mary's College, 1966  
 ROBERT ALLEN KOOKER  
 JOHN ROGER KRUEGER, Honors; A.B., Monmouth College, 1963  
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 RICHARD CARSON MCFAY, B.S., Iowa Wesleyan College, 1966  
 DANIEL MELBER, A.B., University of Michigan, 1966  
 WILLIAM HOWARD METZGER, B.S., 1966  
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 ROBERT ADAM MINOW, A.B., Northwestern University, 1966  
 JACK MORGAN, B.S., 1967  
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 ROBERT PERRY RANDOLPH, A.B., Southern Illinois University, 1965  
 ROBERT HENRY REEDER, B.S., 1966  
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 ORRIN MERRILL SCHEFF, B.S., The Uni-  
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 DANIEL STEVEN SELINGER  
 RICHARD CHARLES SENELICK  
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 MARC SIDNEY SHINDERMAN, B.S., Roo-  
 sevelt University, 1966  
 GREGORY IRA SHORR, Honors; B.S.,  
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 DREW MERRIT SIEBEN, A.B., 1967  
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 DONALD STEWART SOKOL  
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 JOHN PAUL SPENCER, B.S., 1966  
 DAVID WARREN STEIN  
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 JAMES RICHARD SYMON, B.S., 1968  
 EMMA ELIZABETH TAO, A.B., Washing-  
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 JEFFREY SPENCER TENNANT, B.S., 1966  
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 American University of Beirut,  
 1966  
 MICHAEL JOHN TUETH, B.S., St. Bene-  
 dict's College, 1966  
 STEPHEN READ VEACH, A.B., Southern  
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 LARRY ALAN VON BEHREN, B.S., 1966  
 PATRICIA ANNE PIERCE VON BEHREN,  
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 RALPH JOSEPH WESSEL, B.S., 1968  
 GARY CHARLES WILLIAMS, B.S., 1966  
 CHARLES EDWARD WILSON, A.B., Duke  
 University, 1966  
 DANIEL PAUL WINDSOR, A.B., 1967  
 MICHAEL SAMORS WINSTON  
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 raiso University, 1966  
 KENNETH FRED WOERTHWEIN, A.B.,  
 Princeton University, 1964; M.S.,  
 1967  
 RICHARD G. YAGOL, B.S., 1967  
 JERRY LEE YON, B.S., 1967  
 JON DAVID ZOLTAN, Honors; A.B., The  
 University of Rochester, 1967  
 ALBERT JOHN ZUSKA, Jr., A.B., North-  
 western University, 1966

#### SCHOOL OF ASSOCIATED MEDICAL SCIENCES

##### Degree of Bachelor of Science in Medical Art

DAVID COPPOLA  
 GARY JOHN NELSON

THOMAS DEAN SIMS, Honors  
 LUCY MARIANNE VASILE

##### Degree of Bachelor of Science in Medical Record Administration

DIANE JOY ALEX  
 MARGRET KNOKE AMATAYAKUL  
 RAND JAMES BAIRD  
 LINDA SUSAN BRIDGES  
 PEGGY ANN CAMPBELL  
 DARLENE SUSAN CHANSKY  
 JEAN CHENOWETH, A.B., Northwestern  
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LINDA GAY CHITTENDEN  
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 CYNTHIA MARIA MILAN, A.B., North-  
 western University, 1969  
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 sity of Massachusetts, 1962

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DIANE LYNN ANDORF  
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 LINDA LOUISE DE MARCO  
 RENEE MARLENE FILAS, Honors  
 DEBORAH FAY GOLDBERG

MARIA LYNNE KIBLER  
 MARY KRIISA, Honors  
 GEORGETTE RUTH LALISH, Honors  
 JOAN MARIE MALLIN  
 SHEILA MARY MATSON  
 NANCY ANN ELIZABETH PIERCE  
 SUSAN MARY REMAFEDI  
 BARBARA SUSAN RUBINS

BARBARA LYNN RUBY, B.S., 1969  
MARGARET ANN STACK

PAMELA KAY WALGREN, High Honors  
Honors  
CAROLYN JEAN ZACHARY

#### Degree of Bachelor of Science in Occupational Therapy

RANDI LAINE ANDERSON  
SHARON ANN MOORE BELLUCCI  
KAREN EMMA CONRAD  
HELEN CAROL MEILAHN COX  
MELANIE FITZGERALD THOMAS ELLEXSON  
BETH ADINAH GOLDSTEIN  
JANICE MARIE HAMARIK  
HARRILYN MICHELE HART  
CAROLE LEE JOCHA  
SALLY ANN KUNDE KANNAKA  
JEANETTE MARIE BERINGER KRODEL,  
Honors  
MARY LYNN SNOW KUNA, Honors

LYNDA EILEEN LUBO, Honors  
AMY WAI-PING LUK  
MARGO ELLEN MANSFIELD  
GLORIA JEAN EANNARINO PERRY  
CATHERINE LOU RICE  
ARLENE BARBARA RICH  
LYNN ELLEN SCHRADER  
REBECCA ELIZABETH DUTTON SHARPE  
PEGGY SUSAN SHERMAN  
SHEILA FAYE BOVILSKY URY  
JUDITH GLADYS VICICH  
ANDREA LEE ZASLAVSKY WEITZBERG  
GWENDOLYN JEAN WONG

#### COLLEGE OF NURSING

##### Degree of Bachelor of Science in Nursing

JUDITH LYNN ATKINSON  
FAY NORETTA ATWOOD  
BARBARA JANE BASSO  
JOEA MARIA ELLIS BIERCHEN  
BARBARA JEAN BLUME, Honors  
MARY LOUISE QUINN BOWERS  
ELEANOR JANE BUSSERT  
LOIS ELEANOR CLEMENS  
ROBERT LEROY COX, JR.  
PATRICIA ANN DAMLER  
JUDITH ELAINE DRAKSLER  
JOAN SCHUELKE FRITCH DRUCK  
SHERYL LYNN PISZCZEK ELLISON  
MICHELLE LESLIE ENSLIN  
MARIE DIANNE FOCHTMAN  
SINDY BEA GOLDMAN  
ELIZABETH ANN GROENDYKE  
JEANNE PATRICIA GROSS  
GLORIA JEAN HANNA  
JILL ANN BERGQUIST HEDMAN  
JANET MARY HOPPENRATH  
ELANA RUTH HORWITZ  
LORAYNE ANNETTE WARBER HREJSA  
OLIVIA RUTH JOHNSON  
BARBARA ELLYN KAISER  
NANCY HELEN KOTLARZ  
JUNE KRAWCZAK  
MARGARET ANNE LECH  
SANDRA JEANNE LEE, A.B., 1967  
CAROL JEAN KOMOROWSKI LUCHSINGER  
JUANITA SUE MCCARTY  
EILEEN RITA MCGOVERN  
PATRICK JAMES MCLAIN  
NANCY JANE MEADOWS  
MARGARET ANN MERGES, Honors

NANCY NADINE NEWCOMER MOORE,  
Honors  
SUSAN MAYUMI NARIMATSU  
KAREN ANN NAUYALIS  
JEAN MARIE PATTERSON  
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SUZANNE LOUISE DEPALMA PORTER  
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Honors  
TERESA LYNN ROMANO  
LINDA KAY PATRICK ROSEBROCK  
SUSAN LYNN RUBIN  
JOANNE PAULINE RYSIEWICZ  
DONNA MARIE RZEMINSKI  
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MARY CECILE SCHAUB  
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CRYSTAL KAYE WHITE SCHUETT  
KATHLEEN ANN SIMONIK  
LYNN ISABELLE SVERTSEN  
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MAXINE HARRIET TINT SPUNT  
CAROL JEAN SZAFIARSKI  
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LYNN MARIE VERBRUGGE  
LOIS MARIE KRONHOLM WEEKS  
KAREN ELAINE WEST  
MARY CHRISTINE WICKLEIN  
ALICE JANE WOZNAK  
RUTH ANN WRIGHT  
ELAINE ROSE WUSTMANN  
DALE SUSAN YASSINGER

#### COLLEGE OF PHARMACY

##### Degree of Bachelor of Science in Pharmacy

CYNTHIA ANN ALMY  
IDA DARLENE APPONTI, Honors

DALIA REGINA BAKAITIS  
ROBERT G. F. BARTELS, A.B., 1964

GREGORY ROBERT BEHRENS  
 GARY BILLINGSLEY  
 LUCIO JESUS BLANCO, B.S., Institute of  
 Matanzas, 1953; D.Ph., University  
 of Havana, 1960  
 FRED CHARLES BLUMHAGEN, JR.  
 MICHAEL CHARLES BOLSONI  
 PATRICIA ALICE BOVEE  
 GEORGE WILLIAM BROCK  
 ALLAN INCE BROWN  
 DANIEL ALAN BROWN  
 EDWARD JOHN BUCZYNSKI  
 PAUL ALAN BUTLER  
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 WALLACE JACKSON CROSS III, B.S.,  
 Colorado State University, 1966  
 NANCY LYNN DAILEY  
 JOEL MARVIN DOLIN, Honors  
 GARY LEE DRAHOS  
 JOHN WARREN DROBISH  
 NORBERT JOSEPH DUDEK  
 MARK STUART EDELHEIT  
 ARTHUR WILLIAM ENGLISH, B.S., Uni-  
 versity of Oregon, 1967  
 WILLIAM JOSEPH FEINBERG, B.S., 1966  
 KENNETH ARNOLD FOERSTER  
 MARTIN ALLAN GANAN, Honors  
 IRENA JACINTA GLAMBA  
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 ANDREA LOUISE GRABOW  
 DANIEL CHARLES GRAGIDO  
 FRANK RAYMOND GREIFENSTEIN  
 RICHARD ZEIS GUMM, Honors; A.B.,  
 Southern Illinois University, 1967  
 RICHARD GUNGLER  
 CARL MARTIN GUSTAFSON  
 MICHAEL HACKMAN  
 MICHAEL ALAN HARRIS  
 DONALD WILLIAM HAYDEN  
 RICHARD JOSEPH HOLLY  
 EVA KAREN BORMANN HUMM, High  
 Honors  
 STEVEN MARK HUMM, Honors  
 JAMES HUNT  
 TERRY DALE JOHNSON  
 LOUIS BERNARD KADUČAK  
 LOUIS JOSEPH KASPER  
 THOMAS JOSEPH KAZIKIEWICZ  
 THOMAS JOSEPH KELLY, JR.  
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 RONALD LEE KOCH  
 LARRY EDWARD KORELC  
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 RICHARD JOHN KREJSA  
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 JON DONALD LAGER

JOHN EDWARD LANDA  
 NORMAN HOWARD LEEDS  
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 CHARLES EDWARD LEWIS  
 LOUIS JOSEPH LIGOS  
 ELLIOT STUART LINSKY  
 TIMOTHY KING-LUND LOO  
 WOODSON EDWARD MABRY, JR.  
 WILLIAM ROGER MAGRUDER  
 RONALD STEVEN MANDEL  
 INA CAROL BORMANN MARTINEK, High  
 Honors  
 JAMES RUDOLPH MARTINEK  
 ANNA MARIE MEIER  
 THOMAS MENROY MILLS  
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 EDWARD PHILLIP OHDE  
 JOSEPH EDWARD PAWELAK  
 FRANZ RICHARD PETERSON  
 JOHN WESLEY PETTICREW  
 EUGENE PFEIFER, B.S., Northern Illinois  
 University, 1967  
 LYSLE RICHARD PIETSCH  
 PAUL LOUIS PLUTA, High Honors  
 CARLO JOHN RAMPÀ, B.S., 1965  
 MICHAEL CLAYTON RAMSDALL  
 JOHN HOWARD REINERTSON, A.B., Ripon  
 College, 1964  
 DENNIS LAWRENCE REISS  
 MARTIN HAROLD RESSLER  
 RICHARD ALLEN RHEIN  
 ROBERT JOHN ROCKS  
 JOHN ALFRED ROMANKIEWICZ  
 LAWRENCE CHARLES ROSENTHAL  
 VITO JOSEPH SBLENDORIO  
 KENNETH SCHAEFER  
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 STEVEN CHARLES SCHUMANN  
 SHARON MARIE SCHWAGER, High Honors  
 ROBERT LEROY SHAPIRO  
 THOMAS ROBERTS SHARPE  
 GEOFFREY STEPHEN SHEININ  
 PATRICIA LOUISE SHINNICK, Honors  
 LEE STEVEN SIMON, Honors  
 JOHN EDWARD SINGLETARY  
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 ROGER ALAN STANCL  
 GEORGE WILLIAM STRATTON  
 TIMOTHY JAMES SULLIVAN  
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 LAWRENCE GUNNAR THOMPSON  
 WILLIAM LAWRENCE THOMPSON  
 THOMAS ALAN THYER, High Honors  
 CHRISTOPHER FRANKLIN VAUGHNS  
 PATRICIA ANN NORMAN VAUGHNS  
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KWOK HUNG WAN  
 RICHARD DEAN WARTICK  
 SHOSHANA SUZANNE WEINBAUM  
 SEYMOUR WEITZBERG  
 CAROLE VERONICA WIATER  
 ROBERT CHARLES WICKEY  
 JAMES DONOVAN WICOFF  
 ANTHONY STEPHEN WIECZOREK, JR.

MICHAEL BRUCE WILLIAMS  
 DONALD GEORGE WILSON, JR., B.S.,  
 Roosevelt University, 1967  
 TIMMY JOE WITSMAN  
 HENRY YEE HAY WONG  
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 WILLIAM ANTHONY ZATO

#### URBANA-CHAMPAIGN

*Degrees Conferred June 20, 1970*

#### HONORARY

##### Degree of Doctor of Fine Arts

MAX ABRAMOVITZ, M.S.

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ROBERT W. HOLLEY, Ph.D.

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#### GRADUATE COLLEGE

##### Degree of Doctor of Philosophy

###### *In Accountancy*

YUSEF AWAD EL-ADLY, B.Com., Cairo University, 1961; M.B.A., Indiana University, 1966

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###### *In Aeronautical and Astronautical Engineering*

ANDREW KLAVINS, B.S., M.S., 1963, 1968

###### *In Agricultural Economics*

SURESH CHANDRA BIRLA, M.Sc., Agra University, 1957; M.S., 1967

RAMON JANSUY CRUZ, JR., B.S.A., University of the Philippines, 1959

RAMA SHANKER MISRA, B.S.Ag., M.S.Ag., Agra University, 1949, 1951; Assoc., Indian Agricultural Research Institute, 1957; M.S., 1963

GENTIL ROJAS, Economista, Universidad del Valle, 1964; M.Sc., Ohio State University, 1965

JAMES ALTON WELLS, B.S., M.S., University of Kentucky, 1949, 1951

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###### *In Agricultural Engineering*

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###### *In Agronomy*

MARVIN EUGENE BAUER, B.S.A., M.S., Purdue University, 1965, 1967

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LEON ROBERT FOLLMER, B.S., Western Illinois University, 1964; M.S., 1967

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###### *In Animal Science*

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JAMES WILLIAM NOVEROSKE, A.B., A.M., Indiana University, 1963, 1964



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*In Biology*

BETTY ISHIDA KIRK, B.A., Reed College, 1957; M.S., University of Rochester, 1965

*In Biophysics*

SWAMINATHAN JAYARAMAN, B.Sc., M.A., University of Madras, 1958, 1961; LL.B., University of Bombay, 1965  
WALTER FARRAR MANGEL, A.B., 1963

*In Botany*

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*In Business*

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*In Chemical Engineering*

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MING FANG, B.S., 1965; M.S., Pennsylvania State University, 1966  
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ANASTASIOS JOHN KARABELAS, Dipl., National Technical University (Athens), 1963; M.S., 1967  
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GEORGE JOSEPH KLEIN, B.Ch.E., Villanova University, 1966; M.S., 1968  
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*In Chemistry*

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JAMES EVAN HOUSE, JR., B.S., M.A., Southern Illinois University, 1958, 1961  
ELLIOT DALE JACKSON, B.S., Emory and Henry College, 1964; M.S., 1966  
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CHARLES DONALD OLSON, B.A., University of Minnesota, 1965; M.S., 1967  
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THOMAS GARRISON SANDERS, B.A., Williams College, 1963; M.S., 1965  
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*In Communications*

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*In Comparative Literature*

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*In Dairy Science*

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*In English*

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*In Finance*

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*In German*

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*In Library Science*

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*In Linguistics*

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*In Marketing*

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*In Mathematics*

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LONNIE ROTH FAIRCHILD, B.A., Swarthmore College, 1965; A.M., 1966  
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HAROLD RANDALL JOHNSON, B.S., College of Idaho, 1963; A.M., 1965  
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*In Mechanical Engineering*

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*In Metallurgical Engineering*

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*In Microbiology*

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*In Mining Engineering*

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*In Musicology*

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*In Nuclear Engineering*

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*In Nutritional Sciences*

JAMES GARTH BERGAN, B.S., 1966

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*In Philosophy*

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*In Physical Education*

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*In Physics*

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*In Physiology*

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*In Plant Pathology*

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*In Political Science*

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MYUNG CHEY, LL.B., Seoul National University, 1962; A.M., 1967

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*In Portuguese*

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*In Psychology*

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#### *In Sociology*

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#### *In Spanish*

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 MODESTO MARIO DIAZ, B.A., Colby College, 1962; A.M., 1964  
 MARVIN ALAN D'LUGO, B.A., Brooklyn College, 1965; A.M., 1967  
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#### *In Speech*

DANIEL STARLEY BEASLEY, B.A.(Spch.), B.A.(Psych.), University of Akron, 1966, 1966; A.M., 1968  
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#### *In Theoretical and Applied Mechanics*

JAMES CLYDE HICKMAN, B.S., M.S., 1965, 1967  
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#### *In Veterinary Medical Science*

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#### *In Education*

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##### *In Anthropology*

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##### *In Art Education*

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##### *In Comparative Literature*

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##### *In Dance*

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*In Education*

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*In English*

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 ELISA KIRK CAMPBELL, B.A., Dickinson College, 1968  
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 DONNA STINE GIVENS, A.B., Gettysburg College, 1968  
 MARILYN ANN GRAS, B.A., Carroll College, 1968  
 DIANE LOUISE GRAY, B.A., Agnes Scott College, 1968  
 SANDRA FRENSKO HEITZMAN, A.B., 1968  
 MARY ARLENE HUNT, B.A., St. Xavier College, 1968  
 SUSAN HARTMAN KESSLER, A.B., 1968  
 NILI ABRAMOVIZ LEVY, B.A., Hebrew University, 1964  
 LINDA RUTH MAHIN, B.A., North Central College, 1969  
 LAWRENCE FLORIAN MCCAFFERY, B.A., University of Notre Dame, 1968  
 TERRENCE JOHN McFARLAND, A.B., 1968  
 KATHLEEN CULLIGAN MEYER, B.A., Saint Mary's College (Indiana), 1968  
 LOIS ELIZABETH MILLER, B.A., Greenville College, 1968  
 GERALD LEE PETERSON, A.B., 1969  
 MARILYN PAWLAK PINSCHMIDT, B.S.Ed., Massachusetts State College (Lowell), 1964  
 WOLFGANG MAX SCHWARZKOPF  
 SYLVIA ANNETTE SEGler, B.A., Texas Christian University, 1966  
 Jo DONNA SPERRY, B.A., Illinois State University, 1967  
 DIANE MARIE STURGEON, B.A., Northern Illinois University, 1968  
 PATRICIA RAE WALD, A.B., 1968  
 MARY CATHERINE WHITMORE, A.B., Augustana College (Illinois), 1969

*In French*

- JAMES GEORGE BEAUDRY, B.A., St. Mary's College, 1949; M.A., Laval University, 1956; L.Th., D.Th., University of Montreal, 1956, 1960  
 BONNIE LAURIE BENNETT, A.B., University of Michigan, 1965  
 MAUREEN TERESA DORLE, B.A., Mundelein College, 1964  
 LENA OHANNES KUPELIAN, A.B., 1967  
 ILONA NINA LEKI, A.B., 1968  
 CATHERINE ANNE MAJDIK, B.S., M.A., Western Reserve University, 1954, 1958  
 PATRICIA COX MARTIN, B.A., Bradley University, 1967  
 MARK EDWARD WOLFF, B.A., Loyola University (Illinois), 1968

*In Geography*

- RONALD ROBERT POLLINA, B.A., Roosevelt University, 1968  
 CHARLES GILBERT SCHMIDT, B.A., Sonoma State College, 1968

*In German*

- VIRGINIA MAE COOMBS, B.A., Denison University, 1968  
 MARY LOUISE HILLS, B.A., Monmouth College, 1968  
 LEONIE AUGUSTINE MARX, A.B., 1969  
 THOMAS GEORGE PEARSON, B.A., Saint Mary's College (Minnesota), 1967  
 VIRGINIA LEE THEISEN, A.B., University of Michigan, 1968

*In History*

- WILLIAM EDWARD BROOKKESON, B.A., Western Washington State College, 1968  
 MICHAEL JOSEPH DIETZ, B.A., Knox College, 1968



WILLIAM WAYNE GARTON, A.B., Simpson College, 1959; M.S., 1960  
 CARL FREDERICK HASS, A.B., 1940  
 JEH-HANG LAI, B.A., Taiwan Normal University, 1968  
 HELEN CHOU LIN, B.A., National Taiwan University, 1967  
 RAYMOND CHIN-JUANG LIN, B.A., National Taiwan University, 1960; M.S., Atlanta University, 1964  
 GAN YEE MAR, B.A., City University (New York), 1969  
 LINDA MARGARET NIEHAUS, B.A., Quincy College, 1969  
 JOHN FREDERICK OSIER, B.A., Lemoyne College, 1968  
 WILLIAM FRANCIS RUSH, B.S., Loyola University (Illinois), 1965  
 LENA MARY SALBEGO, A.B., 1969  
 FRANCIS MICHAEL STACKENWALT, B.A., University of Oklahoma, 1968  
 DONNA VOORHORST THOMAS, B.A., Denison University, 1968  
 ELEANOR LOUISE TURK, B.A., Ohio Wesleyan University, 1957

*In Home Economics*

ROSANNE CERVENY, B.S., Eastern Illinois University, 1969  
 JANICE LYNN RADEMACHER, A.B., 1968

*In Labor and Industrial Relations*

STUART HARVEY BERGER, B.A., Queens College, 1968  
 ALFRED EDWARD DANSEUREAU, JR., B.S., Saint Joseph's College, 1968  
 JAMES BRUCE KIRK, B.S., 1968  
 HERMAN MONTELL KLEMICK III, B.S., 1969  
 DANIEL ASUKWO OFFIONG, B.A., Tougaloo College, 1969  
 MAKOTO OHTSU, B.Econ., Keio University, 1962  
 GLENN CURTIS RIKER, B.A., Monmouth College, 1968  
 DOUGLAS JEROME RODEL, B.A., St. Paul Seminary, 1965; M.A., College of St. Thomas, 1968

*In Latin*

BARBARA SUE HAYES, A.B., 1969  
 KAREN MOSES STEINBECK, A.B., 1966

*In Mathematics*

ROBERT ORA BANTA, B.S., Western Illinois University, 1966  
 PAMELA JEAN BELL, A.B., Marymount College (Kansas), 1966  
 MARTIN CAFLAN, A.B., University of Pennsylvania, 1962  
 GAYLE JEAN CARROLL, B.A., State University of New York (Potsdam), 1969  
 JULIA TSE-YEE CHEN, B.Sc., University of Hong Kong, 1955  
 NANCY GWEN CROTTIS, B.S., Grand Canyon College, 1968  
 KENNETH ALVIN ERKFITZ, B.S., University of Michigan, 1965  
 PHILLIP ALLEN FERGUSON, B.M.Ed., M.Mus., Indiana University, 1948, 1950  
 SALLY ANN FOSTER, B.A., Immaculate Heart College, 1966  
 CAROLYN MATTILA HOLDYCH, B.A., Rockford College, 1967  
 RONALD EDWIN HUENERFAUTH, A.B., Cornell University, 1952  
 DAVID LEONARD JOHNSON, A.B., Augustana College (Illinois), 1969  
 WASYL KORYTOWSKI, B.S.Gen., B.Ed., University of Manitoba, 1965, 1968  
 CHARLENE THERESE LUSKIN, B.S., University of Wisconsin, 1966  
 WILLIAM EDMUND MCGAVERN, B.A., University of South Florida, 1966  
 LINDA MARIAN PARLIN, B.A., University of Rochester, 1969  
 JAMES WILLIAM PENDERGRASS, A.B., Cornell University, 1969  
 PAMELA ANN POTUSKY, B.A., Montclair State College, 1966  
 JEROME MORRIS ROFFELD, B.A., University of California, 1969  
 WILLIAM JOSEPH ROHA, A.B., Earlham College, 1969  
 SISTER ELIZABETH CULVER, B.S., Brescia College, 1965  
 KOKI TAMASHIRO, Ed.B., University of Hawaii, 1955  
 LOWELL KENNETH THOMPSON, B.S., Concordia Teachers College, 1965  
 ALBERT CHIA-SHENG WEI, A.B., University of Michigan, 1969  
 ELBERT BERNARD WHITE, B.S., Mississippi Industrial College, 1966  
 PETER MICHAEL WOTTRENG, B.A., St. Mary's College, 1969  
 IDRIS MAN-SHING YEUNG, B.S., 1969

*In Political Science*

JOHN MICHAEL DAVIS, A.B., University of California, 1969  
 JAMES LEONARD EDSTROM, B.S., Illinois Institute of Technology, 1969

DAVID LEE LEMONS, B.S., Illinois State University, 1965  
 PETER WARREN ROULHAC, B.A., Fisk University, 1969  
 HOWARD SHELDON SIEGEL, A.B., 1965  
 FRED LAURENCE WILLIAMS, B.A., University of Nevada, 1968

*In Psychology*

KENNETH MICHAEL ALVARES, A.B., Indiana University, 1966  
 RODGER KEITH BUFFORD, B.A., King's College (New York), 1966  
 WILLIAM JOSEPH CROSSLAND, B.A., Trinity College, 1967  
 STEVEN ALLAN FISHER, A.B., University of Michigan, 1967  
 WILLIAM EDGAR GRAMLING, B.A., University of Texas (Arlington), 1967  
 ROBERT ALLEN JOHNSON, B.A., Trinity College (Connecticut), 1966  
 DAVID IAN LEWIN, B.A., University of Colorado, 1966  
 LINDA DEAN RHYNE, B.A., University of North Carolina (Greensboro), 1968  
 JANICE GOUSE SHEESE, A.B., Washington University, 1967  
 RONALD LEE SHEESE, B.A., Wabash College, 1967  
 RICHARD SHIKIAR, B.S., City College (New York), 1967

*In Public Administration*

HYOCK CHUN, B.P.A., Yonsei University, 1962  
 WILLIAM CHARLES DIXON, B.A., Loyola University (Illinois), 1968  
 ANNABELLE LEWIS PATTON, B.A., Mills College, 1947  
 CARL VERNON PATTON, JR., B.S., University of Cincinnati, 1967; M.U.P., 1969

*In Russian*

SUZANNE ELIZABETH BEST BRUNO, B.A., Harpur College, 1968  
 GARY LEE DAVIS, B.A., Indiana University (Penn), 1968  
 CHERYL LYNN FINCH, B.A., Northern Illinois University, 1968  
 SERGIU FISCHMAN, Dipl., Pedagogic "Maxim Gorki," 1963  
 MARIE MEI-CHU LOUIS GIES, A.B., University of Michigan, 1968  
 STEPHEN ALLEN HATHAWAY, A.B., 1968  
 CARL ALBERT HOOK, B.A., Gannon College, 1967  
 CAROL TERESE KEMMITT, B.A., Emmanuel College, 1968  
 ROSEMARY LEONARD NELSON, B.A., Wells College, 1966  
 NOLEN JOYCE PROVENZANO, B.A., Principia College, 1967  
 KATHLEEN SARAH SPAULDING, A.B., 1954  
 LOIS WRIGHT WOODRUFF, A.B., 1967

*In Social Sciences*

JACQUELINE WEINBERG DAVIS, A.B., 1968  
 ROBERT KENNETH DRENDEL, B.S., Bradley University, 1965; M.S., Indiana State University, 1967  
 THOMAS WILLIAM SMITH, A.B., 1968

*In Sociology*

WILLIAM JAMES HAGA, B.S., Wayne State University, 1960  
 SEIKO ITOH, B.A., Konan University, 1964  
 KAY ROWAN LIVENGOD, B.A., Ohio State University, 1968  
 HARLAN LYNN MUELLER, A.B., 1968  
 DENNIS ADAM RYBA, B.A., Doane College, 1968  
 PRAKASHCHAND MOHANLAL SHINGI, B.A., M.A., University of Poona, 1964, 1967  
 REGAN GRANVILLE SMITH, B.A., Kalamazoo College, 1960

*In Spanish*

ALICE LONG ANDERSON, B.A., University of Iowa, 1967  
 VICTOR JULES BONADEO, A.B., 1968  
 SUZANNE BROTMAN, A.B., 1969  
 MARIA CARMEN CRUZ, Dr. Filos. Let., Universidad de la Habana, 1948; M.Mus., Kansas State Teacher's College, 1969  
 REYNALDO LUIS JIMENEZ-SANCHEZ, A.B., 1969  
 CANDACE JEAN MOTT, A.B., 1969  
 MICHIKO NONOYAMA, B.A., Tokyo University of Foreign Studies, 1957  
 ZOILA GARCIA ROMERO, Villanueva University  
 SISTER MARGUERITE WENDELL, B.S., Alverno College, 1955

*In Speech*

VOIZA OLSON ARNOLD, A.B., Drury College, 1968  
 SILVIA MIRANDA DE MORAES, Lic., Federal University of Ceara, 1967  
 CAROL McNAMARA EGAN, B.S., Northwestern University, 1966  
 RUTH MILDRED HALLA, B.S., 1969  
 DIANNE LORETTA HAMILTON, B.S.H.S., Ohio University, 1969  
 NANETTE RUTH HOLMES, B.S., 1969  
 LYNNE THOMAS PHILPOTT, B.S., 1969  
 SHARON LYNN SCHILBE, B.S., 1969  
 CAROL LOU TOROK, B.S., 1966  
 JANET THOMPSON UMBERGER, A.B., 1968  
 EDWARD JOHN ZAGORSKI, B.A., Illinois State University, 1966

*In the Teaching of English*

DAVID WILLIAM BROSI, A.B., Augustana College (Illinois), 1969  
 BONNIE LEE BUTLER, B.A., Purdue University, 1969  
 JANET DANIEL HEMPSTEAD, A.B., Rosemont College, 1966  
 GRETCHEN WEST PATTON, A.B., Villa Madonna College, 1967  
 BARBARA LEWIS SLOAN, A.B., 1950  
 JAMES JOHN STEVENS, B.A., Monmouth College, 1963

*In the Teaching of English as a Second Language*

KATHLEEN SARAH CALLAHAN, B.Ed., Mary Rogers College, 1951  
 JANE CAMILLE COMPO, B.A., Marquette University, 1963  
 GLENN DAVID DECKERT, B.A., Houghton College, 1961; A.M., Wheaton College, 1964; B.D., Trinity College, 1965  
 NOBUYUKI INOUE, B.A., Meiji Gakuin University, 1964  
 ROBERT FRANK MAPLE, A.B., 1968  
 PAMELA ANN MCCOLLUM, A.B., 1968  
 KEE DUK PAIK, B.A., Dong-A University, 1960; M.A., Yonsei University, 1961  
 ALPO TAUNO RONTY, Filos. Kand., University of Helsinki, 1966  
 ESTER EDEN SANTOS DE CASTRO, Prof. Ingles, Instituto del Profesorado Juan XXIII, 1966  
 AMY DAH SUN SEETOO, B.A., National Chengchi University, 1968  
 CARMEN MIREYA VIRGILIO CABALLERO, Prof. de Inglis, University of Chile, 1967

*In the Teaching of French*

LEOLA DOLLY ALEXANDER, B.A., Andrews University, 1962  
 SHARON EPSTEIN DRAZNER, A.B., 1968  
 LYNNE LOUISE HUNTZICKER, B.A., Northwestern University, 1968  
 DIANNE ELIZABETH KELLER, A.B., 1967  
 KATHLEEN THERESA GLYNN KUSMANOFF, B.A., Southern Illinois University, 1966  
 LINDA BANNISTER MEYER, B.S., Southeast Missouri State College, 1965  
 DIANA STEPHANIE TOSCHAK, A.B., 1969

*In the Teaching of Social Studies*

CAROL ELAINE BURGER, B.A., University of Maryland, 1969  
 PATRICIA MARY CONDON, A.B., 1968  
 JERRY ALLEN DAVIS, B.S., 1968  
 ROBERT LOUIS HOVDE, A.B., 1967  
 CHARLES JEROME MEYERS, B.A., DePaul University, 1966  
 DIANE MARIE POERIO, A.B., 1969  
 ALAN JAY SCHAPS, A.B., 1968  
 JOYCE CAROL SORENSEN, B.S., 1969  
 LINDA OSUCHOWSKI STODDART, A.B., 1969  
 ARNOLD MICHAEL YOUNG, B.S., 1969

*In the Teaching of Speech*

SHIRLEY ANN GRIFFIN, A.B., 1968  
 BRUCE LEO PAGNI, A.B., 1965  
 JOY LOUISE PETERS, A.B., Augustana College (Illinois), 1969

*In Theatre*

JOSEPH MICHAEL BALTZ, B.A., University of Washington, 1967  
 DAVID LESLIE CARTER, B.S., Indiana State University, 1968

FREDERICK CHALFY, B.A., Harpur College, 1969  
 CARL HAROLD ERNST, A.B., 1965  
 ROBERT GAINER, A.B., City University (New York), 1964  
 MARY JANE GLEASON, B.A., Rosary College, 1958  
 SALLIE MITCHELL, B.A., Midland College, 1961  
 FRANK LOUIS TOURANGEAU, JR., B.A., Elmhurst College, 1968  
 ALEX HARRY URBAN, B.A., Southern Illinois University, 1965

### Degree of Master of Science

#### *In Advertising*

DAVID DUANE CROUSE, B.S., 1966  
 NORAH McCLINTOCK GRADY, B.S., 1966  
 BETTE JANE HURST, A.B., 1962  
 YUM-JE KIM, LL.B., Sung Kyun University, 1963  
 BETTY CAROLE McCLAIN, A.B.J., University of Georgia, 1967  
 JOSE GALANG MIRANDA, Litt.B., University of Santo Tomas, 1966  
 MARK DAVID SIEGEL, A.B., 1969  
 DAVID LAWRENCE WOLKEN, B.S., 1969

#### *In Aeronautical and Astronautical Engineering*

HAROLD KERZNER, A.B., Northeastern University, 1963  
 ROBERT EDMUND ROSS, B.S., University of California, 1952

#### *In Agricultural Economics*

JAMES BERNARD KLIBENSTEIN, B.S., Wisconsin State University, 1969  
 ROBERT EDOUARD LOGEAIS, Dipl., Institut National Agronomique, 1964  
 CHARLES LEE MOORE, B.S., Ohio State University, 1968  
 GERARD JEAN-MARIE NEAU, Ing.Ag., Institute Technique de Pratique Agricole, 1968  
 KATAR SINGH, Agra University, 1961  
 RICHARD LEON TRIMBLE, B.S., University of Missouri, 1968  
 JOHN EDWIN WILLIAMS, B.S.A., Purdue University, 1961

#### *In Agricultural Engineering*

RICHARD JOHN GODWIN, B.S., National College of Agricultural Engineering, 1968  
 CARLOS ARTURO RODRIGUEZ AMAYA, Ing.Civ., Universidad Nacional de Colombia, 1966

#### *In Agronomy*

HENRY ROGER BOERMA, B.S., Illinois State University, 1968  
 SILVIO ADALBERTO CODAS FRIEDMANN, Cert., Universidad Nacional de Asuncion, 1966  
 JOHN MAC HOUGHTON, B.S., Southern Illinois University, 1967  
 AURORA TRAPANI RUBEL, A.B., Washington University, 1967  
 DUANE NELSON SOMMERVILLE, B.S., 1969

#### *In Animal Science*

WILLIAM LEE BRAMAN, B.S., Purdue University, 1969  
 TEOFILO ANDRE DE COSTA CRUZ, Dipl., Universidade Federal de Minas Gerais, 1961  
 TERREL MORGAN HILL, B.S., Brigham Young University, 1968  
 GEORGE DAVID WESOLOSKI, B.S., Millikin University, 1962

#### *In Architectural Engineering*

JAMES ROLLA CROUCH, B.Arch., 1969  
 YUNG-FUH HUANG, B.S.E., Taiwan Cheng Kung University, 1965  
 DAVID LEE JAROL, B.A., 1966  
 RONALD EMORY WALKINGTON, B.Arch., 1964

#### *In Astronomy*

VICTOR EUGENE BROQUARD, B.S., 1969

#### *In Biology*

JIUNN WONG HUANG, B.S., National Taiwan University, 1965

*In Botany*

- JORGE AUGUSTO DE ALBERTIS GONZALEZ DEL RIEGO, Agr.Eng., Universidad Agraria-La Molina, 1963  
 ROBERT WILLIAM ELIAS, B.S., 1964  
 ELDON HENRY FRANZ, A.B., Grinnell College, 1966  
 BENJAMIN BERNARD KUTSCHEID, B.S., 1968  
 DUANE MICHAEL MEZGA, B.S., Kent State University, 1967  
 VALERIE ANN PAAPE, B.S., 1967

*In Chemical Engineering*

- MYRON IRA KUHLMAN, B.S.C.E., Purdue University, 1968  
 GYANENDRA SINGH, B.E., Birla Institute of Technology and Science, 1969  
 MICHAEL ALAN TORREST, B.S., Polytechnic Institute of Brooklyn, 1968  
 JAMES ANDREW ZBORAY, B.S., Newark College of Engineering, 1968

*In Chemistry*

- ALAN RICHARD BRANFMAN, A.B., Rutgers University, 1968  
 MEI YAO CHENG, B.S., National Taiwan University, 1968  
 CYNTHIA ANN COWGILL, B.S., Maryville College (Tennessee), 1968  
 RONALD WILLIAM CRANE, B.S., Midwestern University, 1968  
 JOAN CAROL FROEHLICH, A.B., Augustana College (Illinois), 1969  
 EDWIN STANLEY IRACKI, B.S., King's College (Pennsylvania), 1968  
 FRANCIS KENICHI ITO, B.S., University of Hawaii, 1966  
 HA SUCK KIM, B.S., Seoul National University, 1967  
 CHENG HSUNG LEE, B.S., National Taiwan University, 1968  
 JAMES DOUGLAS LOWRY, B.S., Lafayette College, 1968  
 WILLIE B. LUNS福德, B.A., Wayne State University, 1967  
 KATHLEEN RILEY LYNN, B.S., College of William and Mary, 1967  
 ARLENE ROSEMARY MOOTZ, B.S., Mundelein College, 1968  
 BRUCE ANDREW MORRISON, B.S., Massachusetts Institute of Technology, 1965  
 CAROL SANFORD NORRIS, A.B., Whitman College, 1968  
 JON TIMOTHY O'CONNOR, B.S., St. John Fisher College, 1968  
 JOHN KENNETH ORRELL, B.S., Manhattan College, 1968  
 DANIEL FRANCIS O'TOOLE, B.S., Eastern Michigan University, 1968  
 CHARLOTTE ANN FORD OTTO, B.S., University of Washington, 1968  
 JAMES WILLIAM PICKETT, B.A., Blackburn College, 1968  
 ROBERT ALLEN RAMSEY, B.S., Wheaton College, 1968  
 LOUETTE ROBINSON, B.S., Towson State College, 1968  
 CHARLES LEE TURNBOUGH, JR., B.A., Monmouth College, 1969  
 PATRICIA GUERITEY WESTON, A.B., Douglass College, 1957  
 ROSE MARIE CHARLOTTE ZABINSKI, B.S., Loyola University (Illinois), 1968

*In Civil Engineering*

- RAMIRO ARELLANO-ABARCA, Ing.Civ., Pontificia Universidad Javeriana, 1969  
 ROBERT WINSTON BALDINGER, JR., B.S., United States Military Academy, 1965  
 RONALD ANTHONY BROWN, B.A.Sc., University of Toronto, 1969  
 LARRY ALVIN COOPER, B.S., University of Wisconsin, 1967  
 CARROLL HILTON DUNN, JR., B.S., United States Military Academy, 1966  
 GEORGE BRIAN ESTES, B.S., University of Maine, 1963  
 PARAMARZ FARAHATI, B.S.C.E., Chicago Technical College, 1964  
 ROBERT MICHAEL GALLEN, B.C.E., Villanova University, 1964  
 JORGE GARCIA REYES, Eng.Civ., University of the Andes, 1968  
 HOWARD CLYDE HANNA, B.S., Pennsylvania State University, 1953  
 HÉCTOR DAVID HERNÁNDEZ, Ing.Civ., Universidade de El Salvador, 1969  
 HANWANT RAI JAIN, B.S., 1958  
 SEUNG JAI KIM, B.S., Seoul National University, 1963  
 JAMES HENRY LYLES, B.S., Norwich University, 1963  
 IRWIN JAY MATTEN, B.S., 1969  
 RONNIE DEAN MORRIS, B.C.E., University of Louisville, 1969  
 TADAHIKO ONO, B.S., United States Military Academy, 1965  
 ANIL KUMAR PURI, B.Sc., University College (Nairobi), 1969  
 NORMAN LLOYD SAKAMOTO, B.S., University of Hawaii, 1969  
 KWESI ABBEY SAM, B.Sc., Kwame Nkrumah University of Science and Technology, 1965

TERRY WAYNE STURM, B.S., 1969  
JEROME FRANCIS THIBEAUX, B.S., University of Southwestern Louisiana, 1968  
LYNN C. WEBSTER, B.S., Purdue University, 1962  
THOMAS WILLIAM WELLS, B.S., University of Florida, 1965  
HUGH EDGAR WILLIAMS, B.A., University of Cambridge, 1965

*In Computer Science*

HAROLD RICHARD BECKER, B.A., Colgate University, 1968  
AMNON BRACHA, B.Sc., Technion, Israel Institute of Technology, 1967  
NURIT BRACHA, B.A., Hebrew University, 1965  
JAMES CHEH-MIN CHOW, B.S., M.S., 1966, 1967  
RUTH ANN POTTS FLECK, A.B., Ripon College, 1966  
ROBERT LEROY MERCER, B.S., University of New Mexico, 1968  
MARILYN DOLORES WEST, B.S., 1969

*In Dairy Science*

CORINE RYAN ANDERSEN, B.S., Northern Illinois University, 1967

*In Economics*

AGOGO MAWULI, B.Sc., University of Ghana, 1965  
EMINE OLGUN, B.S., Middle East Technical University, 1968  
JOHN ROBERT STODDEN, B.S., Bradley University, 1967

*In Education*

WILLIAM FREDRICK BOURNS, B.S., B.S., Southern Illinois University, 1965, 1965  
JANTORN BURANABANPOTE, B.A., Ottawa University, 1961  
ANTHONY MATHIAS ENGELS, B.S., University of Maryland, 1957  
SHIRLEY EUNICE ENGELS, B.S., Southern Illinois University, 1966  
RONALD LOUIS HAGERMAN, B.S., Southern Illinois University, 1965  
KATHRYN IRENE QUINN, B.S., St. Mary College (Kansas), 1968

*In Electrical Engineering*

OLADELE BOLARINWA AJAYI, B.S., University of Rhode Island, 1968  
NESTOR GARDIANO ANGULO, Ing.Elec., Universidad de Los Andes (Venezuela), 1966  
WARREN BARRY BELFER, B.S., Massachusetts Institute of Technology, 1967  
FRANK ELLWOOD BELL III, B.S.E., Princeton University, 1968  
SAMMY LEE BERRY, B.S., Arizona State University, 1968  
CHARLES RUSSELL BERTHOLD, B.S., 1966  
STEPHEN JAMES BRUNO, B.S., Rensselaer Polytechnic Institute, 1968  
THOMAS BURT CANNON, B.S., University of Colorado, 1969  
COIMBATORE SUBRAMANYAM CHANDERSEKARAN, B.E., University of Madras, 1962;  
M.Tech., Indian Institute of Technology (Kharagpur), 1963  
JORDAN RIAN COHEN, B.S., University of Massachusetts, 1968  
WILLIAM ARTHUR DAVIS, B.S., 1969  
DONALD ARTHUR DRESCH, B.S., 1960  
NICHOLAS MATTHEW ESSER, JR., B.S., Michigan State University, 1968  
JOHN FRANCIS FOSTER, JR., B.S., 1961  
PAUL CHRISTIAN GILPIN, B.S.E.E., Purdue University, 1966  
KERRY WAYNE HASSLER, B.S., 1969  
MICHAEL PAUL HOFFMAN, B.S., St. Louis University, 1968  
DAVID WILLIAM KELSEY, B.S., Michigan State University, 1967  
RONALD GUSTAV MARTIN, B.S., 1967  
CAULBUS MCBRIDE, B.S., Southern University, 1967  
MASOUD MOSTAFAVI, B.S., 1968  
GODAVARISH PANIGRAHI, B.Tech., Indian Institute of Technology, 1968  
DENNIS ANDREW REYNOLDS, B.S.E.E., University of Arkansas, 1969  
JULIO RUGELES, B.S., University of North Dakota, 1967  
DANIEL HAROLD SCHAUBERT, B.S., 1969  
YOGENDRA SINGH, B.Tech., Indian Institute of Technology, 1968  
ARUNAS GEORGE SLEKYS, B.A.Sc., University of Toronto, 1968  
KENNETH TSUYOSHI TAKEMOTO, B.S., University of Hawaii, 1969  
STEPHEN MAURICE TAYLOR, B.S., 1968  
DAVID EDWARD THOMPSON, B.S.E.E., University of Arkansas, 1968

ANIL BHASKAR TOLE, B.Eng., University of Jabalpur, 1964; M.Eng., Indian Institute of Science, 1966 (Posthumously)  
ALAN KENT WINSLOW, B.S., University of Washington, 1969

*In Entomology*

MICHAEL HENRY DIEM, B.A., Amherst College, 1962; M.A., University of Kansas, 1968  
NORMAN DALE PENNY, B.S., Iowa State University, 1968

*In Finance*

WILLIAM VICTOR KESSNER, B.S., 1969  
JAMES GERALD LEBLOCH, A.B., 1969  
GEORGE SETH MOFFIT, B.S., Purdue University, 1969  
EDWARD THOMAS ODMARK, B.B.A., University of Notre Dame, 1969  
ROGER BRUCE SWIFT, B.S., 1964  
SEIICHI YABE, B.A., Keio University, 1962

*In Food Science*

DAVID ALAN KUNTZ, B.S., 1968  
RAYMOND DONALD RICE, Dipl., Borough Polytechnic, 1967

*In Forestry*

ROBERT WAYNE FLORENCE, B.S., 1969  
DENNIS WILLIAM JUNG, B.S., 1969  
RICHARD LEE SMITH, B.S., 1964  
DENNIS DALE WORTHEN, B.S., 1965

*In Geology*

SERGIO NERTAN ALVES DE BRITO, Cert., Ouro Preto Federal Mining School, 1964  
MILTON ASSIS KANJI, Geologo, Universidade de São Paulo, 1962  
JAMES EDWARD ROGERS, JR., B.S., Western Illinois University, 1967  
MICHAEL LEROY SARGENT, B.S., University of Wisconsin, 1964  
ALAN FRANCIS SKRZYNIECKI, B.S., University of Toledo, 1966

*In Home Economics*

VICTORIA ELLEN COOMBER, B.S., 1969  
DONNA PIERCE DAVIS, B.S., 1967  
DELORIS PERCY JONES, B.S., 1969  
MARY MARGARET KRUGER, B.S., Colorado State University, 1968  
KAREN PENNELL SCHNITTGRUND, B.S., 1969  
MARIE CHRISTINE NELSON SPROUL, B.S., Northern Illinois University, 1968

*In Horticulture*

WAYNE HAROLD CARTER, B.S., Pennsylvania State University, 1950  
JERRY LYMAN WILLIAMS, B.S., 1962

*In Industrial Engineering*

CHARLES WILLIAM STONE, B.S., 1969  
JOHN EDWARD YAKUBINIS, B.S., 1969

*In Journalism*

FENWICK ANDERSON, B.A., Arizona State University, 1969  
JOEL LAMAR BUSSERT, B.A., Valparaiso University, 1967  
RUTH BOTZ JONES, B.S., University of Wisconsin, 1939  
JUDITH MARGARET KELLY, A.B., 1966  
JEREMIAH ALLEN RANGE, B.S., 1966  
SUSAN HENRY RUTHERFORD, B.A., University of Connecticut, 1969  
DOLORES ELENORE WIRZ, B.S., University of Wisconsin (Milwaukee), 1961  
HOWARD NEIL WOLINSKY, B.S., 1969

*In Library Science*

JEAN LOUISE ADAIR, B.F.A., 1968  
DONNA LEE BESSANT, B.S., Illinois State University, 1962  
MARY ROEHRS BISCHOFF, A.B., University of Missouri, 1969  
BARBARA CUNNINGTON BUCHMAN, A.B., 1965

- EDITH LOUISE BURY, A.B., Wheaton College, 1969  
 RUTH BRILL CARTER, B.S., A.M., University of Cincinnati, 1959, 1961  
 LINDA ELAINE CHAPEK, B.S., 1969  
 LYNNE HARRIET COCHRAN, B.A., University of Denver, 1968  
 BARBARA JOAN COX, B.A., Case Western Reserve University, 1969  
 ELISABETH BACHMAN DAVIS, B.S., 1954  
 ELIZABETH FAUST ENGMAN, B.S., M.A., Loyola University (Illinois), 1965, 1968  
 ROXANNE WHITSON FREY, A.B., Carthage College (Wisconsin), 1966  
 VIRGINIA CASKIE GILLHAM, B.A., McMaster University, 1962  
 MARY LOU GOETHE, B.A., College of Saint Teresa, 1969  
 DOROTHY LORRAINE GRAF, B.A., Concordia Teachers College, 1967  
 MARY ELLYN GROEZINGER, B.S., Illinois State University, 1967  
 NANCY GAYLE GROVESTEEN, B.A., Western Illinois University, 1969  
 KAROL JEAN HAHN, B.S., Eastern Illinois University, 1969  
 LINDA LEE HARRIS, A.B., 1969  
 CYNTHIA ALICE HILKER, B.A., Denison University, 1969  
 MARY JOSEPOWICH HUFF, A.B., University of Michigan, 1950  
 JEAN ANN ICKES, B.A., University of Kentucky, 1965  
 MARIE MARTUCCI KASCUS, A.B., Northeastern University, 1966  
 BETH CLARICE KAWSKI, B.A., Bemidji State College, 1962; B.S., Moorehead State College, 1963  
 MICHAEL DAVID KILLIAN, B.A., East Texas State University, 1967  
 CAROL UNG LEONG, Dipl., Shanghai Foreign Language Institute, 1959  
 CHARLES FREDERICK LORTON, B.A., Southern Illinois University, 1969  
 JAMES MORRIS MARTIN, B.A., North Texas State University, 1965  
 MARY MARGARET MCCORMICK, B.A., Clarke College, 1969  
 ROBERT ARTHUR MCCOWN, B.A., St. John's University, 1961; M.A., University of Iowa, 1963  
 SANDRA LEE MEYER, B.S., 1969  
 LARRY DONALD MILLSAP, B.Mus., University of Kansas, 1967  
 DONALD RUSSELL MINICH, B.A., McMurry College, 1960  
 SALLY MAE MOFFITT, B.A., University of North Carolina (Greensboro), 1966; M.A., University of Virginia, 1968  
 CHRISTINE ANNE NELSON, B.A., Knox College, 1969  
 CLARENCE NELSON, JR., B.A., University of New Mexico, 1969  
 CAROLYN RENTSCHLER, B.A., Montclair State College, 1969  
 FELICIA LINDA RODRIGUEZ, B.A., Butler University, 1969  
 HELEN MACDONALD ROSENBERGER, B.A., University of Texas, 1967  
 ROBERTA ELIZABETH SCHALLER, B.S., Southern Illinois University, 1969  
 LINDA RUTH SCHNEIDER, B.A., 1968  
 CATHERINE JEAN SCHULTZ, B.S., 1969  
 SISTER MARY JOHN OSBORN, B.A., St. Ambrose College, 1966  
 LINDA AGNES SMITH, B.A., Hanover College, 1967  
 JEROME RICHARD STEGMAN, B.A., University of Oklahoma, 1964  
 AUVELLA LOUISE TAYLOR, B.A., College of the Ozarks, 1951; M.A., Vanderbilt University, 1961  
 CAROL OSMON WOLF, B.A., University of Denver, 1968

*In Management*

- WILLIAM PATRICK MCCARTHY, B.S., Villanova University, 1961

*In Marketing*

- ADELINA ISABEL BEATO, Lic., Universidad Catolica Madre y Maestra, 1967  
 HERBERT PAUL HUFFER, B.S., 1968  
 WILLIAM BERNARD LOCANDER, B.S., 1966

*In Mathematics*

- SHARON RICHARDSON BELDEN, B.S., Greenville College, 1968  
 ROBERT EDWARD BROWN, B.S., Illinois Institute of Technology, 1966  
 CHARLES WEI-YUAN CHA, B.S., New Asia College, 1968  
 PRABHAT CHANDRA, B.S., M.A., Patna University, 1960, 1962  
 ANNE SY CHOA, B.S., University of the Philippines, 1966  
 MARY LINDA DEISS, B.S., College of Saint Francis, 1969  
 HEIDI FUMIKO ETO, B.S., 1969  
 JESSE L FUNCHES, B.S., Jackson State College, 1969



GARY LEE HENSLER, B.S., University of Oklahoma, 1968  
 JAMES BERNARD HILGER, B.S., 1969  
 CHRISTIAN RICHARD HIRSCH, JR., B.A., University of Iowa, 1966; M.A., Creighton University, 1969  
 ALAN THOMAS JYLKKA, A.B., 1969  
 VALDA KALNINS, B.S., Aquinas College, 1968  
 THOMAS CHARLES LAYMAN, B.S., DePaul University, 1968  
 VERA JEAN LUTTRELL, B.S., 1969  
 JOHN RAYMOND MCKENNA, B.S., Ohio University, 1969  
 CAROL JANE MITCHELL, B.S., University of Wisconsin, 1969  
 BYUNG SOO MOON, B.S., Utah State University, 1969  
 DOROTHY ANN MUSE, B.S., 1969  
 ABDUL AZIZ YOUSUF MUSTAFA, B.Sc., M.S., University of London, 1957, 1967  
 HOW NCEE NG, B.Sc., B.Sc. (Hons.), University of Singapore, 1967, 1968  
 TEODORA NGO, B.S., Ohio State University, 1969  
 ROBERT EDWIN OLSON, B.S., 1970  
 GORDON DALE PHILLIPS, B.Sc., University of Calgary, 1969  
 KAMLESH SAXENA, B.Sc., M.Sc., University of Lucknow, 1965, 1967  
 ERIC LEE SCHINDLER, B.S., Massachusetts Institute of Technology, 1968  
 MARK ANDREW SMITH, B.S., Indiana University (Pennsylvania), 1969  
 ALLEN LEE STARR, B.S., North Dakota State University, 1969  
 JAY BARRY TURETT, B.S., Carnegie Institute of Technology, 1969  
 MICHAEL LEO WALKER, B.S., 1969  
 PYNG WANG, B.S., National Taiwan Normal University, 1966  
 LESLIE CHARLES WILSON, B.A., University of Oregon, 1969

*In Mechanical Engineering*

WALTER EUGENE BROOM, JR., B.S., 1968  
 ROBERT WILLIAM DAWSON, B.S., 1968  
 PREM NARAIN KAPOOR, B.Tech., Indian Institute of Technology (Kharagpur), 1960  
 WALTER KWANT, B.S., 1969  
 WILLIAM HOWARD MILLER, JR., B.M.E., Marquette University, 1968  
 ROGER EUGENE MOTT, B.S.M.E., Iowa State University, 1965  
 RICHARD JAMES OXFORD, B.S., 1964  
 BIRNEY TERRENCE PEASE, B.S., United States Naval Academy, 1963  
 JOHN EDWARD SCORAH, B.S., University of Missouri, 1963  
 JAMES EUGENE SHAHAN, B.S., 1968  
 ALAN LEIGH THELIN, B.S., United States Military Academy, 1956  
 JOSEPH TSO-KIM WONG, B.S., 1969  
 ROBERT PAUL ZIMMERMAN, B.M.E., University of Minnesota, 1964

*In Metallurgical Engineering*

ROBERT DYSART LARGE, B.S., Massachusetts Institute of Technology, 1966  
 RICHARD MAH, B.S., 1968  
 PRAFULLA CHANDRA PANIGRAHY, B.S., Utkal University, 1959; B.Sc.Eng., Ranchi University, 1964; M.Tech., Indian Institute of Technology (Kanpur), 1968  
 HSING-CHUNG YEH, B.S.E., Taiwan Cheng Kung University, 1967

*In Microbiology*

RICHARD HENRY BALTZ, B.Sc., Ohio State University, 1966  
 GAIL MICHIE OKUMURA, B.A., University of Hawaii, 1968  
 LYNN SORENSEN RIPLEY, B.S., Michigan State University, 1968  
 SHIRLEY SOON-YUE YAU, B.A., University of Oregon, 1968

*In Music Education*

CLARETHA ANTHONY, B.M.E., Jackson State College, 1966  
 BARBARA BECKMEYER, A.B., 1969  
 JOHN MAHIN BURLEY, B.M., Fort Hays Kansas State College, 1969  
 ELEANOR THORNLEY DEMOSS, B.S., 1969  
 MARION ETZEL, B.M., Alverno College, 1966  
 LARRY LEWIS FARR, B.Mus., Illinois Wesleyan University, 1969  
 SANDRA GAIL GUINN, B.S., George Peabody College for Teachers, 1964  
 ROBERT JOHN HJORNIS, B.A., Luther College, 1966

JAMES LEON JARRETT, A.B., Olivet Nazarene College, 1965  
PATRICIA FORT JOHNSON, B.S., 1965  
KATHLEEN NATALIE KEENAN, B.S., State University of New York (Potsdam), 1965  
JAN KAY KEISTER, B.S., 1968  
EVELYN ELAINE LEEDY, B.S., Southwest Missouri State College, 1967  
PHYLLIS JEAN LEIFSON, B.A., St. Olaf College, 1964  
JAMES HENRY LEONARCZYK, B.M., DePaul University, 1966  
JAMES LEE LINDER, B.S., 1968  
DAVID STANLEY LINGEBACH, B.Mus.Ed., Madison College, 1968  
DIANE ELIZABETH MANN, B.S., 1969  
CAROLE JEAN MITTS, B.S., 1969  
KAREN KREBS MURPHY, Mus.B., Oberlin College, 1968  
JOHN McDOWELL PATTON III, B.S., 1969  
NORMA LEWIS RAYBON, B.S., 1964  
VALERIE MARY SUCHOR, B.Mus., DePaul University, 1967  
RICHARD WAYNE VANDAMENT, B.S., 1959  
LORRAINE WILSON WEBER, B.Mus., University of Wisconsin, 1938

*In Nuclear Engineering*

FRANCIS PAUL CARDILE, B.S., University of Notre Dame, 1969  
GERARD PATRICK CAVANAUGH, B.S., Massachusetts Institute of Technology, 1969  
JAMES ANTHONY GABALA, B.S., Illinois Institute of Technology, 1964  
HOWARD JAMES HALLIDAY, JR., B.S., United States Naval Academy, 1969  
ROBERT JOHN HAMMERLEY, B.S., Michigan Technological University, 1969  
WILLIAM PENDLETON LANPHEAR IV, B.A., Albion College, 1969  
BRUCE BRIAN PALAGI, B.S., Southern Illinois University, 1969  
GERALD DEAN PINE, B.S., 1969  
CHARLES WILLIAM SCHROEDER, A.B., Augustana College (Illinois), 1969  
ERNEST LEROY WRIGHT, B.S., 1969

*In Nutritional Sciences*

KATHLEEN SYE TSAO, B.S.D., Fugen Catholic University, 1967

*In Physical Education*

SANDRA FRY ASHMAN, B.S., 1966  
JOHN ALFRED DALY, B.A., University of Adelaide, 1967  
BARBARA CLAIRE FISH, B.S., Southern Connecticut State College, 1968  
MARTIN NORMAN HOLE, Dipl., Loughborough College of Education, 1964  
JAMES ALVIN PETERSON, B.S., University of California, 1966  
TEENA GAIL TANNER, A.B., Morehead State University, 1969  
JERILYN ANN TATJE, B.S., Illinois State University, 1966  
JOHANNES JAY VAN HOFF, A.B., University of California, 1964  
WALTER HENRY WASHINGTON, B.S.E., South Carolina State College, 1966

*In Physics*

RICHARD GARY ADAMS, B.S., 1969  
RICHARD GEORGE ALLEN, B.S., 1969  
FINN ODDVAR ANDERSEN, Cand. Mag., University of Oslo, 1960  
RICHARD ALAN BANJAVIC, B.A., Johns Hopkins University, 1969  
MARSHALL ALLEN BOWEN, B.S., Western Illinois University, 1969  
ARTHUR LEE BOWLING, JR., B.S., College of William and Mary, 1969  
LYNELL EARLINE CANNELL, B.S., 1969  
PAUL MORRIS CHAMPION, B.S., Iowa State University, 1968  
TERENCE JOHN CROOKS, B.Sc., University of Canterbury, 1968  
JON RALPH EID, B.S., Purdue University, 1969  
JESS F FAUCHIER II, B.A., State College of Iowa, 1969  
DAVID MARTIN FOLLSTAEDT, B.S., Texas Technological College, 1969  
JAMES HENRY GIBBONS, B.S., Georgetown University, 1968  
DOUGLAS SEYMORE GOODMAN, B.S., Southwestern (Tennessee), 1969  
WILLIAM HAROLD HARDY II, A.B., Princeton University, 1969  
RICHARD IVAN KNIGHT, B.S., Indiana University, 1969  
WALTER ST. CLARE KNODLE, B.S., 1968  
GARY SHANNON KOVENER, B.S., Indiana University, 1968

PHILIP ROY KRICK, B.A., Monmouth College, 1969  
 GOETZ JOHN LIEBISCH, Vord.Dipl., Technische Hochschule München, 1968  
 JOHN HUBERT LYNN, B.S., Tulane University, 1964; M.S., College of William and Mary, 1968  
 HARRY MICHAEL MACKSEY, B.S., University of Michigan, 1968  
 MELVIN J. MELCHNER, B.S., New York University, 1968  
 JOHN THEODORE MELSON, B.S., Massachusetts Institute of Technology, 1969  
 ROBERT LYNN MILLER, B.A., University of Iowa, 1969  
 LAWRENCE JAY NODULMAN, B.S., 1969  
 SOKRATES THEODOROS PANTELIDES, B.S., Northern Illinois University, 1969  
 LARRY LOUIS RABIDEAU, B.A., University of Notre Dame, 1963  
 MYRON ARTHUR SHEAR, A.B., Harvard University, 1969  
 LAWRENCE RICHARD SIMPSON, B.S., St. Procopius College, 1969  
 LAWRENCE NORMAN SMITH, B.S., Massachusetts Institute of Technology, 1968  
 RICHARD JOHN WALLAT, B.S., Pennsylvania State University, 1968  
 THOMAS JOSEPH ZWOLINSKI, B.S., Seton Hall University, 1968

*In Physiology*

JUANITA BROOKS, B.A., Agricultural, Mechanical and Normal College, 1967  
 DAVID WILLIAM JENSEN, B.S., 1969  
 FREDERICK LANG, B.A., Antioch College, 1966  
 STEPHEN LEE PEARL, B.S., Roosevelt University, 1966  
 RONALD BRUCE SHIMKUS, B.S., 1968  
 DIANE KAY WAKAT, B.S., 1965

*In Radio and Television*

PHILLIP JOSEPH STELLA, B.S., 1968

*In Recreation*

KAROP TOROS BAVOUGIAN, B.S., 1969  
 MARILYN LAMDEN BAVOUGIAN, B.S., 1969  
 THOMAS HENRY BROWN, B.S., 1969  
 JOHN ROBERT DITAMORE, B.S., Purdue University, 1963  
 MARY SUSANNE EAGLESON, B.S., Butler University, 1964  
 DALE CHARLES HEINRICH, B.A., Eureka College, 1970  
 RICHARD EDWIN ISRALOWITZ, A.B., Rutgers University, 1969  
 WALTER BURTON KINNEY, JR., B.S., State University of New York (Cortland), 1969  
 ELMO BLAIR MERONEY, JR., B.B.A., Baylor University, 1953  
 TERESE ANN RETONDO, B.S., 1969  
 RONALD PAUL REYNOLDS, B.S., State University of New York (Cortland), 1969  
 EDDIE LEE RUSSELL, B.S., 1969  
 EDWARD LEE SOLOMON, B.S., University of Massachusetts, 1968

*In Sanitary Engineering*

JAMES EDWARD SCHWING, B.S., Kansas State University, 1967

*In Speech Correction*

SHARON LYNNE COX BARRON, B.A., Albion College, 1968

*In Statistics*

JAMES DARRELL BOBECK, B.A., Millersville State College, 1969  
 SUMAN SINGH, B.Sc., M.Sc., University of Lucknow, 1966, 1968

*In the Teaching of Biological Sciences and General Science*

RICHARD PETER ARSENTY, B.S., 1967  
 MARTHA CROPPER, B.S., Eastern Illinois University, 1968  
 MARIBETH ROANE GIEBELHAUSEN, B.S., 1969  
 CHARLES DAVID GINSBERG, B.S., 1966  
 CAROL DIANNE HILFIKER, B.A., Florida State University, 1968  
 ANASTASIA BARBARA LAMBESIS, B.S., 1967  
 GEORGETTE MARTHA NEMECEK, B.S., 1968  
 MARILYN HARRIS SINCLAIR, B.S., Eastern Illinois University, 1955

CATHY ALETA SKINN, B.S., Eastern Illinois University, 1967  
CAROLYN JANE WARD, B.A., Blackburn College, 1965  
VIVIAN LEE WARD, B.S., 1968

*In the Teaching of Earth Science*

JOYCE MARIE SAMIA, B.A., Marquette University, 1967

*In the Teaching of Geography*

ERIC DANIEL CHRISTIAN, A.B., 1967

*In the Teaching of Mathematics*

MARY FRANCES DAVIS, B.S., Saint Louis University, 1966  
PATRICIA JEAN FATTEN, B.S., 1969  
THERESA ANN GREINER, B.A., Fort Wright College, 1965  
JENNIE MASAKO HAMADA, Ed.B., University of Hawaii, 1969  
BONIFACIA MARZAN MATUTINA, B.S., University of the Philippines, 1952  
EDDIE BANKS MAYS, B.S., Lane College, 1961

*In Theoretical and Applied Mechanics*

WILLIAM LEE BRUCKNER, B.S., United States Naval Academy, 1969  
CHARLES FREDERICK GEBHARDT, B.S., 1928  
WILLIAM JAMES KEPPEL, B.S., University of Arizona, 1968  
PAUL CHI-KING LAM, B.S., Purdue University, 1969  
ROBERT KENT LEVERENZ, B.S., 1968  
MICHAEL HENRY MACKIN, B.S., University of Notre Dame, 1968  
WAYNE VANCE NACK, B.S., Rose Polytechnic Institute, 1969  
HOWARD LOUIS ROSENMYER, B.S., 1969  
JAMES STUART SCHMOHE, B.S., 1968  
STEPHEN ROBERT SCHOENING, B.S., Loras College, 1965  
JOHN MEREDITH SCOTT, B.S., 1966  
RICHARD JAMES VESELY, B.S.M.E., Purdue University, 1967

*In Veterinary Medical Science*

DOUGLAS CONRAD HOEFELING, D.V.M., Iowa State University, 1967

*In Zoology*

ROBERT PARKER GIVENS, A.B., Gettysburg College, 1968  
JOYCE KAZUYO ONO, B.A., University of Hawaii, 1968  
JOHN EDWARD PARNELL, B.S., Rochester Institute of Technology, 1968  
EULA EVELINA POWERS, B.S., Stillman College, 1968  
GRACE CHIEH-HENG YU, B.S., Fujen Catholic University, 1968

**Degree of Master of Music**

CAROLYN ANN BILLINGS, B.Mus., Salem College (North Carolina), 1968  
THOMAS JOSEPH BURSON, B.M., B.M.E., Bradley University, 1967, 1967  
ELOISE PORTER CALDWELL, A.B., Occidental College, 1967  
KAY CUMMINS, B.M.E., University of Colorado, 1968  
MARSHA QUESENBERRY DARCY, Mus.B., Oberlin College, 1968  
GREGORY RUSSELL DAVIS, B.Mus., 1969  
JOHN FREDERICK DEPPE, B.Mus., 1968  
LOIS MARIE HOFFMAN, B.Mus., Alverno College, 1968  
MARY BETH HORNBACHER, A.B., Hope College, 1968  
REBECCA ANNE HRUBY, B.Mus., Indiana University, 1968  
PHYLLIS ANN TILTON HURT, B.Mus., University of Kentucky, 1961  
KENNETH HARVEY HYBLOOM, B.A., Ohio State University, 1964  
BRENDA ELTRINE KEE, Mus.B., Oberlin College, 1966  
COLETTE MONICA KLASIC, B.M., Alverno College, 1968  
JAMES DONALD KNAPP, JR., A.B., 1962  
JO ANN LOEFFLER LACQUET, B.Mus., 1968  
JEAN CROWLEY MARSHALL, B.Mus., 1968; B.A., University of Idaho, 1968  
EDWARD LLOYD MARZUKI, B.Mus., 1966  
MARGARET DUCE PAYNE, B.M., Northwestern University, 1968

JOHN EZRA ROSFELD, B.Mus., Bethany Nazarene College, 1953  
 PIERRE MICHEL RUIZ, B.S., M.S., 1961, 1962  
 CHERYL KAY SIEDENTOP, B.Mus.Ed., Illinois Wesleyan University, 1968  
 PAUL BLACKWELL STEWART, B.M., B.Mus.Ed., Indiana University, 1965, 1965  
 DAVID KENNETH STIGBERG, B.A., University of Connecticut, 1964  
 ROBERT EARL WITMER, B.Mus., University of British Columbia, 1965

### Degree of Master of Education

JOHN HAMILTON ADAM, JR., B.A., University of Minnesota, 1966  
 REDITH FAYE ADKISSON, B.A., Olivet Nazarene College, 1965  
 ESTHER REFUGIO ARREGUIN, B.S., Saint Xavier College, 1952  
 HERBERT ATWOOD, JR., B.A., Macalester College, 1948  
 IDABELLE AUGSPURGER, B.A., Monmouth College (Illinois), 1965  
 SUSAN DENGEL BAKER, B.S., 1967  
 MARY ELIZABETH BANE, A.B., 1965  
 CAROL REYNOLDS BARKLEY, A.B., Milligan College, 1966  
 NEALE KING BARTEE, B.S., 1969  
 MARILYN EGNER BELL, B.S., Western Illinois University, 1965  
 MARTHA SCOTT BERGLAND, A.B., Mount St. Scholastica College, 1967  
 ROBERT FENCL BERGMANN, B.S., Northern Illinois University, 1964  
 MARIAN DOROTHY BERK, B.A., St. Xavier College, 1963  
 JOYCE ELAINE BOHREN, B.S., Indiana University, 1966  
 NITA RUTH BOZARTH, B.S., 1967  
 LYNNE KATHLEEN BRADY, A.B., 1968  
 THOMAS HARL BROCK, B.S., 1969  
 PATRICIA RUTH BROH, B.S., Beaver College, 1969  
 DONALD EUGENE BRYANT, B.S., Eastern Illinois University, 1966  
 PHILLIP LAWRENCE BUTTON, B.S., Illinois State University, 1964  
 MARTHA DAVIS CAMP, A.B., 1966  
 CORENE FLOWERETTE CASSELLE, B.S., Northern Illinois University, 1964  
 JESSE PUGH CHAPMAN III, B.S., Carson-Newman College, 1967  
 MARY DOOLIN CHASE, B.S., 1966  
 SAM YUEN CHIN, B.S., Polytechnic Institute of Brooklyn, 1968  
 CAROL ANN CHIPOLETTI, B.S., Indiana University (Pennsylvania), 1969  
 JANICE CYNTHIA COHEN, A.B., 1966  
 COLETTE FRANCES CORBIN, A.B., 1969  
 MARION AULT COX, A.B., 1968  
 DOROTHY JEAN DABKOWSKI, B.S., 1964  
 PHILIP TERRIE DANIEL, B.S., Pennsylvania State College (Cheyney), 1969  
 BARBARA ROSE DANIELS, A.B., 1969  
 AVIS JANE HIGDON DAVIS, A.B., University of Redlands, 1968  
 JUDITH MOODY DAVIS, A.B., University of Alabama, 1963  
 MARSHALL GENE DENNIS, B.S., Illinois State University, 1966  
 DAVID ROY DeVRIES, B.A., Hope College, 1962  
 RUTH KREMER DeVRIES, A.B., Hope College, 1963  
 LOIS EVELYN DICKERMAN, A.B., Wheaton College, 1967  
 ROBERT HOWARD DYRENFORTH, B.S., George Williams College, 1965  
 JANICE DELORES EDWARDS, A.B., 1968  
 LOIS DRAGER ELLINGWOOD, B.S., 1969  
 MARGARET ANN ENGELBACH, B.S., Indiana University (Pennsylvania), 1969  
 SUZANNE ENGELBERG, A.B., 1968  
 GLORIA ELIZABETH EZAN, A.B., 1969  
 ELISSA ANN FEICKERT, B.S., 1966  
 DANIEL ALVES FERREIRA, B.S., 1966  
 CHARLYNE SUE FILIPPI, B.S., Northwestern University, 1969  
 SUSAN KOPRIVICA FORD, A.B., 1968  
 LOIS INGELS FREEMAN, A.B., MacMurray College, 1960  
 THOMAS ELLSWORTH GAMBLE, B.A., Northwestern University, 1964  
 JANICE OLBRICH GERDEMANN, B.S., 1946  
 WILLIAM ROBERT GIESE, B.E., Wisconsin State University (Whitewater), 1965  
 MELBA BERYLENE GOFF, B.S., Southern Illinois University, 1964  
 IRIS GLAZER GOLDEN, B.S., Northwestern University, 1964  
 MORRIS WILLIAM GOOCH, B.S., 1950

- DALTON KENT GRAY, B.S., Cornell University, 1952  
LOIS NIEMOELLER GUTHRIE, B.S., Valparaiso University, 1966  
WESLEY RICHARD HABLEY, B.S., 1968  
ROSALIE HUNT HALTON, A.B., 1951  
PEGGY HODGE HANEY, B.Sc., Ohio State University, 1966  
RUTH ARLENE HARMS, B.S., Illinois State University, 1966  
JAKE JERRENTHA HARRIS, B.S., Tennessee Agricultural and Industrial University, 1962  
WILLIAM DALES HARTT, B.S., Illinois State University, 1964  
MARY LOU HAWKINS, B.S., 1969  
RICHARD CHARLES HAYDEN, B.S., 1967  
RICHARD DALE HEINSEN, A.B., 1967  
DAVID FLOYD HENDRIX, B.S., North Central College, 1967  
WANDA FANTER HESSELBERTH, B.S., Illinois State University, 1963  
ROBERTA NICHOLSON HICKMAN, B.S., West Texas State University, 1958  
JACK ALAN HIGGS, B.S., Eastern Illinois University, 1964  
CAROLE ANN HIGH, B.S., Millikin University, 1965  
MARY ANNE HIGHTOWER, A.B., 1969  
JOHN JOSEPH HILBURGER, A.B., 1968  
ELLEN ZIMMERMAN HOOKER, B.S., University of Wisconsin, 1950  
LINDA OSTEMA HOVDE, B.S., 1966  
EMIL ALPHONSE HUNCKLER, B.A., Aurora College, 1949  
ROSAMUND ASHWILL HUSER, B.S., 1960  
MARILYN MC CANN IMBODEN, B.S., Northwestern University, 1967  
JAMES WALTER INGERSOLL, B.S., Iowa State University, 1963; B.D., Chicago Theological Seminary, 1967  
MARY JOANN JENKINS, B.A., Blackburn College, 1968  
JULIA GROH JOHNS, B.A., Juniata College, 1950  
BONITA ALTA JOHNSEN, B.S., University of Omaha, 1963  
GLENDA VURSELL JOHNSON, B.S., Eastern Illinois University, 1966  
ARLENE RITA KALLMAN, A.B., Wheaton College, 1966  
MARY SMITH KERSEY, B.S., Eastern Illinois University, 1950  
JOHN ROBERT KLEBERG, B.S., Michigan State University, 1962  
GEORGE WESLEY KLEIN, B.A., Michigan State University, 1964  
JOSEPH ANTONY KOPTA, B.S., M.D., University of Oklahoma, 1958, 1962  
MARY LEE KOREY, A.B., College of New Rochelle, 1968  
TERRI ANN KRAMER, B.A., University of Denver, 1969  
MARY KEASCHUK KYBA, B.A., B.Ed., University of Saskatchewan, 1960, 1967  
MARTHA HAYES LABISKY, B.S., 1963  
FRANKLIN PAUL LAMBERT, B.S., United States Military Academy, 1964  
SALVADOR HENRY LA ROCCA, B.S., Loyola University (Louisiana), 1958; M.S., M.D., Tulane University, 1962, 1962  
LINDA LEE LEASMAN, B.S., 1968  
EDWIN HAROLD LEEPER, B.S., Greenville College, 1964  
GEORGE WAYNE LEIGHTY, B.S., Southern Illinois University, 1966  
MARION JOHNSON LEONARD, B.S., Rhode Island College, 1966  
HELEN BROOKS LILLY, A.B., Harris Teachers College, 1964  
DWIGHT ERIC LINK, B.A., Trinity College (Illinois), 1961  
GARRY CHARLES LINN, B.S.Ind.Ed., Purdue University, 1965  
RAFELA BLOCH MALINA, A.B., Washington University, 1964  
BOBBIE DENNY MANNING, B.S., 1969  
CAROL ANN MARKESE, B.S., Northern Illinois University, 1967  
MARY JEAN MCCANN, A.B., 1968  
CAROL ELIZABETH MCCARTHY, B.S., Indiana University, 1969  
LEONA ELIZABETH MCCLURE, B.A., University of Denver, 1961  
LAVONNE WENGER MCGUIRE, B.A., University of Northern Iowa, 1955  
KATHLEEN MICHELE MCKAIG, B.A., University of South Florida, 1968  
CYNTHIA THERESA MCKENZIE, B.A., Xavier University (Louisiana), 1957  
MARILYN KAY MERTEN, B.S., Illinois Wesleyan University, 1966  
JOYCE LYN MOSSBERG METZGER, B.S., Illinois Wesleyan University, 1966  
MARILYN JOAN MICHAL, B.S., 1963  
JOAN NORMA MIDBOE, A.B., University of Chicago, 1957  
ETHEL BERRY MINCEY, B.S., Pennsylvania State College (Cheyney), 1953

JAMES ANSLEY MITCHACK, B.A., University of Notre Dame, 1967  
WAYNE KENNETH MOCK, A.B., 1968  
JOYCE ANN MOON, A.B., 1968  
CAROLYN VI MORIMITSU, B.S., 1969  
GENE FRANCIS MORMAN, B.S., Illinois State University, 1967  
JOANN ELIZABETH MUNDT, B.S., Western Illinois University, 1962  
MARGARET JOAN MURDOCK, A.B., 1961  
MARIAN MASSER NEEDLE, B.A., University of Chicago, 1961  
VERNON TED NEUHAUS, B.S., 1968  
GARY EDWARD NICHOLSON, B.S., Illinois State University, 1966  
JANICE GERALDINE NICHOLSON, B.A., Agricultural, Mechanical and Normal College, 1969  
LYNN NORDENTOFT NICHOLSON, B.S., Illinois State University, 1967  
WILMA LUCILLE O'BRIEN, B.S., 1968  
GRETCHEN PAALMAN, A.B., Hope College, 1968  
MERVIN GENE PETERS, B.S., 1968  
JOSEPHINE GOZDECKI PETRUCCELLI, B.S., 1966  
JOANNE FISHERKELLER PETRY, B.S., 1951  
SANDRA LYNN PIERCE, B.S., 1969  
CAROL ANN PIKE, Ph.B., DePaul University, 1966  
CHIEH-MIN PING, B.A., Tamkang College of Arts and Science, 1964  
ROBERT CARROLL PITTMAN, B.S., McPherson College, 1958  
ISABEL RAYMUNDO POBLETE, B.A., Philippine Women's University, 1968  
SHARON POLLACK, B.S., 1969  
PATRICIA TROWBRIDGE PROCTER, B.A., University of New Hampshire, 1968  
ROGER MCHARRY QUINLAN, B.S., Eastern Illinois University, 1967  
DONNA MAE RIECHMANN, B.S., 1965  
JOAN ROBERTS, B.S., Loyola University (Illinois), 1965  
ERNEST LINTON ROBINSON, B.A., University of British Columbia, 1949; B.Ed., University of Alberta, 1966  
JANICE MARIE ROLLS, B.S., Illinois State University, 1965  
MARGIE PALOIAN ROSS, B.A., Roosevelt University, 1965  
HUBERT EUGENE SARVER, B.S., Illinois State University, 1959  
JEROME ARTHUR SAWTELLE, A.B., 1969  
ROBERT ANDREW SCHAEFER, A.B., 1968  
LORETTA ZIMMERMAN SCHROWANG, B.S., Illinois Wesleyan University, 1958  
DALE NORMAN SCHUMACHER, B.S., University of Arizona, 1964; M.D., 1969  
SANDRA LYNN SCOTT, A.B., 1969  
MAURINE DIANE SELL, B.S., Wisconsin State University (Eau Claire), 1954  
MARIA ASIN SEVILLANO, A.B., 1967  
SHOKO SHIMADA, B.A., Tokyo Gakugei University, 1965  
LEONARD EUGENE SIGLER, B.S., Illinois State University, 1966  
SHARON HAZEL SILVERMAN, B.A., Queens College, 1968  
STUART HOUSE SILVERMAN, B.A., University of Massachusetts, 1969  
SISTER HELEN THERESE FEDORKO, B.S., Villa Maria College, 1958  
SISTER TERESA LOGAN, B.A., Incarnate Word College, 1967  
DOROTHEA ELLEN SMITH, B.S., 1969  
JOHN WESLEY SMITH, B.S., Iowa State University, 1966  
PAULA LUCILLE SMITH, B.S., Southern Illinois University, 1968  
BARBARA ANN SMOLTZ, B.S., Southern Illinois University, 1956  
JUDITH WINTERS SMOOT, B.S., Southern Illinois University, 1965  
GLORIA JEAN SMULEVITZ, B.A., Purdue University, 1968  
SUSAN MARIE STAMPF, B.A., University of Iowa, 1966  
MICHAEL JEFFREY STILL, B.S., 1966  
SUSAN ANN STOVER, B.A., Northern Illinois University, 1967  
CAROLE SUE RIDDLE SUMMERVILLE, B.S., 1964  
FABIAN JOSEPH TASSON, B.S., Northern Michigan University, 1963  
VICTOR HARRISON TEMPLE, B.A., Iowa Wesleyan College, 1967  
VIRGINIA LEIGH TEMPLE, B.A., Iowa Wesleyan College, 1967  
MARY KATHLEEN TOOHEY, B.A., University of California, 1965  
LARRY NORMAN VARNER, B.S., Illinois State University, 1965  
ALLAN FRANK VOGELSANG, B.S.Ed., Eastern Illinois University, 1965  
ILVA EDELEN WALKER, B.A., University of Oklahoma, 1949  
LESLEY LOUISE WALKER, B.S., Northern Illinois University, 1969

SARAH MCCORD WASHINGTON, B.S., Tuskegee Institute, 1964  
 MARGARET KATHRYN WATT, B.S., 1969  
 JACQUELINE DIANE WEISSMAN, B.S., 1969  
 DEBRA NAOMI WEISSMAN, B.S., 1969  
 SUE JUEL WELLS, B.S., Southwest Texas State College, 1964  
 WILLIAM JOHN WELSH, B.S., Loyola College, 1968  
 JAMES RONALD WHITTAKER, B.S., Indiana University, 1969  
 CAROL LARSON WIEKHORST, B.S., University of Arizona, 1968  
 DARLEAN MOORE WILLIAMS, B.S., Grambling College, 1964  
 DENNIS ROGER WILLIAMS, B.S., 1968  
 ETHEL MARIE WILLIAMS, B.S., 1967  
 MARY WELER WILLIAMS, B.A., College of St. Francis, 1966  
 FLORENCE CALDER WILLIAMSON, B.S., 1964  
 DIANNE SHARON WISSE, A.B., 1967  
 CONRAD HENRY ZIERDT III, B.S., 1968

#### Degree of Master of Social Work

ELAINE ANDREA BECKER, B.A., 1967  
 THOMAS PHILLIP BRENNAN, B.A., St. Gregory University, 1946  
 DENNIS DURWORD BROWN, B.S., Western Michigan University, 1967  
 WILLIE BROWN, JR., B.S., Agricultural, Mechanical and Normal College, 1961  
 ALAN DAVID BUSCH, A.B., 1968  
 DIANE MARIA CASTLE, B.Ph., Northwestern University, 1967  
 DIANE MAZZARI CLARKE, B.A., Salve Regina College, 1968  
 JAMES BENEDICT COONEY, JR., B.A., Loras College, 1965  
 BENNIE KATHRYN CRAIGHEAD, B.S., Abilene Christian College, 1965  
 HELEN MARY CUNNINGHAM, B.S., Nazareth College, 1946  
 PATRICK ALMOND CURTIS, A.B., 1968  
 MARGARET PAGE DAHL, B.S., Chicago Teachers College, 1966  
 ELIZABETH ANN DORSEY, B.A., Illinois Wesleyan University, 1968  
 ANN DOSCHER, B.S., Maryville College, 1965  
 ANDREA LORRY EIMER, B.A., Elmhurst College, 1967  
 SANDRA LEE EISENBERG, B.A., North Park College, 1968  
 PATRICIA ANN ERICHSEN, B.A., Roosevelt University, 1966  
 PAULA NESSEL FIAKPUT, B.S., 1968  
 KATHLEEN MARY FLAHERTY, B.A., University of Colorado, 1965  
 MICHAEL RAYMOND FORD, B.A., Mt. Carmel College, 1965  
 JULIE ANN FULMER, B.A., Michigan State University, 1968  
 JANET MARIE GAMBLE, A.B., 1968  
 SUZANNE RHODA GARB, B.A., Roosevelt University, 1967  
 KAREN LYNN GRAIS, B.A., Whittier College, 1966  
 MARY JOYCE GRIFFIN, B.A., Quincy College, 1967  
 RITA BERLIANT GROSS, B.S., 1942  
 JOSEPH ROBERT HACALA, B.A., Loyola University, 1968  
 JEAN KERN HARRIS, B.A., University of Wisconsin, 1967  
 AMELIA MARIE HAYES, B.A., Southern University, 1968  
 ALDEN ROSCOE HEATH, B.A., DePaul University, 1966  
 RUTH ANN HEINECKE, B.A., Valparaiso University, 1967  
 JAMES ARTHUR HOGAN, B.A., St. Mary of the Lake Seminary, 1966  
 KATHLEEN MCBRIDE HOGAN, B.A., Rosary College, 1968  
 PATRICIA LYNN HOUGH, B.A., Phillips University, 1968  
 LOIS JACOBS, B.S., 1968  
 KAY JOHANSEN, B.D., McCormick Theological Seminary, 1963; B.A., Northwestern University, 1959  
 DIANNE MATHRE JOHNSON, B.S., 1952  
 HUGH EDWARD JONES, B.A., College of Emporia, 1965  
 ANGELIA MEILING KAPPNER, B.A., University of Chicago, 1968  
 VIRGIL ROGER KEITH, B.A., University of Missouri, 1967  
 ALFRED DANIEL KENDRICK, B.A., Agricultural, Mechanical and Normal College, 1966  
 BETTY ANN KERWIN, B.A., Nazareth College, 1965  
 JEAN THOMAS KIMBALL, B.S., Northwestern University, 1941; LL.B., John Marshall Law School, 1947



MERIDEL FEUQUAY KIRK, B.S., University of Cincinnati, 1959  
 MARSHALL ALAN KLEIN, A.B., 1965  
 EVELYN ELENBOGEN KOPPEL, B.A., 1964  
 MARYANN DIEFENBACH KRIEGLSTEIN, B.S., Mundelein College, 1967  
 SUSAN BARBARA KRUSE, B.A., Western Michigan University, 1965  
 CYNTHIA JEAN LIVINGSTON, B.A., University of Michigan, 1961  
 MARY ZONOLA LONGSTRETH, B.A., Nebraska Wesleyan University, 1962  
 LARRY JOHN MCINNES, B.S., 1967  
 JUDITH HAIG MENGEL, B.S., Purdue University, 1956  
 SANDRA JEAN MILLER, B.A., Quincy College, 1965  
 BERNARD NEIL MILSTEIN, B.A., University of Arizona, 1962  
 LORRAINE EDITH O'CONNOR, B.A., College of St. Francis, 1966  
 LORRAINE HARRIS PATINKIN, A.B., 1955  
 BERNARD VYTAUTAS PRAPUOLENIS, B.A., Roosevelt University, 1965  
 BALGRIM RAGOONANAN, B.A., DePaul University, 1967  
 HOWARD WILLIAM RATTNER, B.F.A., School of the Art Institute, 1962  
 INA SUSANA REDD, B.A., Michigan State University, 1964  
 MARGARET ANN REIDY, B.A., Northwestern University, 1967  
 WILLIAM DEGEN REIWITCH, A.B., 1968  
 MARVIN DALE ROELOFS, B.A., Calvin College, 1965  
 JANET O'DONNELL ROSEN, A.B., Emmanuel College, 1964  
 JOSEPHINE TODOS ROSENTHAL, B.A., Northwestern University, 1959  
 JOSEPH ANTHONY RUGGERIO, B.A., Western State College, 1967  
 ARLYNE SASKILL, B.S., Mundelein College, 1967  
 DAVID ANDERSON SATTAZAHN, A.B., 1965  
 EDNA BIEHL SCHEIN, A.B., 1968  
 VICTOR ELI SEMEN, A.B., 1968  
 NANCY JANE SHEVICK, B.A., University of Wyoming, 1968  
 CANDACE KRAMSCHUSTER SINOW, B.A., University of Wisconsin, 1968  
 SISTER MARY ADRIAN DAVIS, B.S.N., DePaul University, 1964  
 SISTER KATHERINE ELIZABETH HEFFERNAN, B.S., St. Louis University, 1946  
 HOWARD LAWRENCE SKOLNIK, B.A., Ohio State University, 1966  
 RONALD RIMANTAS SLAVENAS, B.A., University of Arizona, 1965  
 BEVERLY SUE SMITH, B.A., DePaul University, 1968  
 DENNIS GEORGE SMITH, B.A., University of Oklahoma, 1967  
 DOUGLAS EDWARD SPROUSE, B.S., George Williams College, 1966  
 MYRA EDELMAN SWANSON, B.A., Northeastern Illinois State College, 1968  
 SHERREE ANNE SZILI, B.S., Marquette University, 1964  
 CHARLES MELVIN THOMPSON, B.A., Phillips University, 1968  
 SALLIE DOBSON TROY, B.S., Mt. Mercy College, 1939  
 DEBORAH GOLDSTEIN TUCKER, B.A., Northwestern University, 1967  
 PATRICIA GAMBLE UTIGARD, B.A., Wheaton College, 1968  
 ANITA ROCHELLE VARON, B.A., Roosevelt University, 1967  
 RONALD JAMES VASKIE, B.S., Southern Illinois University, 1961  
 LINDSAY D. WATSON, B.A., Northwestern University, 1961  
 WILLIAM CHARLES WAX, B.A., University of Nebraska, 1961; B.D., McCormick  
 Theological Seminary, 1965  
 HELENE WENDY WEISBACH, B.S., Roosevelt University, 1967  
 LYNN MARION WELTER, B.A., Rockford College, 1964  
 NANCY ECKERT WILSON, B.S., Miami University, 1966  
 MELBA GOODMAN WOLFF, B.A., DePaul University, 1968  
 MARTHA SUE YONIKUS, B.S., 1965

### Degree of Master of Fine Arts

#### *In Design*

LARRY SPENCER BELL, B.Arch., 1967  
 EUGENE LELAND BOTHUN, B.A., Colorado State University, 1965

#### *In Painting and Printmaking*

RUTH ENIX FASH, B.F.A., Oklahoma State University, 1965  
 FRANCES MIRIAM FORREST, B.A., Idaho State College, 1968  
 BEATRICE NETTLES, B.F.A., University of Florida, 1968  
 WILLIAM ROGER PONTE, A.B., Brown University, 1966

JAN IRENE TENENBAUM, B.F.A., University of Tennessee, 1968

ROCHELLE ANN TONER, B.A., University of Northern Iowa, 1962; A.M., 1967

*In Sculpture*

JIM KEH-YI HSIEH, B.F.A., School of the Art Institute of Chicago, 1968

MICHAEL MALEY LEIGHTON, B.A., Knox College, 1964

SAMUEL DAVID WILEY, B.F.A., University of Florida, 1968

**Degree of Master of Television**

GLEN ARTHUR SALE, JR., B.S., John Brown University, 1968

**Degree of Master of Architecture**

SHIRLEY WANG CHEN, B.S.E., Taiwan Cheng Kung University, 1964

ERNEST HEDRIC CLAY, B.Arch., 1969

PURNIMA GUPTA, B.Arch., University of Roorkee, 1968

GARY DALE LYNN, B.Arch., Kansas State University, 1969

MERVYN KEITH MILLER, B.Arch., University of Newcastle, 1966

WILLIAM ALLEN OKAZAKI, B.Arch., Washington State University, 1969

WALLACE LEE SCOTT, B.Arch., Southern University and Agricultural and Mechanical College, 1966

O. THOMAS HAROLD SELLAND, B.Arch., North Dakota State University, 1965

**Degree of Master of Accounting Science**

SUNDAY EMMANUEL AKINYEMI, B.S., 1968

COLIN KELLY BRUMMET, B.S., 1969

HARVEY CITERMAN, B.S., 1968

EMMETT BUNCH DAY, B.S., 1969

WILFRID PHILLIPS DEETH, B.Com., University of Toronto, 1935

ROBERT BENNETT FLOYD, B.B.A., University of Notre Dame, 1968

JOSEPH ALBERT FRANZ III, B.S., 1970

JOHN HOBART GRAVES, B.S., 1969

KENNY SCOTT HUGHES, B.S., 1965

EDWARD JOHN KROEGER, B.S., Illinois Institute of Technology, 1969

WILLIAM E. MASON, B.S., 1969

HOWARD DEAN NICHOLAS, B.S., 1969

DAVID KUMAR PALIT, B.S., 1962

JOYCE VERONICA PALUCH, B.S., 1969

SHENG-DER PAN, B.A., National Taiwan University, 1962

JOHNNY V. PARANILAM, B.Com., M.Com., B.Laws, University of Calcutta, 1954, 1957, 1959; M.B.A., University of Detroit, 1966

KENNETH JOHN RYLKO, B.S., Saint Joseph College (Indiana), 1969

ROBERT BRUCE TOWNER, B.S., 1969

JOHN MARTIN WACHOWICZ, B.S., 1968

KAREN CHING-SHEN TSO WANG, B.Com., Soochow University, 1966

JEFFREY MESIROW WESTON, B.S., 1969

DANIEL JOSEPH ZIMMERMAN, B.S., 1969

**Degree of Master of Business Administration**

AHMED BELKAOU, Dipl., Institute of Higher Commercial Studies, 1967

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DOUGLAS CRAIG ELLINGTON, B.S., Iowa State University, 1967

EUGENE EMELUWA EZIKE, B.S., M.S., 1966, 1967

TIMOTHY ANDREW HAYES, A.B., University of Michigan, 1968

ORIN LEE IRELAND, B.S., 1969

GARY REUBEN KLEIBER, B.S., 1968

ROBERT CHARLES KRAMP, B.S., 1960

ALAN BING LEE, A.B., Hunter College, 1967

LOWELL LEON LEFEBVRE, JR., B.S., 1962

JOHN HERBERT MARKS, B.M.E., Marquette University, 1965

NORMAN EDWARD MAYER, B.S., 1960

THOMAS CHRISTOPHER McALLISTER, JR., B.M.E., Marquette University, 1962

RONALD DUANE MEYER, B.A., Wartburg College, 1968

DONALD JOSEPH OLSZEWSKI, B.A., Aurora College, 1968  
 JAMES ROBERT PHILPOTT, A.B., 1968  
 STEPHEN ALEXANDER SMITH, B.S., 1968  
 JAMES EARL THOMPSON, B.S., Northern Illinois University, 1967  
 RACHID TOURKI, Dipl., Ecole Nationale des Ingenieurs des Travaux Ruraux, 1965  
 JEROME EDMUND VOLK, B.S., Eastern Illinois University, 1968  
 RONALD FRANK WEBER, B.S., 1960  
 GEORGE BACH WIEGAND, B.S.I.M., Purdue University, 1968

#### **Degree of Master of Commerce**

NORMAN ALLEN KANE, B.S., 1969  
 JAMES EDWARD KOENIG, B.S., 1969  
 ROBERT ALFRED LAFLEUR, B.S., 1969  
 JOHN WILLIAM LOVEJOY, B.S., Illinois Institute of Technology, 1961  
 MARK PHILLIP NAHIN, B.S., Drake University, 1968  
 GEORGE JOHN SLEZAK, B.B.A., Loyola University, 1969

#### **Degree of Master of Extension Education**

DAVID EDWIN AKIN, B.S., 1968  
 WALTER EUGENE GRIFFITH, B.S., 1960

#### **Degree of Master of Landscape Architecture**

WILLIAM EUGENE FRASER, B.S., Utah State University, 1967  
 GEORGE HERBERT PICKELS, B.S., Texas A and M University, 1964  
 RODERICK ALLEN WIBERG, B.S., Utah State University, 1967

#### **Degree of Master of Urban Planning**

JOY GREENSLADE AKIN, B.A., Principia College, 1968  
 KAREN ELLEN BLUME, A.B., University of Michigan, 1966  
 DAVIT FRESKO, B.S., Robert College, 1967; M.S., 1969  
 BORIS ISAAC KATZ, B.S., University of California, 1949  
 ALAN CARL LILLYQUIST, B.S., University of Wisconsin, 1963  
 CHARLES THOMAS McCAFFREY, JR., A.B., St. John's Seminary, 1964  
 THOMAS ALEXANDER McVEIGH, JR., B.A., College of the Holy Cross, 1966; M.S., 1969  
 WILLIAM ROBERT MEE, JR., B.Arch., University of Miami, 1968  
 MERVYN KEITH MILLER, B.Arch., University of Newcastle, 1966  
 RAFFAELLA NANETTI, Dott., Universita' Cattolica del Sacro Cuore, 1967  
 HANSJORG KARL RUDOLF PETERS, Dipl.Ing., Technische Hochschule Hannover, 1966  
 RONALD LOUIS ROAKS, A.B., Ed.M., 1966, 1969  
 EDWIN BERKY RODGERS, B.Arch., Miami University (Ohio), 1967  
 MAX PAUL RUPPECK, B.Arch., M.Arch., 1964, 1966  
 JAMES BRUCE SMITH, B.U.P., 1968  
 SHARON CHENG-YOONG YIN, B.S.E., Taiwan Cheng Kung University, 1965

#### **Advanced Certificate**

##### *In Education*

RICHARD DONALD BERG, B.S., M.S., Stout State University, 1955, 1956  
 JOSEPH KINGSLAND BIERBAUM, B.S., Southern Illinois University, 1963; Ed.M., 1967  
 MARGARET COOGAN BLANFORD, B.S., Ed.M., 1963, 1965  
 ROSA FLOWERS BROOKS, B.S., Tuskegee Institute, 1957; Ed.M., 1962  
 LUELLA ROSE COBB, B.S., Ed.M., 1952, 1957  
 JAMES ARTHUR DEYOUNG, B.S., Ed.M., 1963, 1965  
 WALLACE CLARENCE DRALLE, B.S., Western Illinois University, 1960; M.A., DePaul University, 1967  
 RICHARD SCORSE ENO, B.S., State University of New York (Oswego), 1953; M.Ed., St. Lawrence University, 1959  
 LEO CARL JOHNS, B.A., Juniata College, 1950; M.Ed., Pennsylvania State University, 1953  
 JANIE O'BRYAN KAFKA, B.S., Millikin University, 1959; Ed.M., 1964

JOSEPH PATRICK LAVITE, A.B., Ed.M., 1964, 1966

GEORGE FIFIELD McKEAGE, B.Ed., Keene Teachers College, 1951; M.S., State University of New York (Oswego), 1963

ROLAND WENDELL MEYER, B.S., Ed.M., 1950, 1955

AUBREY ALLEN MONTGOMERY, B.A., Blackburn College, 1949; M.S., Southern Illinois University, 1950

JUDITH SHIPLOCK PENDERGRASS, B.S., Ed.M., 1966, 1967

RUTH McDOWELL WILLIAMS, A.B., Tougaloo College, 1946; M.A., Atlanta University, 1949; M.Ed., Illinois Teachers College, 1962

*In Music Education*

JAMES CHRISTOPHER MOSS, B.A., Carroll College, 1965; M.S., 1969

**Certificate of Advanced Study in Librarianship**

JOHN EDWARD BELL, A.B., Roosevelt University, 1958; A.B., M.S., 1964, 1966

CAROLYN WELLER THIESS, B.A., Georgetown College, 1963; A.M., Indiana University, 1966

**COLLEGE OF AGRICULTURE**

**Degree of Bachelor of Science**

*In Agriculture*

KENNETH WAYNE ALLERS

JUDITH ANN ANDERSON

KENNETH RAY ARNOLD

RONALD ALAN AYERS

EARLENA SUE BARCOCK

GARY LEE BALKE

JAMES RICKARD BAXTER

RICHARD STINE BEEM

PETER BENITZ, Honors

ROBERT GENE BIDNER

JACKIE WALTER BIGGS

JERRY LEE BIRD

LARRY GENE BLUNIER, Honors

TIMOTHY JOE BOONE, Honors

RANDY GEORGE BRIDSON, Honors

WILLIAM ROLAND BRITT

JEFFREY DEAN BROOKS

SANDRA MILLER BROOKS, Honors

JAY RANDY BROWN

ROBERT JOSEPH BROWN

DONALD FREDERICK BUSSE

RANDY EUGENE BYERS

JOHN LAWRENCE CANTLIN

ROBERT L. CARDONI

DONALD LAWRENCE CARLSON, Honors

BRUCE ELWOOD COOPER

LEIGH HOWARD CRADDOCK

JOHN DWAYNE DAMERON

RICHARD JOHN DAVIDSON

DAVID GORDON DE HART

ALLEN JOHN DIETZ

GARY EUGENE DILLOW

RONALD WAYNE DOYLE

PHILIP JEROME DUFFY

ROBERT GENE DUIS, Honors

JAMES FRANCIS DWYER, Honors

DAVID EUGENE EARLEY, Honors

ROGER RAY EBERT

CHARLES STEPHEN ERLANDSON

JAMES IVAN ETHRIDGE

STEPHEN CHARLES FAHR, Honors

DOUGLAS WAYNE FEHR

RICHARD JOHN FELTES

KENNETH DAROLD FINKLE, Honors

THOMAS BOYD FOGERSON, Jr.

NEIL MILAN FOTZLER

ROGER WILLIAM FRANCIS

JOSEPH WILLIAM FUNK

LARRY WINFRED GLECKLER

AMY LEE GOODWIN

JERRY ALAN GREENE

JUDITH LYNN GREGG

FREDERICK PETER GUENGERICH, High

Honors

LUIS ANTONIO GUERRON

HENRY ELMER HAHN

JOHN MICHAEL HARDINGER

DAVID MERLE HARRISON

WARREN FRANCIS HARSHBARGER

LEON SANFORD HEATON

S. HUNT HENDERSON

BRUCE WILLIAM HENRIKSON

CARL EUGENE HERBERT, High Honors

GARY LEE HEUSEL

KENNETH JAY HIESER

LARRY JAMES HODEL

JOSEPH HAROLD HOFER

THOMAS ROBERT HOLMES

WILLIAM JOHN HOLSTINE, Honors

ELDO DEAN HOUSEHOLTER

ALBERT GEORGE HULTING

JOHN THOMAS HUNDLEY, Honors

LEROY GENE INSKEEP

CARL PHILLIP JOHNSON

LARRY LAVERN JOHNSON

WILBERT DEAN KAESBIEER

HENRY JOSEPH KALLAL

JAMES DANIEL KILLEY

GARY MICHAEL KITLEY, Honors

GARY LEROY KNOBLETT, Honors

HELEN SUSAN KNOX, Honors  
 RICHARD ELDON KOONCE  
 JOHN HERBERT LAESCH, Honors  
 JOHN DAVID LAFFEY  
 WARREN PAUL LANDHEER  
 PHILIP PAUL LARSON  
 DALE ALLEN LAW, Honors  
 RANDALL ARTHUR LEEPER  
 RICHARD GENE LEFRINGHOUSE  
 HOWARD DEAN LEMAN  
 LARRY GENE LOMAX, Honors  
 DOUGLAS HAROLD LONG  
 DAVID LORENCE LUDEWIG  
 MICHAEL KENNETH MABBITT  
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 JAMES EDWARD TURNER  
 LESLIE JOSEPH URBAN  
 GARY ALLEN VAIL  
 RUSSELL JAMES VANDENBROUCKE, with  
 Distinction in Rhetoric  
 LESLIE WEEKS VANLANDINGHAM  
 LESLIE WEEKS VANLANDINGHAM  
 CAROL ELIZABETH VAUGHN  
 BEVERLY ANN VELKOVRI  
 ROBERT ALAN VERVILLE  
 STEPHEN JOHN VOGEL, Honors in Lib-  
 eral Arts and Sciences  
 ANTOINETTE KATHERINE VOGET, High  
 Honors in Liberal Arts and Sciences  
 with High Distinction in French  
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 in Liberal Arts and Sciences  
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 DIANA HALE WATERS  
 LINDA MIGNANO WEEKS, Honors in  
 Liberal Arts and Sciences  
 BEVERLY JOAN WEIDEMIER, Honors in  
 Liberal Arts and Sciences  
 MEDA REBECCA WEINTROB, High Hon-  
 ors in Liberal Arts and Sciences  
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 JOHN C. WELCH  
 MARY WELCH, High Honors in Liberal  
 Arts and Sciences  
 MARTHA ANN WENDEL, High Honors in  
 Liberal Arts and Sciences with Dis-  
 tinction in Sociology  
 DENNIS CRAIG WERNER  
 GALE KOZBERG WESTON  
 NANCY HOCHSTADTER WESTON  
 RICHARD DUANE WEYHRICH  
 ROBERT STEPHEN WHEALEN  
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 ROGER LEE WHITE, High Honors in Lib-  
 eral Arts and Sciences

WILLIAM FREDRICK WHITE  
 SUELYN ANN WHITTINGTON  
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 BRIAN LANE WIDAMAN  
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 Liberal Arts and Sciences  
 NANCY CAROL WILLIAMS  
 KATHRYN ANN WILLIS, High Honors  
 in Liberal Arts and Sciences  
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 ROBERT WALTER WINKLEBLACK  
 CAROLYN RAE WINTERS

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 SUSAN CHARLENE WOOD, High Honors  
 in Liberal Arts and Sciences with  
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 ARLEEN TERESA WRENN  
 CARLOTTA HELAINE WRIGHT  
 DONALD CRAIG YACOE, High Honors in  
 Liberal Arts and Sciences  
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 ALISON LOUISE ZELLER  
 JAMES PATRICK ZOOK

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 Arts and Sciences  
 TOBY STANGLE BERKUN  
 BONNIE AVIS BERNSTEIN  
 KAREN MARGARET BETZ  
 JEANNE MARIE BOWMAN  
 CYNTHIA ROBERTA BRADLEY  
 TERRY LYNNE BRYANT  
 BARBARA ANN CASTAGNO  
 KAREN RUTH CLEMENS  
 PATRICIA ANN COUGHLIN  
 CAROLYN LOUISE CRABTREE  
 GEORGE WILLIAM DAY, Honors in Lib-  
 eral Arts and Sciences  
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 NANCY ANN DREW  
 LINDA SUE DUNKER, Honors in Lib-  
 eral Arts and Sciences  
 PEGGY CORBIN EISENSTEIN  
 JANE MARIE EWAN, High Honors in  
 Liberal Arts and Sciences  
 GERALDINE RAE FEHST, Honors in Lib-  
 eral Arts and Sciences  
 DIANE SHARON ISRAEL FINGER  
 DRUCILLA SANCHEZ FINKBEINER, High  
 Honors in Liberal Arts and Sciences  
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 MAVIS GERALDINE GOLDMAN  
 CAROL LEE GORE  
 SUSAN KEMPE GREGG  
 MARLENE LYNN GROSSMARK  
 MARI MYRA GURSKY, Honors in Liberal  
 Arts and Sciences  
 SHARON ELIZABETH HALL, Honors in  
 Liberal Arts and Sciences  
 SUSAN KATHERINE HALLER, High Hon-  
 ors in Liberal Arts and Sciences  
 with High Distinction in the Cur-  
 riculum  
 THERESA MARIE HAM, Honors in Lib-  
 eral Arts and Sciences

RACHEL HARDINGER  
 KRISTINE ORCUTT HARRISON, High  
 Honors in Liberal Arts and Sci-  
 ences  
 CHARLA BERYL HATHAWAY  
 MARY LOU HEDSTROM  
 CATHERINE SUE HIERONYMUS, Honors  
 in Liberal Arts and Sciences  
 JULIE ADAIR HUSS  
 JEANNE MILDRED JEFFREY, Honors in  
 Liberal Arts and Sciences  
 PEGGY MARIE JOHNSON, Honors in Lib-  
 eral Arts and Sciences  
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 SUSAN MARGARET KAZMERCAK  
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 eral Arts and Sciences  
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 PHYLLIS CHARLENE LARSON  
 CONNIE GOKEN LAWLER  
 ROBERTA ANN LESHT  
 MARTHA MARY MALEK, Honors in Lib-  
 eral Arts and Sciences  
 MARIANNE MARCINEK, Honors in Lib-  
 eral Arts and Sciences  
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 ROBERT JOHN MARQUIS  
 ANNE ELEANOR MATUSZEWSKI  
 KATHERINE MARY MCGRATH  
 LAURIE JO MCMAHON, High Honors in  
 Liberal Arts and Sciences  
 MICHAEL EDWARD MCNETT, High Hon-  
 ors in Liberal Arts and Sciences  
 with Distinction in the Curriculum  
 CANDACE LYNN MOELLER  
 BARBARA BUNKER MOORE  
 JOHN ARTHUR NESBIT  
 MARGARET ANN NOONAN, Honors in  
 Liberal Arts and Sciences  
 DORIS JEANNE POOLE, High Honors in  
 Liberal Arts and Sciences  
 KATHY ANNETTE RASSI, High Honors  
 in Liberal Arts and Sciences  
 FRANK OLAF REID, Honors in Liberal  
 Arts and Sciences  
 ROBERT JOSEPH REILLY

PAMELA JANE RICHARDSON, High Honors in Liberal Arts and Sciences with High Distinction in the Curriculum  
 SUSAN RUTH RIEGER  
 KAREN EISENSTEIN ROBINS, High Honors in Liberal Arts and Sciences  
 ELEANOR FLORENCE ROSELLINI, High Honors in Liberal Arts and Sciences  
 ELLEN ROSENFELS  
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 DAYLE SAINSBURY  
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 LINDA JOANN SCHILLING  
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 LINDA LEGNER SHUMWAY  
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 LEILA ANN URBANEK, Honors in Liberal Arts and Sciences  
 JOYCE KAY WEBER, High Honors in Liberal Arts and Sciences  
 PAMELA INEZ WEIDNER, Honors in Liberal Arts and Sciences  
 GRACE ELLEN WELCH, Honors in Liberal Arts and Sciences  
 MARY GRACE WELLS  
 CHERYL ANN WILLIAMS  
 BEVERLY ANNE WOLFF

*In the Teaching of French*

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 SANDRA LYNN BRUSKI  
 CONSTANCE JANE CLAYPOOL  
 MARY ANNE ERDE, High Honors in Liberal Arts and Sciences with High Distinction in the Curriculum  
 ADRIANNE MAY FISHMAN, High Honors in Liberal Arts and Sciences with Distinction in the Curriculum  
 KATHLEEN ELLEN HASBACH, High Honors in Liberal Arts and Sciences  
 MARILYN JOHNSON HOLT, Honors in Liberal Arts and Sciences  
 LINDA JULIA JACHIMEK  
 DONNA LOUISE KIME, Honors in Liberal Arts and Sciences  
 NIKY LYNN KRAUSZ, High Honors in Liberal Arts and Sciences with Distinction in the Curriculum

SHARON JOYCE KUSHNER, Honors in Liberal Arts and Sciences  
 DEBORAH JEANNE MAY  
 SUZANNE VIRGINIA MILLER, High Honors in Liberal Arts and Sciences  
 DEBORAH ANN NITEKMAN  
 SHANNON MARIE NOBLE, High Honors in Liberal Arts and Sciences with Distinction in the Curriculum  
 NANCY ANN PALMATIER  
 INGE AMBROS REMBE  
 NORMA SOFO SCHRENZEL  
 DEBORAH LOUISE SPIEGEL  
 MARILYN RITTENHOUSE WAGNER  
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 JUDITH LEE WEHRLE  
 SUSANNE WILT

*In the Teaching of German*

WALTER SCOTT CLAUSEN  
 SUSAN CHRISTINE CUSICK  
 KARA JEAN GONTERMAN  
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 ELIZABETH FARR HUDSON  
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 SUZANNE MARIE MEINHEIT

LINDA LOUISE NIELSEN, High Honors in Liberal Arts and Sciences with Distinction in the Curriculum  
 BARBARA RUTH NIEMANN, Honors in Liberal Arts and Sciences  
 DAGMAR GUDRUN REIMANN  
 GISELA KLUGE SEVERINO, High Honors in Liberal Arts and Sciences with Distinction in the Curriculum  
 KAETHE QUITTING WILBER, High Honors in Liberal Arts and Sciences with High Distinction in the Curriculum

*In the Teaching of Latin*

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SHARON MARIE HENSCHEN  
LINDA LEE PRATER  
LORING WILLIAM SCHROEDER

KATHLEEN LOUISE SHANNON, High  
Honors in Liberal Arts and Sci-  
ences with Highest Distinction in  
the Curriculum

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LINDA KELLEY WELCH  
MARY LINDA WILKES

*In the Teaching of Social Studies*

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TRACEY LEE ALLEN  
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MAVIS ANN RADI BATES  
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Arts and Sciences  
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CHRISTOPHER WAYNE BOHLEN, Honors  
in Liberal Arts and Sciences  
SHARON LYNN BURGESS, Honors in Lib-  
eral Arts and Sciences  
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MARY CATHERINE CAMPBELL  
LINDA MARIE CASTLEMAN  
SHARON LINDA CLARK  
ANN CAROLYN CURTIS  
CYNTHIA LOUISE CYBUL  
DONITA INEZ DECKER, Honors in Lib-  
eral Arts and Sciences  
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SHERI JARVA ENGLER, Honors in Lib-  
eral Arts and Sciences  
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CAROLE LYNN FERRY  
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JORJA CAROL FRITZEN, Honors in Lib-  
eral Arts and Sciences  
KATHLEEN COONS GIACOMINI  
RUSSELL STUART GOLD  
MADALYN RAE GRAFF  
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eral Arts and Sciences  
WANDA JEAN HAMILTON, Honors in  
Liberal Arts and Sciences  
ANN RITA HANSON  
KRISTI McMILLIN HARRIS, Honors in  
Liberal Arts and Sciences  
JAMES JAY HILST, High Honors in Lib-  
eral Arts and Sciences  
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JAMES CHARLES KANTOR  
GARY ALAN KNOKE, Honors in Liberal  
Arts and Sciences  
JANICE ANN KOPP  
CLAIRE IRENE KRAFT

DENNIS WEE LEONG  
GLEN PERRY LITTLEFIELD  
DIANE SUE LOEB  
BARBARA KAY LOEBACH  
DONNA JOYCE LUDEWIG, High Honors  
in Liberal Arts and Sciences  
LAUREN ANN LUNPIN, Honors in Lib-  
eral Arts and Sciences  
MARY RUTH JARBOE MCCALL  
JOYCE MADELYN McDONNELL  
CHERYL MARY MICHAELS, Honors in  
Liberal Arts and Sciences  
ORVILLE DEAN MICKELBERRY  
PAMELA CLAIRE MILLER  
MAUREEN DOLORES MUDRON  
JOANN MASSA OGDEN, Honors in Lib-  
eral Arts and Sciences  
TERESA ANN OUTTEN  
SUSAN LOUISE PATTERSON, Honors in  
Liberal Arts and Sciences  
CAROL ELAINE PIEPER, High Honors in  
Liberal Arts and Sciences  
DAVIE SUE RAKER  
MARLYS KENNARD REED, Honors in  
Liberal Arts and Sciences  
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TERRY M. SAGER  
STEVEN PAUL SANAZARO  
SHARON BETH SAUDER  
LANA ROEN SCHULTE  
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PAMELA ANN SHALLENBERGER  
SUSAN ELIZABETH SMITH, High Honors  
in Liberal Arts and Sciences  
GREGORY JAMES SPRINGER  
CAROL LYNN STEVENS, Honors in Lib-  
eral Arts and Sciences  
JERILYN KAY STROHECKER  
ROBERTA JILL THOMPSON, Honors in  
Liberal Arts and Sciences  
JANETTE LORETTA TORSAN  
JILL MARIE WALTZEK, High Honors in  
Liberal Arts and Sciences with Dis-  
tinction in the Curriculum  
HELEN MARIE WITORT  
KATHRYN SUSAN WROBLE

*In the Teaching of Spanish*

JANET ANN BEAUDWAY, with Distinc-  
tion in the Curriculum  
MARNA ANN BERMAN, High Honors in  
Liberal Arts and Sciences with  
High Distinction in the Curriculum

JACQUELINE ANN BRADFORD, High Hon-  
ors in Liberal Arts and Sciences  
with Distinction in the Curriculum  
JOAN LOUISE COWAN  
IDA PANKO DOLLINS

JANE ANN EPSTEIN  
 BARBARA EILEEN EVERHART, High Honors in Liberal Arts and Sciences with High Distinction in the Curriculum  
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 SUSAN MARGARET GREEN  
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 MARY ELLEN KELLY  
 MARGARET ANN KNOPP, High Honors in Liberal Arts and Sciences with Distinction in the Curriculum

ELAINE MARIE KOWALSKI, with Distinction in the Curriculum  
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 NANCY ELIZABETH SIXSMITH, with Distinction in the Curriculum  
 NANCY JOY SOKOL  
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 SUSAN WALLERSTEIN  
 MARY LOUISE WILEY, High Honors in Liberal Arts and Sciences  
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#### *In the Teaching of Speech*

ROXANNE SUE ANGELINI  
 JUDITH ANN BARTH  
 ROSANNE MILLER BRANDS  
 SUSAN JEAN BRINKMAN  
 ADELINE ELINOR DICKEY  
 MIRIAM AVIS DOLGIN  
 JAYE PATRICIA HEWITT  
 DAVID RAY JOHNSON  
 JOAN THOMPSON KERBER  
 BARBARA JEAN LAZ, High Honors in Liberal Arts and Sciences with Distinction in the Curriculum

SUSAN IRIS LEPINSKY, High Honors in Liberal Arts and Sciences with High Distinction in the Curriculum  
 GAIL MAXWELL  
 LINDA SUSAN MEISTAS  
 JANET CHRISTINE MESSMER  
 LYNNE MARCIA NEWMAN  
 PATRICIA LEE OSTROWSKI  
 CHERLYNNE THERESA THIGPEN

#### *In Theatre Art*

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 JUDY EILEEN BARTLETT  
 LAURIE WILLIAMS BARTOLINI, High Honors in Liberal Arts and Sciences  
 GARY NORMAN BAUGH

JESSICA MARGRIT HAHN  
 IRENE JOAN LEFTON  
 YOLANDA MARIE SMITH  
 JAMES STEVEN STITT  
 ROBERTA LEA THORNBURG  
 ANITA LOUISE WORBY

#### **Degree of Bachelor of Science**

##### *In Chemical Engineering*

RICHARD CHALON AIKEN, High Honors in Liberal Arts and Sciences with Highest Distinction in the Curriculum  
 JOHN MORGAN GUCCIONE  
 EDWARD CHARLES HAUN  
 BARRY KENNETH HECKMAN  
 GEORGE CARL KINSTEDT, High Honors in Liberal Arts and Sciences with Distinction in the Curriculum  
 DONALD EARL LEARY  
 JOHN ROBERT LECOMTE  
 SIDNEY ROBERT MILLER, High Honors in Liberal Arts and Sciences with High Distinction in the Curriculum  
 DAVID RICHARD NOVY

HARLAN JAMES RICHARDS, High Honors in Liberal Arts and Sciences with Distinction in the Curriculum  
 WILLIAM ARTHUR SCHNEIDER, High Honors in Liberal Arts and Sciences with High Distinction in the Curriculum  
 LOREN BENNETT SCHREIBER, High Honors in Liberal Arts and Sciences with Highest Distinction in the Curriculum  
 PAUL McDONALD STIFEL  
 TERRY WILLIAM TIMM, High Honors in Liberal Arts and Sciences with High Distinction in the Curriculum

*In Chemistry*

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 ANNE LOUISE CAHILL, High Honors in Liberal Arts and Sciences with Highest Distinction in the Curriculum  
 LINDA CHAO  
 TIMOTHY EDWIN CUMMINGS  
 GARY GASTON DEGRANDE, High Honors in Liberal Arts and Sciences with Highest Distinction in the Curriculum  
 STEPHEN ELLIOTT DOMINICK  
 DAVID LEE ERBES, with Distinction in the Curriculum  
 JOYCE KAREN GORDON  
 PETER GARN HYDE  
 RICHARD LOUIS KLOBUCHAR, High Honors in Liberal Arts and Sciences with High Distinction in the Curriculum  
 JIM I. MCCLURE, High Honors in Liberal Arts and Sciences  
 JAMES KEITH MCKECHNIE, High Honors in Liberal Arts and Sciences

ROBERT RAYMOND MERKEL, High Honors in Liberal Arts and Sciences with Highest Distinction in the Curriculum  
 PETER BERNARD NAVIN, Honors in Liberal Arts and Sciences  
 FRANKLIN GEORGE PATER  
 SUSAN CAROL PATTERSON, High Honors in Liberal Arts and Sciences with Highest Distinction in the Curriculum  
 LAWRENCE BARRY SCHWARTZ, High Honors in Liberal Arts and Sciences with Highest Distinction in the Curriculum  
 MARY LOUISE SEIBERT  
 WILLIAM CLAYTON STRATTON, High Honors in Liberal Arts and Sciences with Highest Distinction in the Curriculum  
 BARRY WARREN SUFRIN  
 CHARLES MAC VAN VALKENBURG, High Honors in Liberal Arts and Sciences with Distinction in the Curriculum

*In Geology*

JAMES CARL ENGSTROM

*In Home Economics*

HELEN ANNE BOJANOWSKI  
 CAROL DORIS OWEN  
 JANE ELIZABETH SCHRIVER, High Honors in Liberal Arts and Sciences

MARILYN JEAN SCHUMM, High Honors in Liberal Arts and Sciences

*In Liberal Arts and Sciences*

LEONARD JOSEPH ADRIGNOLA, Jr.  
 LEWIS GRANT ALLEN  
 RONALD STUART ALPERN  
 DAVID RAY ANDERSEN  
 ROBERT ALTON ANDERSON  
 RONALD DAVID ANDERSON  
 THOMAS CARL ANDERSON  
 SUSAN KUHLMAN ANDREWS  
 MORRIS DAVID APPLEBAUM  
 ROSS ALAN AREND  
 THOMAS SCOTT ASBURY  
 JOHN GEORGE ASCHOFF, High Honors in Liberal Arts and Sciences  
 CATHERINE MAE BACH, Honors in Liberal Arts and Sciences  
 BRUCE DONALD BADENOCH  
 MICHAEL DANE BAIRD  
 PETER ALAN BARDWICK  
 ROBERT KNIGHT BARGER  
 MARILYN GAIL BARRETT  
 SUSAN LORRAINE BARRY, High Honors in Liberal Arts and Sciences  
 MURRY ALAN BASS, High Honors in Liberal Arts and Sciences  
 GLENN AUBRY BAUM, Honors in Liberal Arts and Sciences  
 HAROLD GLENN BECKER

LINDA HOPE BECKER  
 ELLIOTT DAVID BEDOWS  
 STEVEN PAUL BEILSTEIN  
 RICHARD PAUL BEIN  
 STEPHEN MARK BELLER  
 GEORGE AUGUSTUS BELLESON  
 JOSEPH PAUL BELMONT, Jr.  
 EDWIN HOWARD BENN  
 ELIZABETH ANN BENNETT  
 LELAND NATHAN BENSON, with Distinction in Physiology  
 MICHAEL LAWRENCE BERBAUM, High Honors in Liberal Arts and Sciences with High Distinction in Psychology  
 PAMELA PAGE BETTS  
 NOVA MAC BICKELL  
 DONALD MERLE BIRD, High Honors in Liberal Arts and Sciences  
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 KATHERINE PALMER BLAIR  
 JACK BENJAMIN BLAKEMAN  
 NORMAN MARK BLOCK  
 RICHARD ALAN BLOCK, High Honors in Liberal Arts and Sciences  
 BARBARA ANN BODY

- DAVID ALAN BOBZNICK, High Honors  
in Liberal Arts and Sciences with  
Distinction in Honors Biology  
 RICHARD NEAL BOLNICK  
 JULIE EILEEN BONAS  
 DAVID HENRY BORDEAUX, High Honors  
in Liberal Arts and Sciences  
 JAMES PAUL BORGSTEDT, Honors in  
Liberal Arts and Sciences  
 JAMES ALBERT BOSKEY  
 EDWARD MICHAEL BOSS  
 WILLIAM JAMES BOSTROM  
 RICHARD DANIEL BRAND  
 ALAN DAVID BREITOWICH  
 GERARD MARTIN BREITZER  
 KIRK PALMER BRESEE  
 ELVIN LELAND BRODE, JR.  
 BARBARA JEAN BROOKMAN  
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Arts and Sciences  
 KENNETH ALLEN BURMAN  
 STEPHEN DALE BURROWS, High Honors  
in Liberal Arts and Sciences  
 SHARON LEE BURY  
 JAMES MARTIN BUTLER  
 FLOYD CHARLES BYERLY  
 DONALD LAWRENCE CALEBAUGH  
 ETHELYN MILDRED CALLION  
 JEFFREY ROBERT CANHAM  
 MICHAEL ALAN CANTRELL, High Hon-  
ors in Liberal Arts and Sciences  
 CHRISTINA ANNE CAPERELL  
 JAMES FERDINAND CARAVELLI, Honors  
in Liberal Arts and Sciences  
 SHARLENE HELEN CARLSON  
 FRANKLIN DEAN CARR, High Honors in  
Liberal Arts and Sciences  
 RONALD FLOYD CARR  
 MARK JAMES CATLETT  
 JAMES SHIN-SIN CHANG  
 JERROLD CHERNOW  
 ANDREA JOYCE CHESZEK  
 GEORGE MIN CHIN  
 RICHARD YING CHIN  
 JOHN HADLEY CHRISTIANSEN, High  
Honors in Liberal Arts and Sci-  
ences with High Distinction in  
Astronomy  
 GARY RICHARD CHURCHILL  
 MARY LYNN CIPRIANO  
 DONALD WAYNE COATS  
 STEVEN RAY COLWELL  
 CAROLYN LOUISE COON  
 DAVID MARTIN COOPER  
 ROBERT BERNARD COOPER  
 JOHN THEODORE COTTINGHAM, High  
Honors in Liberal Arts and Sciences  
 SUSAN LOUISE COURTNAGE, High Hon-  
ors in Liberal Arts and Sciences  
 CURTIS LYNN CRAMER  
 EDWARD WILLIAM CRONAU  
 CHARLES GREGORY CULBERSON  
 ROBERT EDWARD CURRIE  
 CARLA BARR CUTLIP  
 KENNETH JOSEPH CZWORNIAK, High  
Honors in Liberal Arts and Sci-  
ences with Highest Distinction in  
Chemistry  
 ROBERT BROUGHTON DAGGETT  
 STEPHEN ALLAN DAHL  
 DIANE LYNN DAMOS, High Honors in  
Liberal Arts and Sciences with Dis-  
tinction in Psychology  
 JAMES ROBERT DAMOS  
 ROBERT BRUCE DANLEY  
 LANA ELAINE DARR  
 WILLIAM ARTHUR DARR, Honors in  
Liberal Arts and Sciences  
 MARY THERESE DASSOW  
 ERNEST EDMUND DAVIS  
 JEAN ANN DAVIS  
 LINDEN GLENN DAVIS  
 WILLIAM CECIL DAVIS, JR.  
 MICHAEL THOMAS DAY, Honors in Lib-  
eral Arts and Sciences  
 DIANE MARIE DE BRUYCKERE  
 WILLIAM MICHAEL DENNIS  
 MICHAEL ROBERT DEWAN  
 ROBERT JOHN DIEHL  
 LOUIS JAMES DIZIKES  
 DIANE FRANCES DONASH  
 MICHAEL WILLIAM DRAKE  
 LILLIAN BALAZS DUBKIEWICZ  
 MICHAEL CLAIBORNE DUVAL  
 ERIC LEE DYER, High Honors in Lib-  
eral Arts and Sciences with High  
Distinction in Zoology  
 RUTH LYNN EDELMAN  
 CAROL SHARON EGEL, Honors in Liberal  
Arts and Sciences  
 RANDALL BRUCE EHLERS  
 HAROLD DAVID EICHINGER  
 JAMES GEORGE EKEBERG  
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 SHARYN GAIL ELLMAN  
 MARY KAY EMERY  
 RONALD JULES EMRICH  
 VICTOR JOSEPH ENCHELMAYER  
 ALAN LINDSAY ENGELBERG, High Hon-  
ors in Liberal Arts and Sciences  
with Distinction in Physiology  
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 LARRY WILLIAM EVERS  
 JOHN HOUSTON EWTON, Honors in Lib-  
eral Arts and Sciences  
 DIANNE LYNN FAFOGLIA  
 ROGER ALAN FARMER, High Honors in  
Liberal Arts and Sciences  
 BRADLEY THEODORE FEDOROW  
 CHRIS ALLAN FERRILL  
 MICHAEL BRUCE FINGER  
 WENDY LYNN FINK  
 ROBERT COE FINLEY III, High Honors  
in Liberal Arts and Sciences  
 JOAN CLARE FINNO  
 WILLARD JOHN FISCHER  
 DAVID ELON FISHER

- DAVID SCOTT FISHER  
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 THOMAS HALE JONES, B.A., Southern Illinois University, 1967  
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 LEROY CARL HAROLD KLEMT, B.A., St. Olaf College, 1967  
 THOMAS LEWIS KNIGHT, A.B., MacMurray College, 1967  
 RICHARD ALFRED KUIKEN, A.B., 1967  
 MANNY MARK LAPIDOS, A.B., 1967  
 DANIEL CHARLES LOONEY, B.B.A., University of Notre Dame, 1967  
 JIM DORSETT LUCIE, B.S., Western Illinois University, 1965  
 ROBERT WILLIAM MAGGS, JR., B.A., Claremont Men's College, 1967  
 LEGRAND LYNN MALANY, B.S., 1964  
 ARTHUR LEWIS MANN, B.S., 1967  
 STEPHEN JOSEPH MATTSON, A.B., 1965; Honors  
 DENIS ANTHONY McGRADY, JR., B.S., 1967  
 CARL CARSTEN MEIER, B.A., University of Notre Dame, 1966  
 ALAN LEROY METZ, A.B., 1963; Honors  
 BRUCE DENEEN MEYER, A.B., 1967; Honors  
 BARRY RIXMANN MILLER, B.S., 1967; Honors  
 RICHARD ALAN MILLIGAN, A.B., 1963  
 FRED BENJAMIN MOORE, B.A., Eastern Illinois University, 1967  
 JOHN JORDAN MOORE, B.A., St. Louis University, 1966  
 WILLIAM ALBERT MOORMAN, A.B., 1967  
 CHRISTOPHER DAVID MURTAUGH, A.B., 1967  
 FREDERICK JOHN NAFFZIGER, A.B., 1967  
 JAMES MICHAEL NORTON, B.S., 1967  
 DANIEL CLARE O'MEARA, B.S.B.A., Marquette University, 1967  
 CAROLE ANN PAYNE, B.A., Denison University, 1967  
 JOHN HOWARD PERCY, B.A., Claremont Men's College, 1967  
 DONALD FREDERICK PETERS, JR., B.A., University of Notre Dame, 1967  
 WILLIAM CARL POSTERNACK, A.B., 1967  
 ROBERT LYNN POTTS, B.S., 1967  
 ALLEN LEONARD RAY, A.B., 1967  
 GEORGE RAYMOND RIPPLINGER, JR., A.B., 1967  
 WAYNE BARRY ROBERTSON, B.A., St. Ambrose College, 1967  
 MICHAEL JAMES RYBICKI, B.A., St. Procopius College, 1967  
 JEFFREY PAUL SAMUELS, A.B., Western Reserve University, 1967  
 DENNIS MICHAEL SARSANY, B.S., 1968  
 DAVID WHARRY SCHIFFRIN, B.S., University of Pittsburgh, 1967  
 PAUL GERALD SCHOEN, B.S., Southern Illinois University, 1967  
 DAVID JOHN SCOTT, A.B., MacMurray College, 1967  
 DAVID MORRIS SMITH, A.B., 1967  
 ROBERT DENTON SMITH, A.B., Monmouth College (Illinois), 1967  
 CHARLES WILLIS SNYDER, B.A., M.A., Bradley University, 1967, 1969  
 STEPHEN OTTO SONDERBY, B.A., Lake Forest College, 1967  
 JUDITH ANN STEWART, A.B., 1967  
 CURTIS LEE STINE, B.A., Miami University, 1966; Honors  
 PAUL LEE STONE, B.S., 1967  
 RICHARD LYNN STUMM, B.S., 1963; Honors  
 RICHARD JOHN SYGULLA, B.S.A., Bentley College of Accounting and Finance, 1967  
 TIMOTHY RAYMOND THOMAS, B.S., 1967  
 DAVID LEE THOMPSON, B.A., St. Louis University, 1967  
 ALAN CLOYCE TORGERSOHN, B.A., Northern Illinois University, 1967  
 DAVID ERNEST TUNGATE, A.B., 1967  
 STANLEY WATERS WILCOX, JR., A.B., 1967  
 OWEN RHYS WILLIAMS, A.B., Olivet College, 1966  
 DAVID J. WITHEFT, B.A., Northern Illinois University, 1967  
 DANIEL THOMAS WOODRUFF, A.B., 1967  
 HAROLD ODELL WRIGHT, JR., A.B., 1967  
 ROBERT FRANKLIN WROBEL, B.S., 1967  
 ALLAN LEE YUSIM, B.S., 1967  
 GERALD MARTIN ZOPP, JR., B.S., Loyola University (Illinois), 1967

#### COLLEGE OF EDUCATION

##### Degree of Bachelor of Science

##### *In the Education of the Deaf*

CYNTHIA MARYA BRENNIA  
 CONSTANCE RENA CHILDS  
 SHARON LEE KILKENNY

PENNY ANN PORTER  
 SUSAN L. RICHMOND  
 DIANTHA ZIBMAN, Honors

*In the Education of Mentally Handicapped Children*

MARTHA JANE BAILEY, Honors	ANITA HELENE SACKLER
KATHERINE SUSAN BEAUMONT	PAULETTE HELEN STANER, Honors
PAMELLA JANE BITTLE, Honors	BONNIE LYNN SUGAR
ALICE MARIE BOURNE	JULIA BUTLER THOMAS, Honors
AUDREY SUZANNE GAMM, High Honors	AMY KAY WILLIAMS, Honors
MARGARET EMMA KACH, High Honors	BARBARA LYNN WILSON
SANDRA KAY MCWETHEY	BARBARA DIANE WIMMER, Honors
NANCY LEE NYSTROM, High Honors	RENEE A. ZELAC
PAMELA ANNE PTASZYNSKI, Honors	

*In Elementary Education*

VIVIAN ACKINS	CAROL HOFBAUER HELD, Highest Honors
VELVI GIGLIO ADEN	SHERRY CREININ HELFER
TRUDY SUSAN ADES, Honors	SUSAN ELAINE HELMAN
MARTHA JO AIELS	JUDITH ANN HIGHLEY
LINDA SUSAN AKERS	MARILYNN KAY HINNERICHS
LYNN ADELE ANDERSON	ELOISE NORMA HOUSTON
SUSAN AVRUCH	JACQUELINE ROOK HUPFER
ADRIENNE JOYCE BARBAKOFF, High Honors	MARY ELLEN HURLIMAN
NITA SIMON BARSHEFSKY	ROBERTA LYNN JAEGER, Honors
JUDITH SCOTT BILYEU, High Honors	BARBARA JO JERDEN
ADRIENNE MARCIA BIRNEY	HELEN RUTH JOHNSON
JOYCE EVELYN BREWE	JANICE LYNN JOHNSON, High Honors
SARAH CRAY BRIELER	LINDA HOHMANN JOHNSON, Honors
MARGARET LOUISE BRIGGS, Honors	JUDITH DEBORAH KAHN, Honors
CONSTANCE JEAN BROOKS	MARIE ROESLER KELLY
JUDITH LYNN BUFFEN, Honors	MARLENE K. KIRINCICH
BARBARA JO BURGHARDT, Honors	PAMELA ROGAS KOLMAN
CAROL MARIE CADEK, Honors	PATRICIA LYNN KONIG
CATHY LYNN CAMPBELL	PENELOPE ANN KOPP
EVELYN MARGRET COLOSKY	CHRISTINE AGNES KOPITZ
SANDRA KAY COOK	ANITA MARY KOTARBA, High Honors
MARY FRANCES CORRIGAN	GEORGIA ANN KOUROUPAS
DIANE MARGARET COX	KAREN MARY KRAUSE, Honors
KATHLEEN RAE COX	JILL LESLIE KULWIN
JOLENE BERNICE CYGAN, Honors	RONNA M. KURTZ
CAROL MCCALLISTER DAFFERNER	ANNE WHITNEY LACE
BONITA LAW DALY, Highest Honors	HELEN VICTORIA LAWRENCE, Honors
KATHARINE LEIGH DEHEN	LINDA FERN LAWRENCE
KATHLEEN ELLEN DEPKE, Honors	BARBARA WILLIAMS LEDUC
SHARON MAE DISHKIN	LINDA HASKELL LEVICK, Honors
NANCY GEORGIA DRUMMOND	ALVA IRIS LIBERT
JUDITH MARILYN EPSTEIN, Honors	NANCY CAROL LINSKY
BARI JOYCE FEINGOLD	LESLIE FAITH LIPSCHULTZ, High Honors
MARILYN PEARL FELDMAN	KATHLEEN ALYCE LYNCH
JANET SUE FISHMAN	DIANE SCHEFFNER MAHACHEK, Honors
CAROLYN JOYCE FRIEND	CATHY BUCHBINDER MANDLER
RENA LIBBY GAYNOR	MAUREN SUE MANUS
JANE MARIAN GILCHRIST	NANCY ROSE MARTIN
MARJORIE LYNN GOLD, High Honors	ARLETTE FLORINE MAYER
LYNN KARON GOLDMAN, Honors	ELSIE BARTLETT MCGILL
ANN GOOD	JUDITH ANN MELVIN
MARCIA ANN GORDON, Honors	MARY LINDA MILLER
MARY JANE GRAHAM	MARGARET SICHTA MISEK
BARBARA LANE GRAVES	MICHELE SUSAN MOLINE
CATHY JO GREENWALD	GLORIA DARLEEN MOORE
NANCY RITTER HANOVER, High Honors	MARY LOU MUNNO, High Honors
IRL D HARBOUR, JR.	EVA KATHLEEN MURPHY
ROSALIE MARIE HARTWEGER, Honors	ROXANNE KAY NOREM, High Honors
JUDITH FISCHER HAYDEL	BARBARA ANN NOVAK, Honors
DIANNE SOPHIA HEDRICK	ROBERTA JOYCE PACKER, Honors

RUTH ELIZABETH PARAS  
 KATHLEEN E. PETRYSHYN  
 SHARON RUTH PODOLSKY  
 JUDITH KATHRYN POMERENKE, Honors  
 MARY ELIZABETH PORTER  
 CHERYL LYNN PRATHER  
 IRENE GORDON PRITZKER, Honors  
 MARCY BERYL RAGINS, Highest Honors  
 MRIGNAINI N. ZAITOON RAHIM  
 ROSEMARY ANN REAY  
 TERESA NAN RUNKLE, Highest Honors  
 CAROL ANN RUSSELL, Honors  
 DIANE MARIE SAFARCYK  
 JEANNE ELAINE SAPORA, High Honors  
 HELENE SUSAN SAVAGE  
 JENNIFER ANN SCHAEFFER, Honors  
 GAIL JOYCE SCHLAPP, High Honors  
 ELIZABETH JUNE SCHOOLEY, Honors  
 REBECCA REGINA SECEMSKY  
 DOROTHY VICKERS SHELLEY  
 CAROLYN LEE SHERE  
 VIVIAN ADELE SHERMAN, Honors  
 LINDA FAYE SIEGEL  
 SHERRY JO SIEGEL

BEVERLY BRITTON SILKWOOD, Honors  
 TERI ELLEN SILVERMAN  
 CAMILLA ANN SMITH  
 KATHLYN KLING SMITH  
 JOLENE MYERS SPANO  
 DONNA MARIE STANISH  
 ELIZABETH LINDA STAROSTA  
 MICHELE MARIE STOLARIK  
 SUSAN MARIE STROMBERG, Honors  
 SYLVIA JEAN STURM  
 BARBARA ANN SZOT  
 VALERIE ANN TREADMAN  
 KAY LOUISE VAN GILDER, Highest Honors  
 KATHY RAUSER VOGEL, High Honors  
 MARY ELIZABETH VOLAND  
 LYNN GAIL WASSEL  
 BARBARA MEREDITH WEIGEL, High Honors  
 JANANNE RAE WESSEL  
 BARBARA ANN WESSELS  
 MARLO ANN YELLEN  
 SANDRA KAPPMAYER ZANDER

#### *In Industrial Education*

GARY CHARLES DRONE  
 FREDERICK ERNEST FANDLER  
 TILDEN LAVERE FLEENER  
 DAVID WILLIAM HAGEN, Honors

CARL MARTIN HAY, Honors  
 PHILLIP WAYNE HINCHEE  
 FRANK HUNTER

#### *In Secondary Education*

SUSAN ELIZABETH AHNGER  
 SUSAN MIRIAM ATLAS  
 MARY KAYE BASS  
 GAIL JEAN BERKENSTADT, High Honors  
 CHERYL LYNN BIERZYCHUDEK  
 JANET LOUISE BLOOM, High Honors  
 JUDY LANIE BURROUGHS  
 GARY REGINALD CADWELL  
 EUGENE LEONARD CARLSON  
 MARY EVELYN CLEVINGER  
 ROBERT CLYDE CUMMINGS  
 KATY ANN CUNNINGHAM  
 DENISE ANNE DAUGHERITY  
 ELMER DALE FERRELL  
 BARBARA RIEKER GRANDT  
 CAROL DIANE HANSEN  
 CAROL JEAN HELM, Honors  
 JOY KAY HOLLINGSWORTH, Honors  
 MARIGENE RUMBAUGH HUTTON  
 CHRISTINE DIANE KESLER

MYRTLE UNDERWOOD KNIGHT, Honors  
 MARY KATHERINE KYRIAZIS  
 LAIRD DEAN LAWLYES  
 JOAN LESMEISTER, High Honors  
 NANCY LYNN LUST  
 MARTHA MARIE MADDOX  
 ELIZABETH FISCHER MAHONEY  
 BARBARA MCDANIEL, High Honors  
 GEORGE EDWARD MILKOWSKI  
 FRANCES MAIN MOORE, High Honors  
 BARBARA FRANCES OLIC  
 SHARON AILEEN PAMPE  
 YVONNE CECILIA QUIRIN, High Honors  
 CASEY SCOTT RZECZULA  
 KATHLEEN RINKENBERGER SUTTER, Honors  
 VIRGINIA POOLE THELIN  
 WILLIAM BERAN VOKAC  
 BARBARA RUTH WERNER

### COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION

#### Degree of Bachelor of Science

##### *In Accountancy*

JON STEPHEN ACORD  
 GARY WARREN AGREST  
 JAMES WILSON ANDERSON  
 SANDRA KAY ANDREWS  
 MARILYN JOYCE BARNES, High Honors  
 LINDA MARET BECKER

ROSS MYRON BLACKBURN, High Honors  
 JOHN RICHARD BLANCHARD, Honors  
 TERRY LEE BOLLMAN, Honors  
 PETER LYNN BOWER  
 GORDON WILLIAM BRENNE  
 RAYMON MICHAEL BROWN, Honors



RUTH ANN RICHARDSON BURKYBILE  
 THOMAS EDGAR BURNS  
 LINDA FAITH BURRUSS  
 ROY NICHOLAS BURTON  
 JOSEPH DENNIS CAREY III  
 BARNEY RAY CARGILE, High Honors  
 JAMES MARTIN CONLON  
 FRANK EUGENE COZART  
 RANDY ALLEN CUNDALL  
 CRAIG ADAM DABROSKI  
 JOHN JOSEPH DeLUCA  
 JOSEPH JOHN DEMPSEY  
 MARSHA LYNNE DEXTER  
 LEO ALBERT DIETER  
 RICCARDO MICHAEL DiVITO  
 STANLEY HERBERT FINGERHUT  
 PATRICK JAMES FORBER  
 NORMAN RAY FRANTZ  
 JAY HERBERT FYIE, High Honors  
 DANIEL SIDNEY GARDNER  
 HAROLD CREED GILLEY, JR.  
 MARK CHANDLER GOLDENBERG  
 RONALD WADE GUSTASON, High Honors  
 ARTHUR ROBERT GUTSHALL, High  
   Honors  
 RICHARD JAMES HAAS  
 EUGENE LOUIS HAMEISTER  
 ANTHONY FRANK HARMON  
 MARC RICHARD HELLER  
 ARNOLD HENNING  
 DAVID EDWARD HILQUIST  
 AUSTIN LOUIS HIRSCH, High Honors  
 MARY ANN HOAGLAND  
 ROGER HAMLIN HURST  
 ROBERT JOHN IVANUSKAS  
 JAMES JOSEPH JIAMBALVO  
 RICHARD PAUL JOHNSON, High Honors  
 JAMES BARRY KAHAN  
 MARSHALL JAY KATZ  
 FRANCIS DOUGLAS KELCH  
 DAVID MARK KOCH  
 PAUL ANDREW KOURIS, JR., Honors  
 JOHN CHAPMAN LANHAM, JR.  
 BRUCE COBURN LAYER  
 LESLIE THEODORE LEDERER  
 IRWIN HOWARD LERMAN, Honors  
 MARK ALAN LUSCOMBE, Highest  
   Honors  
 CHARLES CHAN LEE MA  
 JAMES JOSEPH MACKKEY  
 DOUGLAS DEAN MANNERING, High  
   Honors  
 REBECCA SUZANNE MASKEY, Honors  
 ROLLA CLARK MASONBRINK  
 DAVID WILLIAM McCONNELL  
 GARY DOUGLAS MEYER  
 STEPHEN TAYLOR MEYER  
 RICHARD ANGELO MICHI, Highest  
   Honors  
 RICHARD JOSEPH MITS DARFER, High  
   Honors  
 JAMES PATRICK MURPHY, High Honors  
 KENNETH MICHAEL MURPHY, Honors

STEVEN EUGENE MUSGROVE  
 DOUGLAS WILLARD NELSON  
 JOHN ALAN NEWHOUSE  
 GILBERT BROWNING NORMAN  
 RICHARD ALAN NUNEMAKER  
 LAWRENCE KENNETH OHM  
 STEPHEN ROBERT OLINCY  
 BRIAN JAMES O'MULLEN  
 WILLIAM RICHARDS ORNER  
 TERRY ANN PARKS  
 DAVID BRUCE PATTON  
 AUGUST ANTHONY PERRY  
 JAMES MARTIN PETERSON  
 JOHN ERNEST PFAU  
 LAWRENCE JOHN PIANO, Highest  
   Honors  
 MICHAEL RICHARD REDEMSKE  
 JO ANN REINHARDT  
 ROBERT ROTH RENFREW  
 ROBERT FLOYD RENNER  
 KENNETH DALE REUTTER  
 FANNY ADELA REYLER, Honors  
 RONALD ANTHONY RINDONE  
 ROBERT JOHN ROGOWSKI  
 MICHAEL ABRAM ROSEN  
 JOHN DAVID ROSS, High Honors  
 KENNETH EUGENE ROY  
 GILBERT HAVEN SAIKLEY, High Honors  
 SCOTT CARY SANDS  
 PERRY BRUCE SCHECHTMAN, Honors  
 HERBERT L. SCHMIDT  
 JULIAN LUIS SEVILLANO  
 DAN ALLEN SHANER, Honors  
 NEAL GLENN SHOGER  
 WILLIAM JOHN SHOWTIS  
 BRENT M. SIEGEL  
 MARC STEVEN SIMON  
 DAVID ELWIN SOUTHARD  
 THEODORE ROBERT SPENN, Honors  
 PATRICK STASIAK  
 DENNIS MICHAEL ST. GERMAIN  
 MORRIS ARTHUR SUNKEL  
 RAY FLETCHER SWANSON  
 DANIEL THOMAS TALLANT  
 ELLYN RESSER TANENBERG, Honors  
 TIMOTHY LYN THEESFELD  
 JEAN ELLEN TROMPETER, High Honors  
 LeROY LEWIS VAN ANTWERP  
 MICHAEL THOMAS VOEGTLE  
 FRANCIS MICHAEL WAGNER  
 CHARLES ROBERT WALLACE  
 ROBERT LAWRENCE WARD  
 VICTOR LYNN WEATHERS  
 GLENN CHARLES WEBER  
 JOHN ROBERT WEIDNER  
 STANLEY HOWARD WEINSTEIN  
 ROBERT AVERY WEISMAN  
 GEORGE LEONARD WESTENBERGER III  
 DOUGLAS LEE WHITMAN  
 GREGORY STUART WILSON  
 STEPHEN CARL WYFFELS  
 THOMAS EDWARD YAXLEY  
 THOMAS ALLEN ZABEL

*In Commercial Teaching*

ELIJAH ALAN BELL, Honors  
ORA SUE CHENAULT, High Honors  
PAMELA JOYCE NIZIOLEK

EDITH ROBINSON TERWILLIGER, Highest Honors

*In Economics*

JOHN STUART ADLER  
JOHN EDWARD CODD, Honors  
EVELYN LÓPEZ DÍAZ  
JAMES BENNETT HAGERBAUMER  
JEROME EDWIN LEE  
KEVIN PATRICK MORRISON  
DAVID JAMES NESLER

ELLIOT SCHWARTZ  
DAVID JOEL SHMIKLER  
JOSEPH EDWARD STANTON  
ALBERT LEE THOMAS  
LAWRENCE RICHARD THOMPSON  
BRUCE WAYNE WETTMAN

*In Finance*

DENNIS CHARLES ANDERSON  
MICHAEL PETER ARAMOVICH  
OWEN THEODORE AUTRY  
LOUIS PHILIP BARON  
JOHN FRANK BONETTI  
ARNOLD ALFRED BUEHLER  
ROBERT EARL BUSCH II  
STEPHEN MICHAEL CANNON  
RICHARD ALAN CRANE, High Honors  
WILLIAM FRANKLIN ELDRIDGE  
JOHN WILLIAM EYLER  
MICHAEL RAY FAYHEE, Highest Honors  
MARC ELDON FUCHS, Honors  
ALBERT JOSEPH GARDNER  
HARRY WILLIAM GLASSMAN  
EUGENE GRANDONE  
THOMAS MICHAEL GUNKELMAN  
GEORGE ROBERT HARRISON  
THOMAS WILLIAM HARWIG, Honors  
JOSEPH MAYER HAZAN  
SVEN OLAF HEGSTAD, Highest Honors  
ALLEN DOUGLAS JONASSEN  
ROBERT MICHAEL KELLY  
RONALD CLAUDE KOK-ALBLAS  
SCOTT ANDREW KRACEN  
DAN WARREN KRCHAK  
DAVID CHARLES LEONARD  
LEONARD PHILLIP LEWICKI

DAVID JOHN LEWIS, Honors  
MICHAEL DAY LINDSEY  
ROBERT CARL LUND  
VERNON GAYLE MARTENS  
MICHAEL JOSEPH McNICHOLS, High Honors  
CARLTON ERNEST MEYER  
CATHLEEN MARY MICHAELS  
THOMAS WAYNE MOSS  
WILLIAM JOHN NOLTE  
DAVID GILBERT O'LEARY  
GARRY ALAN OLSON  
RAYMOND FRANCIS PODJASEK  
STUART WALTER PYHRR  
WARREN ARTHUR RAYBOULD  
PAUL HOWARD RUFF  
STEPHEN EUGENE SCHERER  
HERBERT JACQUEMIN SLIGER, JR.  
ROBERT STANLEY SMOLEN  
STEVE ALAN SOLDWEDEL  
DAVID BURTON STUMPF  
RICHARD MICHAEL SUDDER  
HENRY CARL SZESNY, JR.  
DANIEL ALFRED THOMAS  
DALE ROY TURNER  
MITCHELL ALAN WEISS  
THOMAS ALLEN WINTER

*In Industrial Administration*

JEFFREY EARL ABLIN, High Honors  
JOHN JAMES BARBER, JR.  
WILLIAM JAMES BRINKMANN  
JAMES ALBERT CHASE  
HOWARD ANTHONY HAYES  
JOHN ROLAND HILBERT  
WILLIAM BRUCE JARRETT  
LANA CARLEEN JOHNSON  
DONALD ALAN LEGEL  
ANTHONY NICHOLAS LUCZKIW  
GARY ROBERT MARTIN  
CHARLES LANDON PARVIN, High Honors  
ERNEST WARREN RAYBURN  
REX ALLEN RENFREW

MICHAEL IRWIN ROCKOFF  
DAVID ROBERT SCHRADER  
JAMES LEO SCHULTE  
CARL EUGENE SIMPKINS  
H. RONALD STOFFEL, Honors  
EUGENE W. STOKVIS  
WILLIAM LAWRENCE TARNEY  
THOMAS JAN THOMAS  
JEROME RUDOLPH TIKALSKY  
TIMOTHY ROBERT TUGGLE  
PHILIP ROGER VOSE  
GARY LEE WEIMER  
JOHN MICHAEL WELSCH  
MARSHALL DENNIS WHITE

*In Management*

BARBARA ALENE ANSTIN

HILAIRE JOSEPH LAVIGNE, JR.

*In Marketing*

ROBERT LEE ANGLES, High Honors  
 JAMES JOSEPH BEJROWSKI  
 JAMES RUSSELL BIELLER  
 DENNIS MICHAEL BLAKE  
 DENNIS VARNER BROWN  
 BRUCE JAY BURTON  
 DAVID CARL BUSCH  
 THOMAS JOSEPH CALZA  
 ROBERT JOHN FELDMAN  
 JAMES EUGENE FIEGEL  
 DAVID JAMES HAHNENSTEIN  
 RICHARD BRIAN HALLY  
 STEVEN MERRILL HARSCH  
 JOHN WESLEY KOZYAK, Honors  
 RALPH HENRY LOEWENSTEIN, Honors

MICHAEL JAMES LYTLE  
 CHARLES ALAN MARSHALL  
 ROGER FRED MEYER  
 LUKE JOSEPH MORETTI  
 GARY LYN POLESKEY  
 LEO MICHAEL QUICK  
 WILLIAM FAIRBANKS RICHARDSON  
 RICHARD HENRY SCHINDEL  
 MARILYN ANN SCHWARZ  
 FRIEDMAR FRANZ SMUDA  
 DENNIS JOSEPH STEPHENSON  
 THOMAS POWELL VISKNISKI  
 JAMES PATRICK WAGNER, Honors  
 SUSAN CAROL WAYHAM  
 DOUGLAS AMOR WILLIAMS

## COLLEGE OF COMMUNICATIONS

## Degree of Bachelor of Science

*In Communications*

GAIL LESLEY ADERHOLD, Honors  
 AMY LOUISE ALTMIX  
 PAUL CHARLES ANZINE  
 CECELIA MARY BANACH  
 DOROTHY LEE BARBER, Honors  
 JAYNE WEEKS BARNARD, Honors  
 ROBERT EARL BATES  
 MARCIA ELAINE BAUMSTEN  
 STANLEY MARK BEDOWS  
 JEAN CAROL BERG, Honors  
 RONALD KEITH BISPLINGHOFF  
 BRUCE GENTRY BLAIR  
 WILLIAM DAVID BLANKENSHIP  
 JOHN GEORGE BLUCK  
 BARRY R. BLUE  
 MICHAEL LEE BRACKEN  
 MARYLYN PATTON BRADLEY  
 JACQUELYN ANN BRETT  
 ROBERT TODD BRINKMAN  
 BRENT ABRAHAM BROTIME, High  
 Honors  
 MICHAEL GORDON BROWN  
 COLLEEN MARGARET BUCKLEY  
 SAMUEL WHITNAH CAMPBELL  
 JOHN MICHAEL CARMEN  
 ELISE BARBARA CASSEL  
 MICHAEL FRANK CHAZIN  
 GEOFFREY CHEADLE, JR.  
 LINDA LEE COHEN  
 JULIE STOUT CONNER  
 BELINDA FRUCHTL CORNER, Honors  
 FRED STACER COX  
 JOHN THORNTON DAVIS  
 LEE ALLEN DEFOREST  
 FRED DYBA  
 FREDERICK GEORGE EATON  
 ALAN H. EISENSTEIN  
 JOSEPH PETER ENNENBACH  
 PATRICIA MARIE EPLIN  
 BARBARA SUZANNE EPSKY, Honors  
 PHYLLIS INET FAVUS  
 DONNA IRWIN FERGUSON, Honors

MARGARET ROSE FERROLI  
 LINDA FERNE FINKEL  
 STUART ALAN FOX  
 NANCY JANE FRANK  
 DAVID ALLEN FRENCH, Honors  
 BARBARA SHERRI FROST  
 MICHAEL ALAN GADSBY  
 BARBARA ANNE GORMAN  
 JEFFREY GEORGE HALPIN  
 CHARLES WILLIAM HANCOCK, JR.  
 LINDA PICONE HANSEN, Honors  
 MARCIA MENG HARMS  
 ROBERT ROY HARSHBARGER  
 RONALD ANTHONY HECHT  
 STEVEN MICHAEL HECK  
 RICHARD BRIAN HETKE  
 MICHAEL BRUCE HILFRINK  
 JEFFREY ALAN HOPPER  
 JAMES ALLAN HOPWOOD  
 CATHY ANN HURLEY, Honors  
 LINDA SUSAN JACKSON, Honors  
 BRUCE CARLTON JOHNSON, Honors  
 KAY MARIE JOHNSON, Honors  
 WILLIAM MICHAEL JONES  
 PAULA RAE KAHN, Honors  
 NANCY CYNTHIA KAPLOVSKY, Honors  
 KATHLEEN JANET KELLY  
 CHARLES ROBERT KING  
 LOIS JEAN KOCH, Honors  
 VIRGINIA BLANCHE KOPECKY, Honors  
 LAUREL RAUSCHENBERGER KRACEN  
 BARTON MARSHALL LAMB, Honors  
 THOMAS EDWARD LAUE  
 PATRICK JOHN LESTON  
 PAMELA ANN LIPSCHULTZ  
 DAVID KANTER LUCK  
 JAMES RICHARD LUNDGREN, Honors  
 JEANNE CELESTE MARIANI  
 CHARLES GORDON MATTHEWS  
 LESLIE ELLEN MAYORWITZ  
 ROBERT HUGH MCCARRON, JR., Honors  
 MARY ANN MCCORMICK

MARC LANE McMANAWAY  
 NORMAN JEFFREY MEDOFF  
 TONI MARIE MILLIGAN  
 LINDA SUE MITCHELL  
 PHYLLIS ANN MITCHELL  
 ALAN DANIEL MUTTER, High Honors  
 DENIS LEE NAYLOR  
 JANET ANN NELSON  
 JILL VIVIAN NIELSEN  
 THOMAS CARTER NORTON  
 KATHRYN EVE NOSKO  
 EDWARD E. NOVAK  
 DONALD ADAM NYMAN  
 MARTHA ANN PADDICK  
 KATHLEEN CARROLL PALMER, Honors  
 RICHARD FROST PATTON  
 MARJORIE ANN PINC, Honors  
 GARY JAMES PINI  
 KENT EUGENE POLITSCH  
 JOHN WILLIAM PRATER  
 LINDA LEA PROCTOR  
 ANNE RADOSAVLYEV, Honors  
 LINDA JOSEPHINE RALSTON  
 PERRY WILLIS REED  
 RANDALL SCOTT RENSCH  
 DAWN RICCHIO  
 DAN LEO RICHARDS  
 GAIL KAREN ROLAND, Honors  
 NANCY ANN RONALD  
 BONNIE MARIE RUSS  
 IRWIN JAY SALTZ  
 GAIL LINDA SCHALLER

GENE ROGER SCHROEDER  
 STEVEN FREDRICK SIEHR  
 MADONNA MARGARET SILES  
 THOMAS JAMES SLOCUM  
 KATHERINE MICHELLE SNYDER  
 DAVID THOMAS SODEN, Honors  
 ATHINA SPASKOS  
 VIVIAN DAGMAR SPIERS  
 GARY MELVIN STAMM  
 CAMERON LANE STAUTH  
 PHILLIP DOUGLAS STONE  
 SHEILA GAY STOOPS, Honors  
 ELAINE C. STUNGIS  
 EDWARD STEVEN SUCHERMAN  
 WILLIAM THOMAS TABOR  
 IRA TEINOWITZ  
 SANDRA LEIGH TILLROCK  
 GREGORY THOMAS TOWLES, Honors  
 FRANCES ANN URBAN  
 LINDA SUSAN VALIQUET  
 ROBERT HUGH VAN HOESEN  
 ROBERT WILLIAM VAN WINKLE  
 DONALD LESLIE VARYU  
 FRANK JOHN VITEK  
 RUTH ELLEN WALKER  
 STEPHEN MONROE WHEELER  
 GORDON LEE WILLARD  
 MARY VERONICA WINTERS  
 ANDREA JOY WOLLOCK  
 DEANNA LOUISE YURIECI  
 BARBARA JO ZAIDEMAN, High Honors

## COLLEGE OF FINE AND APPLIED ARTS

### Degree of Bachelor of Architecture

MARC ASKENAZI  
 MICHAEL BRUCE ATKINSON  
 PALTIEL JOSEPH BACH  
 RANDOLPH CHARLES BAHR  
 HUMBERTO ENRIQUE BARONA  
 DAVID MICHAEL BERMAN  
 FRANK J. BERNSTEIN  
 HENRY BOYCE  
 PETER DAVID BRANNEN  
 RICHARD EDWARD BROWN, Jr., High Honors  
 BRUCE DAVID BULLMAN, Highest Honors  
 JOHN DAVID CAIN, High Honors  
 CLAYTON CAMMETT COLE, Jr., Honors  
 JEFFREY JOHN CONROY  
 ROBERT JOHN DAHL  
 BRUCE WARREN DAVIS, Honors  
 DAVID JOHN DULANEY  
 WILLIAM HENRY EDWARDS, Honors  
 WILLIAM KEITH EGAN  
 ALAN LEE EVINRUDE  
 MICHAEL DAVID FEJES, Honors  
 LAWRENCE PAUL FILIPPI  
 RONALD WAYNE FRINK  
 JAMES EDWARD GILGENBACH, Honors  
 FREDERICK WILHELMS GLEAVE  
 DONALD WALTER GRAHAM, JR.

AUBREY URIEL GRANT, JR.  
 THOMAS WILLIAM GRAVES  
 ERNEST CARROLL HART  
 WILLIAM WALTON HAWKINSON  
 PAUL ALAN HEDSTROM  
 FRANK EDWARD HEITZMAN, High Honors  
 PATRICK D. HILL  
 WILLIAM GARY HOOK, Honors  
 DENNIS JEROME HORBINSKI  
 JAMES STEVEN HULSE  
 THOMAS ELDEN IVERSON  
 ROBERT WAYNE JOHNSON  
 RONALD BERT JOHNSON, Highest Honors  
 RICHARD CHARLES KASTEN  
 JAMES LEE KOLESZAR  
 EDMUND FRANCIS KOWALEWSKI, JR.  
 DAVID JOHN KUFFNER  
 DENNIS WARREN LANGLEY  
 JAMES EBERHART LAVIGNE  
 ROBERT ALAN LITCHFIELD  
 ROBERT WILLIAM McCAULEY, Honors  
 THOMAS EDWARD McCUE  
 RALLS CALLAWAY MELOTTE, Honors  
 RUSSELL WILLIAM MEYERS  
 FREDRIC ALAN MORITZ, Honors  
 JOHN CHRISTOPHER MUFF

HERMAN LOWELL MURVIN  
 GORDON EDWIN MYERS II  
 JAMES ALAN NELSON, High Honors  
 JOHN CLAUDE PARAFETTI  
 FLOYD WARREN PARKS  
 RICHARD ALAN PASS  
 JOHN JOSEPH PASTORE  
 WILLIAM FRANK PHILLIPS  
 FRED DEAN POLITO  
 FRED ALLEN POWERS  
 JAMES BERNARD PRITCHETT, High Honors  
 JOHN EDWARD RAGONA  
 DENNIS CLYDE REEDER, Honors  
 JAMES GAYLAND REUL  
 KENNETH JAY RIHA  
 JAMES ALLEN ROECKER

HARVEY IRA ROGOFF  
 MARK DOUGLAS ROHDE  
 GREGORY ALLAN ROSE  
 DONALD CLIFFORD RUSSELL, Honors  
 WILLIAM LEE SHAFER, High Honors  
 JOSEF STAGG  
 DAVID RAY SWEENEY, Honors  
 THEODORE LEA TANNER, JR.  
 ALAN ROBERT THEIS, Honors  
 MICHAEL JOHN THEISS  
 ALBERT GERBEN THEWIS, JR.  
 KEITH JOHN WEITNER  
 CHARLES RICHARD WILLIAMS  
 TERRY LEE WILLIAMS, Honors  
 CRAIG WILLIAM WRIGHT  
 MARK T. ZACHMAN, High Honors

### Degree of Bachelor of Arts

#### *In Dance*

SUZANNE TERRELL

KRISTINE JANE ZEBRAUSKAS, Honors

### Degree of Bachelor of Fine Arts

#### *In Art Education*

SUSAN LINDA BOB, High Honors  
 JUDITH KAE BUCHA, Honors  
 KATHY-LEE CHICHESTER  
 LINDA SUE COHN, Honors  
 REBECCA JANE DAESCHNER  
 JEANNE MARIE DUBOIS  
 LORRAINE RUETER HERM, Honors  
 DOROTHY FRENCH HOLMQUIST  
 ROSALIE KOTWAS HRVOL, High Honors  
 NANCY ANN HUTCHINS, Honors  
 SANDRA ALENE LEVIN, High Honors

SUSAN ALLENE MATTHEWS, High Honors  
 LINDA ANN MELDGIN, Honors  
 CAROLYN CARTER PANN  
 EILEEN COHN READ, Honors  
 KATHLEENE SAUER, Honors  
 EDITH SHARON WALKER, Honors  
 ANNETTE RUTH WEISBERG, Honors  
 JANIS ANN YOUNG, Honors  
 TERRY LYN ZIMMERMAN

#### *In Crafts*

SUE ANN CAHILL  
 PATRICIA JOSEPHINE MCGARRY  
 JOHN PAUL ROLLAND, High Honors

RAUL ALVAR ROGER SIRÉN  
 JOAN MARY SLATTERY, Honors  
 PAULA JOAN STERN, Highest Honors

#### *In Graphic Design*

ALAN LESLIE BLAIR  
 LEE GARRET BLAIR, Honors  
 JACQUELINE LEE BOWLING  
 CHOW JUNG CHAN  
 MARY ELLEN COUGHLAN  
 MELISSA ANN CRITTON  
 RUSSELL DOOLEY  
 JUDITH HORKHEIMER ECKERT  
 LENORE RUTH FINK  
 RICHARD SCOTT HAEGER  
 CLAIRE MASAKO HANAMOTO, Honors  
 LAURIE DAVIES HERM, High Honors  
 BRIAN MICHAEL HYTOFF  
 JANET MAY KASKO  
 STEPHEN LYNN KELLY  
 KARYN LYNN KOZAK  
 KENNETH JAN LEONARD

BARBARA ANN MALINA  
 JOHN CHRISTOPHER MCCARTY  
 JANET LYNN PAITL  
 MADELINE PLOTZKER, Honors  
 JOAN ROSS ROBIE  
 DEBORAH ANN RUBIN  
 JOANNE SAIKLEY  
 DENISE EITZEN SOGIN, Honors  
 DAVID LYNN SUNDAHL  
 LINDA LOUISE TEAL  
 THEODORE WILLIAM TIMRECK, JR., Honors  
 ROBERT ANTHONY VOREL  
 MAUREEN KATHLEEN WADAS  
 MARY JANE WEBER  
 ANN MARGARET ZIMMERMAN

#### *In the History of Art*

JEAN NANCY BURGHART, Honors  
 PHYLLIS ROBERTA FOHRMAN

ANDREW CARLETON WILKS, Honors

*In Industrial Design*

WILBURN OTTO BONNELL III, Honors  
 DEWITT ARTHUR DILLENBECK  
 CARL GEORGE GARANT  
 MONTE CRAIG GILLESPIE, High Honors  
 DAVID FORD INNES  
 PAUL DENNIS KERVIN

BARBARA ELLEN KOELLING  
 ROBERT WILLIAM MACHACEK, Honors  
 DAVID MUELLER NELSON  
 ARNOLD LEONARD SEFKE  
 RESA MARGARET WATSON  
 DAVID HARVEY WELLMAN

*In Painting*

PATRICIA ANN JAMES  
 MARCIA KAY LARSEN, High Honors  
 RENA MILLER MARZEN  
 ROBERT BLAIR MCMILLIN  
 ROBERT MARSHALL PARK  
 ANN LESLIE ROPP  
 LYNN VIRGINIA SCHUETTE, High Honors

ROGER RALPH SCHULT, Honors  
 GAEL ZENDER STACK, Honors  
 MARY KATHERINE STEICHEN, High Honors  
 LINDA SCHEU VETTER  
 TINA WOLFER, Highest Honors

*In Sculpture*

MORRIS DAVID APPLEBAUM, Honors  
 MARY JUNE EATON  
 JAMES STUART FULLER, Highest Honors  
 DORIS MARKS HAZARD

MARY ANN HICKMAN  
 ROGER ALAN PAINTER  
 ARTHUR CHRIS TSIOURIS

**Degree of Bachelor of Landscape Architecture**

HOWARD LEWIS CARREN  
 JERROLD STEVEN CORUSH  
 GERMAN TADHEO CRUZ  
 GARY ROBERT DUNLOP  
 JAMES LAWRENCE FULGENZI  
 DAVID MICHAEL GENNARO  
 LAURENCE STEPHEN GONIA

KEITH EDWARD HOAGLUND  
 WILLIAM RUSSELL JOHNSTON  
 GARY GLENN PIEPER  
 RANDALL GRANT RAIMAN, High Honors  
 TERRY ALLEN RIES  
 RONALD CURTIS STANKE

**Degree of Bachelor of Music**

PAULA HASEMAN BERGHORN, High Honors  
 ALICE FRANCES BRIN, Honors  
 LEE ALAN DUCKLES  
 LINDA MARIE GREEN  
 MICHAEL HARRY HABERKORN, Honors  
 STEPHEN HUSARIK, Jr., Honors  
 JANE BAKKEN KLAVITER, Honors  
 ARTHUR JAMES KLIMA, Jr.

CARLA MARIE LEHMANN, High Honors  
 JOHN RUSSELL LINDSEY  
 YOKO HIRASAWA MUNAKATA, High Honors  
 ROBERT EDWARD NOVOTA  
 GLADYS LEE PHILLIPS  
 JOSEPH JOHN PINZARRONE, Jr., Honors  
 WILLIAM WARREN WESTCOTT, Highest Honors

**Degree of Bachelor of Science***In Music Education*

MARILYN EVA ANDERSON  
 PAMELA LYNN ANDREWS, Highest Honors  
 ROSILLA BARR AUDO  
 JANICE BROOKS  
 KATHY MARY BUONAURO, Honors  
 ELLEN KATHRINE BURKHART, Honors  
 BRADLEY GENE COLE  
 JAMES LEE CRONE, High Honors  
 STEVEN ROY DENNY, High Honors  
 RONALD JAMES ELLISTON, Honors  
 THOMAS JOSEPH FIALA  
 DIANNE TECKENBROCK FITZPATRICK  
 ROBERT WALTER FORD, High Honors  
 JOAN HORN FREY  
 MARILYN SUE GALLIVAN, Honors  
 STEVEN RANDOLPH GEIBEL, Honors

JOHN FRANKLIN GLOVER, High Honors  
 LARRY HERBERT GROSSMAN  
 KARLA KAY GUSTIE  
 LINDA PAULEY HAEGER, High Honors  
 LOUIS OLLMAN HALL  
 BONNIE JEAN HARRIS, High Honors  
 NANCY KRUMM HULTING, High Honors  
 SHEILA CRUMP JOHNSON, Honors  
 GAIL ELLEN KALVER, Highest Honors  
 SUZANNE ELIZABETH KELLY, Honors  
 KAREN SUE KENNICUTT, High Honors  
 MONICA LEE LAUDERDALE  
 CAROL ANN LESH, Honors  
 CHRISTINE FRANCES LEVORA, High Honors  
 DEAN STANTON LOY  
 DANIEL LEE LUNT

DAVID ALLEN MARRONE, Honors  
 MARSHA MARIE MATTEONI, High  
 Honors  
 BETTY SUE MATTHEIS  
 RONALD DUANE MCWILLIAMS, High  
 Honors  
 BONNIE FREDIN PFEIFER, High Honors  
 JAMES CHARLES PLONDKE, Highest  
 Honors  
 LINDA LAMBERT ROAKS  
 DEIDRE ANN ROESCH, Honors  
 ELLEN ROSEN, Highest Honors  
 ROBERT MANDEL ROSEN, Honors

BONNIE ANN ROSENBAUM, Honors  
 MARSHA BRONER ROSENBLUM  
 RICHARD WALTER ROUSH  
 VIRGINIA ANN SALMO  
 PAMELA JEANNE SANOSKI, High Honors  
 DONNA LYNN SEIGLE  
 NANCY LOUISE SMITH, Honors  
 STEPHEN FRANZ STAUFFENBERG, Honors  
 DAVID WAYNE TASA, Highest Honors  
 DIANE KATHERINE WHITE, High  
 Honors  
 EILEEN FOOTE WHITE, High Honors  
 OREEN INEZ ZEITLIN

*In the Teaching of Dance*

CHRISTINE BENNETT, Honors

JANICE SUE KOVAR, Honors

**Degree of Bachelor of Urban Planning**

JON WALDEN ANDERSON  
 TIMOTHY CHARLES COUNIHAN  
 MICHAEL GEORGE EDWARDS, Honors  
 MARY IRIS HOLLAND, High Honors  
 LARRY JOHN HOMUTH

CURTIS ROBERT JENSEN  
 WILLIAM MAURICE JONES  
 MICHAEL TERRANCE LAMBERT  
 PAUL DANIEL LEINBERGER, High Honors

**COLLEGE OF PHYSICAL EDUCATION**

**Degree of Bachelor of Science**

*In Health Education*

BARBARA CHRISTINE LEDDER  
 DAVID BERNARD ULIS, Honors

JANICE LOUISE UNRUH, Honors  
 CHARLES PAUL WOLFF

*In Physical Education*

CHRISTIAN BAER  
 KENNETH RAY BARGO  
 JUNE SYLVIA BECVAR, Honors  
 ROBERT LOUIS BIESZCZAD  
 KAREN SUE BONNSTETTER, Honors  
 KENNETH RUSSELL BRAUER  
 MICHAEL EDWARD BROWN  
 PEGGY JEAN BURMEISTER, Honors  
 BROCK TAYLOR BUTTS  
 JANE PFLEDERER BUTTS  
 PAUL WESLEY CRAWFORD  
 GEORGE LAWRENCE DUFFEY  
 MELISSA JO DUNNAN, Highest Honors  
 ALAN LLOYD EFFLANDT  
 BECKY LOU GILLESPIE, Honors  
 MARY P GONIS, Honors  
 CAROL JOYCE GREEN  
 EDWIN JOSEPH HALIK, JR.  
 SHIRLEY MARIE HOLLIDAY  
 CLAUD VINCENT JINKS  
 HERBERT SCOTT JOHNSTON  
 JAMES HENRY JOST  
 SUSANNE HARRIET KETCHAM, Honors  
 ANDREA MARGARET LOVAAS  
 JUDITH ANN MARCHESI, Honors

BETTY ANN MILLER  
 PRESTON JAMES PEARSON  
 CONNIE JEAN PETERSON, Honors  
 LAUREN ELLEN PORGES  
 LINDA WHEELER PRAY  
 MICHAEL THOMAS PRICE  
 EDWARD AUBREY RAYMOND, JR.  
 RACHEL ANN REGNIER  
 JERRY THOMAS ROSE, High Honors  
 BEVERLY ANN RUDOLPHI  
 LYNDA KAY SCRANTON  
 MARCIA JEAN SEATON, Honors  
 HAROLD RAYMOND SHERRY  
 KENNETH LOWELL SHULTZ, High  
 Honors  
 SANDRA KAY STONE, High Honors  
 MARCIA JEAN SULLIVAN  
 BONNIE JEAN TYKVART  
 ELIZABETH FRANCES WHITNEY, High  
 Honors  
 CHERYL ANNE WITTNER, Honors  
 BARRY ANTHONY YURTIS  
 MARY KELLER ZIMMERMAN, High  
 Honors

*In Recreation*

GLEN LEONARD ALLIE  
 LINDA ANN ANDREONI  
 ROBYN ANN BERGMAN  
 GEORGIA ANNE BOHLEN  
 REBECCA ANN BRENNER

KATHRYN HOPE BRILL, Honors  
 MARGUERITE ELLIOTT, Honors  
 KAREN BAYS HAGAN  
 KATHERINE TRUE HANNELL  
 RONALD NEAL LA PAGE

IRENE CHALMERS NEUBAUER  
 WILLIAM FRANCIS REKER  
 LINDA SUSAN SPRAGUE

LINDA KAREN WATERS  
 JUDITH ANN WEBB, Highest Honors  
 ROBERT ALLAN ZUCKERMAN

### COLLEGE OF VETERINARY MEDICINE

#### Degree of Bachelor of Science

##### *In Veterinary Medicine*

ROBERT ARTHUR ALDRICH  
 JAMES HOWARD BLOCK  
 CHARLENE ADELLE BOEING  
 TERRY LEE BOLTON  
 THOMAS GREGORY BROOKS  
 PHILIP ASA BUSHBY, Honors  
 CLAY ARNOLD CALVERT, High Honors  
 JOSEPH MICHAEL CARRILLO  
 JOHN SEVIER CAVE  
 WILLIAM PATRICK CLAIR  
 JEFFREY ALAN DAVIS  
 FREDRICK HOWARD DRAZNER  
 JOHN ALLEN EBREY  
 RONNIE GENE ELMORE  
 CHARLES DAVID EMIG  
 DENNIS RICHARD GEISER, Honors  
 JEROME OLIVER GENGE  
 STANLEY MICHAEL GOLDFARB  
 HENRY FREDERICK GRASKE, JR.  
 DOUGLAS ANDREW GREGG, Honors  
 ANDREW ELLIOTT GUTTER  
 DENNIS ROBERT HAGGERTY  
 KENNETH JOSEPH HALBACH  
 ROBERT GERALD HALLSTROM  
 WILLIAM ALBERT HERATH, JR.  
 EDWARD LANE HOEDEBECKE  
 RICHARD ALBERT JOHNSON, JR., Honors  
 JOHN ALBERT KOEHM, Honors  
 WILLIAM AUGUST KRUMREY, Honors  
 BRUNO KASTYTIS LATOZA  
 DANIEL CHARLES LAUGHLIN  
 TERRY RAY LEPPER  
 EDWARD MICHAEL LEWIS

STEVE LEE LOYET  
 DAVID ROSS MANNING  
 DUDLEY LEROY MCCAW  
 GARY ELVERT MCKIBBEN  
 KENTON PHILIP MOORE  
 ROBERT ALAN MOSKAL  
 MONTE RODELL MUSGROVE  
 ALAN HOWARD NATHANSON  
 MICHAEL JOSEPH NUZZI  
 TERENCE ALAN OSBORN  
 DIANNE EDITH PANKOW  
 WILLIAM JOEL PASCO  
 MICHAEL PAUL PASSARELLA, Honors  
 DIANA KORNBLOTH PHILLIPS  
 RONALD GENE PIERCE, Honors  
 ROGER MERLE PRAY  
 RONALD ALLEN PRICE  
 JOHN DAVID REED  
 JOHN WILLIAM REED  
 ROBERT ELLIS REICH, Honors  
 GORDON KEITH RHINE  
 THOMAS WILLIAM RIEBOLD  
 DENNIS ELMER ROHDE, Honors  
 ROBERT RICHARD ROTHE  
 RICHARD GRAHAM RUSHTON  
 GREGORY LYNN SCHROEDER  
 RICHARD LOUIS SEFCIK  
 DALE FREDERICK SIEFERT  
 ROBERT FRANCIS TECLAW  
 WILLIAM ALAN THOMPSON  
 MICHAEL ALLEN TURNER  
 HARRY LEE WHITLOCK

#### Degree of Doctor of Veterinary Medicine

SAMMY KAYE ALLEN, Honors  
 ALBERT THOMAS AMLUNG, JR.  
 JAMES LOUIS AMMIRATI  
 JOHN LEONARD BAUMANN  
 TERRY LEE BECKER  
 RANDALL HUGH BORRI  
 JOHN EDWARD BOURN  
 RONALD CHARLES BOWEN  
 JOHN WESLEY BYRD  
 KENNETH DEE CAREY  
 FRANKLIN ANDREW COBLE  
 CHARLES ALLEN COHEN  
 THOMAS JOSEPH DUNN, JR.  
 ROGER FRANK HAGENBERG  
 TIMOTHY JAMES HARRIS  
 PATRICK JOHN HEITZMAN  
 PAUL WAYNE HESS  
 JAYNE E HOOKS  
 JEAN E HOOKS  
 JAMES AMBROSE HORAN  
 BRUCE EDWARD ILGEN

MICHAEL DENNIS KASTELLO  
 MICHAEL JOHN KELLY  
 RONALD MURRAY KIPNIS  
 JAMES DANIEL KOLLER  
 CRAIG PAUL KRAGNESS  
 JAMES EDWARD KURZYDLO  
 JOHN MILTON LANGLOSS  
 CLIFFORD BRUCE LOUDERBACK  
 CAROLE MICHELE LUCIA  
 PAUL ALBERT MARTIN  
 RONALD LEE MARTIN  
 GARY GEORGE MAVES  
 JAMES DANIEL MCKEAN  
 SUZANNE ELIZABETH MELTON  
 THOMAS ANDREW MILOS  
 TIMOTHY VAN MINNICK  
 RONALD ALAN MRZ  
 JEROLD LEWIS NEEDELMAN  
 TIMOTHY ALAN OHMAN  
 MICHAEL ROBERT PETERSON  
 BRATISLAV MILAN RADIOJEVIC



GLEN RICHARD REDEKER  
 JAMES JAY ROSENTHAL  
 ANTHONY CHARLES SAKAL  
 MICHAEL SCHAEER, Honors  
 DENNIS JOSEPH SCHWARZENTRAUB  
 RANDAL WILLIAM SEBRING  
 LEWIS SEIDENBERG  
 DORICE DWIGHT SHUMWAY  
 MARTIN ANTHONY SIDOR  
 JAMES IVAN SIEGRIST  
 RICHARD LAWRENCE SOPIARZ

GARY LEE STAMP  
 CHARLES VERNON TRAYSER  
 JOHN PARISH TRIMBLE  
 ERIC JOHN TROTTER, Honors  
 ROBERT CHARLES TRUCKSA  
 PAUL CHARLES TUCEK  
 JANE MARIE TURREL  
 PAUL MARTIN VARNOLD  
 SAMUEL GEORGE WALTON  
 BRUCE THOMAS WILLIAMS  
 JOHNNIE WILSON WISEMAN

#### SECRETARY'S REPORT

The Secretary presented for record appointments to the faculty made by the President; declinations, resignations, and terminations; cancellation, declinations, and resignations of summer quarter and declinations and resignations of summer session appointments; leaves of absence; and retirements. A copy of the report is filed with the Secretary.

#### COMMUNICATIONS

##### REQUESTS FOR APPEARANCES BEFORE THE BOARD

Mr. Hughes announced that he had approved on an emergency basis a request from Mr. Will B. Betchart, General Chairman of the Civil Engineering Graduate Student Association, to speak to the Board on the subject of Communications Among the University Constituencies. Subsequently, Mr. Betchart asked that his appearance be deferred. Accordingly, the presentation will be made before the Committee on General Policy at its July 22 meeting.

#### ANNOUNCEMENTS

##### FUTURE MEETINGS

Mr. Hughes announced the schedule for the next three meetings of the Board: July 22, Urbana-Champaign; August 12, Urbana-Champaign; September 16, Chicago Circle.

#### RECESS

Mr. Hughes announced that the regular meeting would be recessed for a meeting of the Committee on Buildings and Grounds. He also stated that the Committee on General Policy would meet after lunch to hear a presentation from a representative of the Student Government at Chicago Circle on the subject of University investments and to discuss a report from the *Ad Hoc* Committee of Student Observers.

It was also announced that an executive session had been requested and would be convened after the meeting of the Committee on Buildings and Grounds to consider reports and recommendations relating to patentable discoveries and acquisition of property.

#### EXECUTIVE SESSION

When the Board reconvened in executive session, 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.

##### RECOMMENDATION OF THE UNIVERSITY PATENT COMMITTEE

(43) The University Patent Committee, with the concurrence of the Chairman of the University Research Board, submits the following recommendations relating to patentable inventions by members of the staff.

1. Rotary electrostatic precipitator — Shao Lee Soo, Professor of Nuclear Engineering and of Mechanical Engineering, Urbana, inventor. This device consists of electrodes and collector plates mounted in a drum on a rotating wheel. The passages of dusty gas to be cleaned and the passages for the cleaning of the collector plates are separated by seals over the drum. The collector passages alternately pass between these sectors to collect dust and to be cleaned.

The Committee recommends that a 20 per cent distribution of net income be made to the inventor. (The Board of Trustees approved assignment of the rights in this invention to the University of Illinois Foundation on January 12, 1967.)

2. Transmitter and receiver for the transmission of computer (digital) data over standard commercial television channels — John E. Stifle, Senior Research Engineer at the Coordinated Science Laboratory and Computer-based Education Research Laboratory, Urbana; Donald L. Bitzer, Professor of Electrical Engineering, Research Professor at the Coordinated Science Laboratory, and Director of the Computer-based Education Research Laboratory; and Michael Johnson, Electronics Technician at the Coordinated Science Laboratory, Urbana, inventors; developed under the sponsorship of the Joint Services Electronics Program. Because digital information is binary in nature, only two voltage levels are needed to represent a bit of digital information. In the system described here one voltage level is chosen as the black (blanking) level and the other as the white level. Each horizontal scanning line in the television field is divided into 100 time bins of .01H seconds each ( $H = 1/15750$  seconds). The first 16 bins of each line are used for horizontal synchronization and blanking purposes. The remaining 84 bins along a line each contain one bit of digital information. Field tests indicate that better than 7225 fields are transmitted correctly for every field with errors. The number of bits in error in a bad field is generally less than 250.

The Committee recommends that the rights of the University in this invention be assigned to the University of Illinois Foundation for study and possible patent application, subject to the rights of the sponsor.

I concur.

On motion of Mr. Clement, this recommendation was approved.

#### **EMPLOYMENT OF SPECIAL COUNSEL (ESTATE OF EUGENE S. BOERNER)**

(44) At the time of his death in 1966, Eugene S. Boerner held title to certain stock in Jackson and Perkins Company subject to an executed contract of sale. In his will Mr. Boerner directed that this stock, or the proceeds from the sale thereof, be distributed as follows: 80 per cent to Cornell University and 20 per cent to the University of Illinois.

The Lincoln Rochester Trust Company has filed its proposed final report as Executor of the Estate of Eugene S. Boerner, and is seeking the approval of that report and its discharge as Executor of the estate. Certain transactions during the administration of the estate, with respect to the sales agreement require full exposition and it is in order for the University to file formal objections in the New York court with reference to the proposed final report. The Vice President and Comptroller and the University Counsel recommend that the University Counsel be authorized to take such steps as are necessary or appropriate, including the employment of special counsel, to protect the University's interests in the estate.

I concur.

On motion of Mr. Swain, this recommendation was approved.

On motion of Mr. Clement, the Board adjourned.

EARL W. PORTER  
*Secretary*

EARL M. HUGHES  
*President*

#### **LUNCHEON GUESTS**

Some thirty-five members of the faculty and student body from the Urbana-Champaign campus were guests of the Board at lunch.