

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

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**September 20, 1967**



The September meeting of The Board of Trustees of the University of Illinois was held in the Chicago Circle Center, Chicago, Illinois, on Wednesday, September 20, 1967, beginning at 9:30 a.m.

President Wayne A. Johnston 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. Wayne A. Johnston, Mr. Theodore A. Jones, Mr. Ray Page, Mr. Harold Pogue, Mr. Timothy W. Swain. Governor Otto Kerner 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 Jack W. Peltason, University of Illinois at Urbana-Champaign; Mr. C. E. Flynn, Assistant to the President and Director of Public Information; Mr. James J. Costello, Legal Counsel; Dr. Daniel C. McCluney, Dean of Faculties, Chicago Circle; Dr. James B. Holderman, Associate Chancellor, Chicago Circle; Mr. George H. Bargh, Executive Assistant to the President; Mr. Vernon L. Kretschmer, Associate Director of the Physical Plant; Mr. R. C. Wicklund, Staff Associate in the Board of Trustees Office and Assistant Secretary of the University; Mr. Donald C. Neville, Assistant to the Director of the Physical Plant, Urbana; Mr. Eugene S. Pitcher, Assistant to the Director of the Physical Plant, Urbana; and the 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 December 8, 1966, press proof copies of which have previously been sent to the Board.

On motion of Mr. Swain, these minutes were approved as printed on pages 267 to 294, inclusive.

**REPORTS OF THE EXECUTIVE COMMITTEE**

The Executive Committee presented the following reports of two meetings held since the regular meeting of the Board in July.

**REPORT OF THE EXECUTIVE COMMITTEE**

**August 15, 1967**

On call of the Chairman, a meeting of the Executive Committee of The Board of Trustees of the University of Illinois was held in Room 800, 135 East Eleventh Place, Chicago, Illinois, on Tuesday, August 15, 1967, beginning at 11:30 a.m.

The meeting was called for consideration of reports and recommendations from the President of the University on matters of business, including acquisition of property, 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 26, 1967, 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 matter relating to the lease, sale, purchase, or acquisition, by or for the University, of real estate, including the 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. Wayne A. Johnston, Chairman, Mr. Howard W. Clement, and Mr. Timothy W. Swain. Also present were: Mr. Donald R. Grimes and Mr. Earl M. Hughes, members of the Board of Trustees; President David D. Henry; Dr. J. S. Begando, Chancellor of the University of Illinois at the Medical Center; Mr. Charles E. Flynn, Assistant to the President and Director of Public Information; and the officers of the Board, Mr. H. O. Farber, Comptroller, 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.

**DEANSHIP OF THE COLLEGE OF COMMERCE  
AND BUSINESS ADMINISTRATION, URBANA**

(1) I recommend the appointment of Dr. Joseph W. McGuire, presently Dean of the School of Business of the University of Kansas, as Dean of the College of Commerce and Business Administration at Urbana, beginning July 1, 1968, at an annual salary of \$30,000 on a twelve-month service basis.<sup>1</sup>

I also recommend that Dr. McGuire be appointed Professor of Industrial Administration on indefinite tenure.

The recommendation is based upon a report from a Consultative Committee

<sup>1</sup> This appointment will be from July 1, 1968, through August 31, 1969, which is consistent with the statutory provision of biennial tenure of deans, such appointments coinciding with the fiscal biennium.

and following consultation with the Executive Committee of the College<sup>1</sup> and with the Chancellor at Urbana.

The date set for Dr. McGuire's assumption of duties is occasioned by a long-standing commitment: During the 1967-68 academic year he will be Ford Visiting Research Professor at the Graduate School of Industrial Administration at Carnegie-Mellon University, Pittsburgh. In the interim period, i.e., for the academic year 1967-68, an Acting Dean of the College is being appointed.

Dr. McGuire succeeds Dr. Paul M. Green whose service with the University as Dean will terminate on August 31, 1967.

The Executive Vice-President and Provost, the Chancellor at Urbana, and the Dean of the Graduate College endorse this recommendation.

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

#### ACTING DEANSHIP OF THE COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION, URBANA

(2) The Chancellor at Urbana has recommended that Professor Vernon K. Zimmerman, presently Associate Dean of the College of Commerce and Business Administration at the Urbana-Champaign campus, be appointed Acting Dean of the College effective September 1, 1967, and continuing through June 30, 1968, and that he be given additional salary in the amount of \$1,200 for this period.

The recommendation is made after consultation with the Executive Committee of the College. The Executive Vice-President and Provost concurs.

I recommend approval.

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

#### CONTRACTS FOR CONSTRUCTION OF PERSONNEL SERVICES BUILDING, URBANA

(3) The Director of the Physical Plant and the Vice-President and Comptroller recommend assignment of \$66,594 from Urbana-Champaign Contract Research Reserve and award of the following contracts for construction of a Personnel Services Building to be located on Gregory Drive immediately west of the University Press Building, the award being in each case to the lowest bidder based upon the Base Bid and recommended alternates. The project will provide office, testing, interview, and related facilities for the University Office of Nonacademic Personnel.

General — C. A. Petry & Sons, Inc., Champaign

Base bid.....	\$243 600 00
Deductive alternates:	
Elimination of assignment of other contracts to the general contractor .....	13 500 00
Substitution of gypsum drywall for ceramic tile as specified.....	2 800 00
Deletion of storm sash panels or self-storing com- bination storm sash.....	800 00
Substitution of ponderosa pine door frames for birch door frames as specified.....	2 000 00
<i>Subtotal</i> .....	\$224 500 00

<sup>1</sup> Members of the Consultative Committee are: John E. Cribbet, Professor of Law, *Chairman*; Robert Ferber, Professor of Economics and Marketing, Research Professor in the Bureau of Economic and Business Research, in the College of Commerce and Business Administration, and Director of the Survey Research Laboratory, in the Graduate College; Robert W. Resek, Associate Professor of Economics; Donald H. Skadden, Professor of Accountancy; Daniel M. Slate, Associate Professor of Business Administration, Associate Professor of Marketing, Head of Department of Marketing, and Acting Head of Department of Industrial Administration; Martin Wagner, Professor of Labor and Industrial Relations and Director of Institute of Labor and Industrial Relations.

Exclusive of the Dean of the College (who according to custom did not participate in the consultative discussion), the members of the Executive Committee of the College are: Carl T. Arlt, Professor of Money, Banking, and Finance; Norton M. Bedford, Professor of Accountancy; Marvin Frankel, Professor of Economics and Research Professor in Bureau of Economic and Business Research; A. James Heins, Associate Professor of Economics; Robert K. Mautz, Professor of Accountancy; Robert I. Mehr, Professor of Finance.

Plumbing—David W. Reichard Plumbing & Heating Co., Inc., Urbana.....	29 560 00
Heating and Air Conditioning—Ralph Vancil, Inc., Cairo.....	41 585 00
Ventilating—Inskip Plumbing, Heating & Air Conditioning Co., Champaign.....	21 812 00
Electrical—Potter Electric Service, Inc., Urbana.....	50 385 00
<i>Total</i> .....	\$367 842 00

The balance of funds needed for the project is available from state capital appropriations to the University from the Universities Building Fund.

A report from the Physical Plant Department, including a schedule of bids received, is submitted herewith, and a copy is being filed with the Secretary of the Board for record.

I concur.

On motion of Mr. Swain, these recommendations were approved by the following vote: Aye, Mr. Clement, Mr. Johnston, Mr. Swain; no, none; absent, none.

#### **REQUEST TO ILLINOIS BUILDING AUTHORITY TO CONTRACT FOR CONSTRUCTION OF SCIENCE AND ENGINEERING CENTER BUILDING CAISSONS, CHICAGO CIRCLE**

(4) On July 25, 1967, the Illinois Building Authority received bids for the Science and Engineering Center Building Caissons at the Chicago Circle Campus, which is the first phase of construction on the Science and Engineering Center Building. The lowest bidder is Case International Company, Roselle, with a bid of \$227,380. A bid was also received from the Gust K. Newberg Construction Co., Chicago, in the amount of \$280,000. The lowest bidder is deemed qualified to perform the work.

The project is a part of the construction for the Chicago Circle 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 lease the facilities to the University. Funds for rental payments are available in state capital appropriations to the University. Jurisdiction of the land on which the project will be constructed will also be transferred to the Authority.

The Director of the Physical Plant and the Vice-President and Comptroller recommend that, pursuant to the authority granted by the Board at its meeting on July 26, 1967, the Executive Committee of the Board of Trustees request the Illinois Building Authority to award a contract for the described work to the lowest bidder and proceed to procure this facility for the use of the University.

It is also recommended that the Comptroller and 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.

I concur and recommend adoption of the resolution 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.

#### **Resolution**

*Be It, and It Hereby Is, Resolved* by the Executive Committee of 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 Case International Company, Roselle, a contract in the amount of \$227,380.00 for construction of the Science and Engineering Center Building Caissons at the Chicago Circle Campus in accordance with the base bid submitted.

*Be It, and It Hereby Is, Further Resolved* by the Executive Committee of 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. Johnston, 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, a Science and Engineering 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, 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 Executive Committee of The Board of Trustees of the University of Illinois, pursuant to authority granted said Executive Committee by The Board of Trustees of the University of Illinois at its July 26, 1967, meeting, as follows:

Section 1. 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. Johnston, Mr. Swain; no, none; absent, none.

#### REQUEST TO ILLINOIS BUILDING AUTHORITY TO INCREASE CONTRACT FOR CONSTRUCTION OF CHICAGO CIRCLE CAMPUS, PHASE II — IMPROVED LIGHTING SYSTEM FOR ADDITION TO THE LIBRARY

(5) The Vice-President and Comptroller and the Director of the Physical Plant recommend that the Board request the Illinois Building Authority to authorize an increase of \$16,254.02 in the contract with the Gust K. Newberg Construction Co., Chicago, for construction of Chicago Circle Campus, Phase II, to provide improved lighting conditions in the Library Building Addition.

Funds are available in the project budget.

I concur.

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

#### REQUEST TO ILLINOIS BUILDING AUTHORITY TO INCREASE CONTRACT FOR CONSTRUCTION OF CHICAGO CIRCLE CAMPUS, PHASE II — MODIFICATION OF HEATING SYSTEM FOR ADDITION TO THE LIBRARY

(6) The Vice-President and Comptroller and the Director of the Physical Plant recommend that the Board of Trustees request the Illinois Building Authority to authorize an increase of \$16,078.32 in the contract with the Gust K. Newberg Construction Co., Chicago, for construction of Chicago Circle Campus, Phase II, which

<sup>1</sup> The "Instrument of Transfer" is being filed with the Secretary of the Board for record.

will provide for additional expansion loops and anchorages for the fin tube radiation in the addition to the Library.

Funds are available in the project budget.

I concur.

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

#### PURCHASES

(7) The President submitted, with his concurrence, a list of purchases recommended by the Director 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.....	\$ 410 294 96
From Institutional Funds.....	627 387 90
<i>Grand Total</i> .....	<i>\$1 037 682 86</i>

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

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

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

The Executive Committee of  
The Board of Trustees  
of the University of Illinois

HOWARD W. CLEMENT

TIMOTHY W. SWAIN

WAYNE A. JOHNSTON, *Chairman*

EARL W. PORTER

*Secretary and Clerk*

#### REPORT OF THE EXECUTIVE COMMITTEE

August 31, 1967

On call of the Chairman, a meeting of the Executive Committee of The Board of Trustees of the University of Illinois was held in Room 800, 135 East Eleventh Place, Chicago, Illinois, on Thursday, August 31, 1967, beginning at 11:30 a.m.

The meeting was called for consideration of reports and recommendations from the President of the University on matters of business, including acquisition of property, 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 26, 1967, 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 matter relating to the lease, sale, purchase, or acquisition, by or for the University, of real estate, including the 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. Wayne A. Johnston, Chairman, Mr. Howard W. Clement, and Mr. Timothy W. Swain. Also present were: Mr. Theodore A. Jones, a member of the Board of Trustees; President David D. Henry; Dr. J. S. Begando, Chancellor of the University of Illinois at the Medical Center; Dr. J. W. Peltason, Chancellor of the University of Illinois at Urbana; Mr. C. S. Havens, Director of the Physical Plant; Mr. James J. Costello, Legal Counsel; Mr. Donald C. Neville, Assistant to the Director of the Physical Plant; Mr. Grover Shipton, Associate Director of Public Information at Chicago Circle; and Dr. Earl W. Porter, Secretary of the Board and Clerk of the Committee.

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

**REQUEST FOR THE ILLINOIS BUILDING AUTHORITY TO CONTRACT FOR THE CONSTRUCTION OF THE COLLEGE OF NURSING OFFICE AND CLASSROOM BUILDING, ALSO KNOWN AS THE COLLEGE OF NURSING BUILDING, AT THE MEDICAL CENTER CAMPUS**

(1) On August 9, 1967, the Illinois Building Authority received bids for all work for the construction of the College of Nursing Office and Classroom Building, also known as the College of Nursing Building, at the Medical Center campus. The lowest bidder is J. L. Simmons Company, Inc., 506 Wabash Avenue, Chicago, Illinois, with a bid of \$4,805,000.

Three other bids were received as follows:

W. E. O'Neil Construction Co., 2751 Clybourn Avenue, Chicago....	\$4 871 000 00
S. N. Nielsen Company, 3059 Augusta Street, Chicago.....	4 891 000 00
Gust K. Newberg Construction Co., 2040 N. Ashland Avenue, Chicago.....	5 370 000 00

The lowest bidder is deemed fully qualified to construct this project.

The project is one of those which the Board of Trustees, 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 for rental payments appropriated by the Illinois General Assembly. The University will transfer jurisdiction of the land on which the project will be constructed to the Authority.

The Director of the Physical Plant and the Vice-President and Comptroller recommend that, pursuant to the authority granted by the Board at its meeting on July 26, 1967, the Executive Committee of the Board of Trustees request the Illinois Building Authority to award a contract for the described work to the lowest bidder 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 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.

I concur and recommend 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.

**Resolution**

*Be It, and It Hereby Is, Resolved* by the Executive Committee of 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. L. Simmons Company, Inc., 506 Wabash Avenue, Chicago, Illinois, a contract for the entire work for the construction of the College of Nursing Office and Classroom Building, also known as the College of Nursing Building, at the

Medical Center, for the fixed price of \$4,805,000, consisting of a base bid and four additive alternates.

*Be It, and It Hereby Is, Further Resolved* by the Executive Committee of 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. Swain, the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Johnston, 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, a College of Nursing Office and Classroom Building, also known as the College of Nursing 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 Executive Committee of The Board of Trustees of the University of Illinois, pursuant to authority granted said Executive Committee by The Board of Trustees of the University of Illinois at its July 26, 1967, meeting, as follows:

Section 1. 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"<sup>1</sup> 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. Johnston, Mr. Swain; no, none; absent, none.

### CONTRACTS FOR REMODELING THE SANGAMON STREET BUILDING FOR DEPARTMENTS OF MEDICINE AND MICROBIOLOGY, COLLEGE OF MEDICINE

(2) The Director of the Physical Plant and the Vice-President and Comptroller recommend assignment of \$65,632 from Medical Center Contract Research Reserve and award of contracts for remodeling in the Sangamon Street Building for the Departments of Medicine and Microbiology, College of Medicine, the award being in each case to the lowest bidder, based upon the base bid and recommended alternates.

General — Mutual Contracting Company, Chicago

Base bid ..... \$73 828 00

Additive alternates for:

Assignment of Divisions II through V contracts to  
the Division I contractor ..... 4 103 00

<sup>1</sup> The "Instrument of Transfer" is being filed with the Secretary of the Board for record.



Cost of adding cylinder locks to drawers and doors on laboratory equipment.....	1 390 00	
Cost of adding three-hour fire protection to the exterior walls, columns, and ceilings of the mechanical roof penthouse.....	6 325 00	
Cost of adding five window air conditioning units....	607 00	
<i>Subtotal</i> .....		\$ 86 253 00
<b>Plumbing and Sewerage Work—Peter H. Smith Co., Chicago</b>		
Base bid.....	\$15 579 00	
Additive alternate for cost of installation of infrared humidifiers in animal rooms.....	645 00	
<i>Subtotal</i> .....		16 224 00
<b>Heating, Piping, Refrigeration &amp; Automatic Temperature Control Systems—Herman Bogot &amp; Co., Chicago</b>		
Base bid.....	\$58 064 00	
Additive alternates for:		
Cost of installation of infrared humidifiers in animal rooms.....	5 060 00	
Cost of adding five window air conditioning units....	2 011 00	
Cost of installing a chilled water system and controls in lieu of a direct expansion refrigeration system....	3 901 00	
<i>Subtotal</i> .....		69 036 00
<b>Ventilating—The Robert Irsay Company, Skokie</b>		
Base bid.....	\$40 872 00	
Additive alternates for:		
Cost of extending exhaust duct branches from the ceiling level to the floor level of the animal rooms....	500 00	
Cost of installation of infrared humidifiers in animal rooms.....	200 00	
<i>Subtotal</i> .....		41 572 00
<b>Electrical—Gerson Electric Construction Co., Chicago</b>		
Base bid.....	\$30 199 00	
Additive alternates for:		
Cost of installation of infrared humidifiers in animal rooms.....	100 00	
Cost of installing a chilled water system and controls in lieu of a direct expansion refrigeration system....	100 00	
<i>Subtotal</i> .....		30 399 00
<i>Total</i> .....		\$243 484 00

It is further recommended that all contracts other than the general contract be assigned to the contractor for general work, making the total of his contract price \$243,484. It is also further recommended that an agreement be entered into with Mutual Contracting Company for the assignment of these other contracts for \$4,103, which amount is included in the contract price, being the amount bid by that Company for supervision of other contracts assigned to the general contractor.

The work provides for the remodeling of the second and third floors of the Sangamon Street Building, and includes new lighting, air conditioning, and laboratory equipment.

The remainder of the funds needed for this work was appropriated by the Board on July 27, 1966.

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

I concur.

On motion of Mr. Clement, these recommendations were approved by the following vote: Aye, Mr. Clement, Mr. Johnston, Mr. Swain; no, none; absent, none.

**EMPLOYMENT OF ENGINEERS FOR STREET IMPROVEMENTS  
AT URBANA-CHAMPAIGN**

(3) The Director of the Physical Plant and the Vice-President and Comptroller recommend the employment of the following engineering firms for the projects and at the fees indicated.

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| A. Street lighting improvements on Florida Avenue from Lincoln Avenue west to the Illinois Central Railroad underpass.<br>Clark, Dietz & Associates, Urbana  | Schedule B of minimum fees adopted by the Illinois Society of Professional Engineers. |
| B. Paving of South First Street Road from the end of the existing pavement south of St. Mary's Road to the access drive serving the University's Children's Research Center and the Adler Zone Clinic, and the paving of South Lincoln Avenue Road from Florida Avenue south to the south right-of-way line of George Huff Drive extended.<br>Sodemann & Associates, Champaign | Schedule B of minimum fees adopted by the Illinois Society of Professional Engineers. |

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

The Advisory Committee on Architectural and Engineering Services has considered these recommendations and recommends approval.

I concur.

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

**EMPLOYMENT OF ENGINEERS FOR EXPANSION OF THE LIBRARY  
AIR CONDITIONING CENTER. URBANA**

(4) The Director of the Physical Plant and the Vice-President and Comptroller recommend the employment of Associate Engineers, Inc., Peoria, for complete engineering services for the expansion of the Library Air Conditioning Center at a fee of 6 per cent of the total construction cost. The expansion will provide required cooling capacity for the Foreign Languages Building, the Music Building, and Smith Music Hall.

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

The Advisory Committee on Architectural and Engineering Services has been consulted and recommends approval.

I concur.

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

**PURCHASE AND GIFT OF THE T. W. BALDWIN LIBRARY (URBANA)**

(5) T. W. Baldwin, Professor of English, *Emeritus*, is the owner of an extraordinary collection of rare books consisting of approximately 5,806 volumes of sixteenth, seventeenth, and eighteenth century texts of classical authors, with commentaries on them, Bibles and prayer books, rhetorics and histories, all of which are now located in the Rare Book Room of the University of Illinois Library at Urbana. The collection is commonly known as the T. W. Baldwin Library. Professor Baldwin and his wife, Regina Elisabeth Baldwin, propose to make a gift to the University of 350 volumes of this library. The value of this proposed gift is estimated to be \$50,000.

Moreover, Professor and Mrs. Baldwin have offered to sell the remainder of the library to the University for the total sum of \$200,000 to be paid in five equal annual installments of \$40,000 each, subject to the availability of funds.

It has been proposed that the payments be funded as follows :

	<i>First Year</i>	<i>Second Year</i>	<i>Third Year</i>	<i>Fourth Year</i>	<i>Fifth Year</i>
Library gifts and grants (non-state funds).....	\$25 000 00	\$25 000 00	\$25 000 00	\$25 000 00	
University of Illinois Foundation..	7 500 00	7 500 00	7 500 00	7 500 00	\$20 000 00
Contract Research Reserve.....	7 500 00	7 500 00	7 500 00	7 500 00	20 000 00
	<u>\$40 000 00</u>	<u>\$40 000 00</u>	<u>\$40 000 00</u>	<u>\$40 000 00</u>	<u>\$40 000 00</u>

Fifty thousand dollars of the purchase price will be furnished by the University of Illinois Foundation over the period of the purchase pursuant to action taken by the Board of Directors of the University of Illinois Foundation on February 15, 1967.

The Dean of Library Administration and the Vice-President and Comptroller recommend that The Board of Trustees of the University of Illinois accept the proposed gift of 350 volumes of the T. W. Baldwin Library as described above and that the purchase of the remainder of the library on the terms outlined above be approved and that the purchase be funded as proposed, subject to the availability of funds. The Chancellor at Urbana endorses this recommendation.

I concur.

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

#### PURCHASES

(6) The President submitted, with his concurrence, a list of purchases recommended by the Director 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.....	\$161 147 00
From Institutional Funds.....	461 618 88
<i>Grand Total</i> .....	<u>\$622 765 88</u>

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

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

#### INCREASE IN CONTRACT FOR PHASE I CONSTRUCTION OF CHICAGO CIRCLE CAMPUS

(7) The Director of the Physical Plant and the Vice-President and Comptroller recommend an increase of \$41,866.30 in the contract with Gust K. Newberg Construction Co., Chicago, for construction of Chicago Circle Campus Phase I.

This increase is for additional work by Fischbach, Moore & Morrissey, Inc., Chicago (\$25,000), based on changes in air handling fixtures in the Library, changes in electrical wiring and modifications in electrical fixtures at various locations on the campus, and repair of work damaged by others. It also includes \$16,866.30 to Gust K. Newberg Construction Co. for additional reinforcing steel required and for window glass breakage replacements.

The foregoing will complete the construction work in Phase I, and final payment could be made to the Gust K. Newberg Construction Co. upon presentation of the waivers and releases called for by the contract documents. Because of pending litigation, it is not feasible for the Gust K. Newberg Construction Co. to obtain the necessary waivers and releases from one of the subcontractors assigned to it by the University. It is therefore recommended that payment of all unpaid balances to the Gust K. Newberg Construction Co. be authorized upon that contractor executing and delivering an undertaking, in a form satisfactory to the Legal Counsel

and underwritten by the contractor's surety, to repay the same to the University in the event litigation is initiated against the University or the contractor by the assigned subcontractor, or any award is made against the University by reason of the claims of the assigned subcontractor or its subcontractors.

Funds are available in the project budget.

I concur.

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

#### **ADDITION TO THE KRANNERT ART MUSEUM, URBANA**

(8) It is proposed that the facilities at the Krannert Art Museum be expanded by the construction of an addition east of the present building approximately 78 feet by 118 feet, consisting of a lower level and a ground level area, and certain remodeling in the existing building. The expansion would provide approximately 17,800 square feet of additional space.

The additional space on the lower level would be used for relocating and increasing the size of the workshop and storage areas. The present workshop would be remodeled to provide an additional gallery. The present print exhibit and storage rooms will be remodeled to provide space for an elevator and an office for the Curator. On the ground level, the addition will provide a large gallery with movable partitions to provide flexibility as to the size of the exhibit areas. A passenger elevator will be included to improve facilities for handicapped students and the public. The additional annual operational and maintenance expense when the building is completed is estimated at \$17,955.

Commitments have been received by the University of Illinois Foundation for contributions which will entirely finance the construction of the addition and the remodeling. Construction should be started immediately, and it is recommended that the Board of Trustees approve the project and request the University of Illinois Foundation to proceed with temporary financing and the awarding of contracts for the construction of the facility, subject to approval by the Board of Higher Education.

The Board of Trustees at its meeting on February 9, 1967, approved a contract for architectural services on the Krannert Art Museum Addition with Richardson, Severns, Scheeler & Associates, Inc., Champaign, on the basis of 6 per cent for new construction and cost plus 150 per cent for remodeling work with a maximum cost of \$26,500.

Based on the above, the Director of the Physical Plant and the Vice-President and Comptroller recommend that the contract with Richardson, Severns, Scheeler & Associates, Inc., be amended to increase the maximum cost to \$50,000.

The Committee on Buildings and Grounds has reviewed and approved this recommendation.

I concur.

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

#### **CONTRACT FOR BUS SERVICE FOR URBANA-CHAMPAIGN CAMPUS**

(9) The Director of Purchases and the Vice-President and Comptroller recommend authorization of a contract with the Champaign-Urbana City Lines, Inc., Champaign, for a chartered bus service for students, faculty, staff, and other authorized personnel, for the period September 1, 1967, through August 31, 1968, at an estimated total expenditure of \$64,826. Bids were invited from five other transportation companies, but the Champaign-Urbana City Lines, Inc., is the only bidder, at prices of \$6.15 per hour, with fare collection, and \$6.00 per hour, without fare collection.

In order to serve students in University housing and outlying areas (such as in Orchard Downs) and staff, it is necessary to supplement the public transportation system in Urbana-Champaign by continuing an orderly intra-campus chartered transportation system. The charter bus service on regular schedules (Illi-Bus) will be provided at \$6.15 per hour, per bus; special chartered service and the Faculty-Staff bus will be provided, without fare collection, at \$6.00 per hour, per bus.

The total cost is based on:

An estimated 11,362 Illi-Bus hours, less an estimated \$38,550 in fares.. \$31 326 00  
 Estimated 5,000 bus hours for Faculty-Staff bus, plus 583 hours for  
 special charter intra-campus conference transportation..... 33 500 00  
*Estimated net total*..... \$64 826 00

Funds are available in the Physical Plant budget and from special use charges for the Faculty-Staff bus use. The cost of Illi-Bus service will be provided from fees collected plus housing division income.

I recommend authorization of this contract.

On motion of Mr. Swain, this contract was authorized as recommended by the following vote: Aye, Mr. Clement, Mr. Johnston, Mr. Swain; no, none; absent, none.

#### RECESS AND EXECUTIVE SESSION

Chairman Johnston announced that an executive session had been requested and was being ordered to consider the following item of business concerning property acquisition.

On motion of Mr. Swain, the Committee recessed.

When the Committee reconvened in executive session, the same members of the Committee and officers of the University as recorded at the beginning of these minutes were present.

The Committee considered the following item of business presented by the President of the University.

#### PROPOSED ACQUISITION OF 1116-1118 WEST NEVADA STREET, URBANA

(10) The site for the Music Building was authorized by the Committee on Buildings and Grounds of the Board of Trustees at its meeting on June 16, 1965. The site consisted of three lots on Oregon Street and one lot fronting on Nevada Street.

As a result of planning studies by the University and the architects, it has been concluded that the existing site is not adequate to meet the planning restrictions of the State Board of Higher Education and that the acquisition of additional property will be required. After studying various alternate plans possible, the architects have recommended that the University acquire the two additional properties at 1116 and 1118 West Nevada Street which are contiguous to property now owned. The preliminary design has been carefully worked out with the School of Music and has been reviewed with Mr. Abramovitz and Dean Weller in terms of its aesthetic relationship with the Krannert Center for the Performing Arts.

Funds can be made available in the University's land acquisition program for 1967-69 to be financed from either state capital appropriations or through the University of Illinois Foundation.

Accordingly, the Director of the Physical Plant and the Vice-President and Comptroller recommend that the Board authorize officials of the University to secure appraisals and negotiate with the owners for the acquisition of this property.

I concur.

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

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

The Executive Committee of  
 The Board of Trustees  
 of the University of Illinois

HOWARD W. CLEMENT

TIMOTHY W. SWAIN

WAYNE A. JOHNSTON, *Chairman*

EARL W. PORTER

*Secretary and Clerk*

**RECOMMENDATIONS FROM MR. TIMOTHY W. SWAIN**

Mr. Swain then presented the following recommendations:

**Recommendations Concerning New Campuses**

As a representative of this Board on the Illinois Board of Higher Education, I should like to suggest that the Board of Trustees take official cognizance of the recent action of the Board of Higher Education concerning the development of new campuses in Springfield and Chicago.

As has been reported in the press, the Board of Higher Education on September 13 established a committee to consider the questions of general location, campus mission and governance of a new campus in Springfield and a new campus in Chicago. This action was taken in response to legislation passed by the General Assembly in the last session and approved by the Governor on July 14. The Committee was instructed by the Board of Higher Education to report and make recommendations within the next sixty days.

As is well known, on several occasions representatives of this Board have made known the interest of the University of Illinois in planning and ultimately operating a new campus in Springfield and one or more new campuses in Chicago. The University's concern for the need to plan and develop new campuses in Illinois was first expressed in a comprehensive way in 1964, when the desirability of state-wide attention to this question was identified by the President of the University and the Board of Trustees.

Therefore, I recommend and move that the Board of Trustees direct the administrative officers of the University to prepare a report indicating the University's interest in the establishment of a new campus in Springfield and present it to the Board of Higher Education for the use of the committee just established.

In addition, I recommend that the administrative officers be directed to submit to the Board of Trustees at its meeting on October 16 a report on University studies of possible programs and general locations for a new degree-granting campus in the Chicago Metropolitan Area.

On motion of Mr. Swain, seconded by Mr. Grimes, this recommendation was approved. Mr. Page asked to be recorded as not voting inasmuch as he will be serving as a member of the Special Committee on New Senior Colleges of the Illinois Board of Higher Education.

**Recommendation Concerning the Expansion of the Programs of the University of Illinois in the Health Sciences and Professions**

The Executive Director of the Board of Higher Education announced at the Board's meeting on September 13 that a report probably would be submitted in November on the "Study of Education in the Health Fields" being conducted for the Board under the direction of Dr. James A. Campbell (President of Presbyterian-St. Luke's Hospital).

Although the administrative officers of the University have submitted to the Study Director a substantial body of information concerning its current programs and various proposals for expansion in these fields, no definitive plans have yet been officially reviewed and approved by the Board of Trustees. I recommend, therefore, that the administrative officers be directed to submit to this Board at its meeting on October 16, a long-term comprehensive plan for the expansion of the University's activities in the health sciences and professions—involving all of its campuses and including the basic health sciences, medicine, dentistry, nursing, pharmacy, public health, and allied fields.

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

**REQUEST FOR ENROLLMENT REPORT AND REPORT ON VARIOUS ETHNIC GROUPS**

Mr. Jones inquired about the desirability of receiving reports as soon as possible concerning enrollments relating to University activity in the field of human relations and enrollment reports of students from various ethnic groups. He also expressed interest in a report of the

work and mission of the new Center for Urban Studies. He thereupon moved that the administrative officers be directed to prepare and submit informational reports on these matters. This passed unanimously. The President of the University indicated that the annual report on human relations would soon be forthcoming, that it was now in process, and that fall enrollment reports would be available soon. He indicated that Director William L. Garrison of the Center for Urban Studies (who was in attendance at the meeting and was recognized) would be asked to make a special report to the Board at the earliest possible time.

**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 CERTIFICATES**

(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, 1967, and who have fulfilled all other legal requirements under Sections 1, 2, and 3 of the Illinois Accountancy Act of 1943 as amended:

LOUIS THOMAS ADDANTE, Chicago, Illinois	GEORGE ROBERT BRUHA, La Grange Park, Illinois
PHILIP FRANCIS ALBRECHT, Dolton, Illinois	PETER BORDEN BRUNE, Park Ridge, Illinois
AARNE ANDERSON, Wood Dale, Illinois	DONALD JOSEPH CALABRIA, Forest Park, Illinois
HENRY MOORE ANDING, JR., Evanston, Illinois	JOHN CHARLES CARLYLE, Chicago, Illinois
MILFORD AMES ARDELL, Chicago, Illinois	HOWARD LEROY CARVER, Madison, Wisconsin
GEORGE HAROLD ASHLEY, Chicago, Illinois	DENNIS BRUCE CHASE, Libertyville, Illinois
HENRY RALPH BALDWIN, Elmhurst, Illinois	VIRGIL LEE COLE, La Grange Park, Illinois
PETER QUENTIN BANKS, Chicago, Illinois	STEPHEN LESLIE CORN, Champaign, Illinois
BARRY RHOADES BARNARD, Park Forest, Illinois	DON HOWARD CURTIS, Park Forest, Illinois
JOHN FREDERICK BARTELS, Tallahassee, Florida	EUGENE VINCENT CWIERTNIAK, Hickory Hills, Illinois
MARY KATHLEEN BATES, Aurora, Illinois	JAMES LEONARD CZECH, Chicago, Illinois
VICTOR FRANKLIN BEEDERMAN, Chicago, Illinois	LOUIS JAY DAVIS, Champaign, Illinois
LAWRENCE BERNARD BERKOWITZ, Chicago, Illinois	MARY CATHERINE DOHERTY, Chicago, Illinois
ROBERT LEE BERNAUER, Chicago, Illinois	GREGORY MICHAEL DOLD, Park Forest, Illinois
EUGENE HOWARD BERNSTEIN, Elgin, Illinois	MICHAEL THOMAS DUKE, Chicago, Illinois
WILLIAM PATRICK BERRY, Oak Park, Illinois	GARY FRANKLIN ECHOLS, Belleville, Illinois
KENNETH JOHN BOELTS, Villa Park, Illinois	MARSHALL EUGENE EISENBERG, Evanston, Illinois
SHELDON ARNOLD BRODER, Chicago, Illinois	

GEORGE RICHARD JOSEPH ERICK, Elk  
 Grove Village, Illinois  
 LEE EDWARD EVANS, Riverdale, Illinois  
 WALTER JOHN FELDMANN, Skokie,  
 Illinois  
 ALAN STUART FINGER, Skokie, Illinois  
 LOUIS MARTIN FISCHER, Chicago  
 Heights, Illinois  
 GARY LEE FISH, Bloomington, Illinois  
 ROY PHILIP FRANCHINO, Milan, Italy  
 RICHARD MARTIN GABRIEL, Oak Park,  
 Illinois  
 MARSHALL ALLEN GARDNER, Chicago,  
 Illinois  
 THOMAS JOSEPH GAVIN, Oak Forest,  
 Illinois  
 JOHN MICHAEL GAYNOR, Chicago,  
 Illinois  
 EARL FRED GEBEL, Des Plaines, Illinois  
 GEORGE NATHAN GILKERSON, Jr.,  
 Mattoon, Illinois  
 JAMES RAY GILLETTE, Monmouth,  
 Illinois  
 ARTHUR RICHARD GOLDBECK,  
 La Grange, Illinois  
 ERROL GENE GOLUB, Skokie, Illinois  
 PAUL NEIL GORDON, Chicago, Illinois  
 ROSANN MARIE GORMAN, Manteno,  
 Illinois  
 EDWARD EVERETT GRAY, Jr., Springfield,  
 Illinois  
 WALTER ALBERT GUYER, Mt. Prospect,  
 Illinois  
 FRANK JOSEPH HADBAS, Jr., Westmont,  
 Illinois  
 HOWARD EUGENE HABENICHT, Western  
 Springs, Illinois  
 FRANK ALEXANDER HAHN, Blue Island,  
 Illinois  
 ROSALIE CARLOTTA HALLBAUER,  
 Chicago, Illinois  
 CLARENCE LEONARD HARRIS, Chicago,  
 Illinois  
 ARNOLD STUART HARRISON, Chicago,  
 Illinois  
 ROBERT DANIEL HAYER, Oak Park,  
 Illinois  
 STEWART MORRIS HERMAN, Chicago,  
 Illinois  
 ODELL HICKS, Jr., Chicago, Illinois  
 RICHARD ALAN HINTZ, Downers Grove,  
 Illinois  
 CATHERINE ELIZABETH HOLTZCLAW,  
 Decatur, Illinois  
 JAMES JOSEPH HOPKINS, Evergreen  
 Park, Illinois  
 ROBERT ANTHONY HORNBROOK,  
 Wilmette, Illinois  
 ROBERT JOHN IVANAUSKAS, Chicago,  
 Illinois  
 ROBERT GEORGE JOHNSON, Dolton,  
 Illinois

ARCHIBALD WILLIAM JOHNSTON, Jr.,  
 Oak Park, Illinois  
 JAMES WESLEY JOHNSTON, Dolton,  
 Illinois  
 DUDLEY WILLIAM JOYCE, Elmwood  
 Park, Illinois  
 JAMES ELLIOT KADING, Des Plaines,  
 Illinois  
 KEITH CHARLES KAKACEK, Naperville,  
 Illinois  
 ALLEN EPHRAIM KANTER, Harwood  
 Heights, Illinois  
 FRANK THOMAS KAPPLE, Deerfield,  
 Illinois  
 JEFFREY BENJAMIN KARP, Skokie,  
 Illinois  
 JAMES BENEDICT KATCH, Chicago,  
 Illinois  
 CAROL EILEEN KENNEDY, Forest City,  
 Illinois  
 ROBERT LEE KLEINBERG, Chicago,  
 Illinois  
 DENIS ALAN KLEINFELD, Glencoe,  
 Illinois  
 RONALD LEE KOZOMAN, Joliet, Illinois  
 BARRY BENJAMIN KREISLER, Skokie,  
 Illinois  
 CHESTER WILLIAM KRUSSELY, Stickney,  
 Illinois  
 DAN OLAV LAKSFOSS, Chicago, Illinois  
 JOHN J. LESNER, Chicago, Illinois  
 STEVEN EDWARD LINDBLAD, Glenview,  
 Illinois  
 ROGER WILSON LOGAN, Springfield,  
 Illinois  
 PHILIP LEON LONGMIRE, Chicago,  
 Illinois  
 LYNN DIANE LOTKA, Chicago, Illinois  
 BRUCE JAY LURIE, St. Louis, Missouri  
 STEVEN DAVID LUSTIG, Chicago, Illinois  
 ROBERT EDMUND MALONE, Hazel Crest,  
 Illinois  
 PHILIP HERMAN MANASSE, Des Plaines,  
 Illinois  
 HARVEY MARK MARGOLIS, Chicago,  
 Illinois  
 STANLEY ALLAN MARTIN, Savoy,  
 Illinois  
 GEORGE BRADLEY MATHEWSON, Pana,  
 Illinois  
 WILLIAM JAMES MCCABE, Chicago,  
 Illinois  
 WILLIAM ROY MCCLAYTON, Park Ridge,  
 Illinois  
 JACK LOUIS MCCOOK, Riverside, Illinois  
 FRANK LEE MCCORMICK, DeKalb,  
 Illinois  
 CARLOTTA JEAN MCELROY, Urbana,  
 Illinois  
 WILLIAM JOSEPH McNALLY, Jr.,  
 Chicago, Illinois  
 ROBERT MEJIA, Chicago, Illinois



- MARTIN MELINGER, Skokie, Illinois  
 STEPHEN MILTON MELTZ, Evanston, Illinois  
 HAROLD JOSEPH MEYER, Palo Alto, California  
 MARTIN RONALD MEYERS, Chicago, Illinois  
 RICHARD ALAN MICHALAK, Evergreen Park, Illinois  
 MARVIN CHARLES MILES, Arlington Heights, Illinois  
 DUANE LEON MILLER, Bloomington, Illinois  
 LARRY MACK MITCHELL, Robinson, Illinois  
 JAMES ANTHONY MOORE, Chicago, Illinois  
 FRANK WILBUR MORRASY, Sycamore, Illinois  
 ERNEST THORNHILL NORTHRUP, Augusta, Georgia  
 PETER NORDAL NUSTAD, Clarendon Hills, Illinois  
 JAMES JOHNS OGOREK, Chicago, Illinois  
 JOE OLINGER, Des Plaines, Illinois  
 DONALD LANDIS OLSON, Jr., Rock Island, Illinois  
 BRENDAN MICHAEL O'NEILL, Riverdale, Illinois  
 DONALD FRED PASSALACQUA, Effingham, Illinois  
 JONATHAN HARRIS PERLMAN, Chicago, Illinois  
 JOHN WILLIAM PETERSON, Chicago, Illinois  
 THOMAS ADAM PHILLIPS, Glencoe, Illinois  
 KENNETH MARK PISTORIUS, Moweaqua, Illinois  
 STEPHEN GLENN POOL, Ottawa, Illinois  
 DAVID LEE POPEJOY, Bloomington, Illinois  
 JOHN HARLAN RATHE, Champaign, Illinois  
 LOUIS ALAN REISMAN, Chicago, Illinois  
 JERRY DEE REX, Evanston, Illinois  
 DAVID ARTHUR RINGSTAD, River Grove, Illinois  
 RICHARD ALAN ROGGEVEEN, Chicago, Illinois  
 LAWRENCE ALBERT ROSENBERG, Chicago, Illinois  
 LEONARD FRANCIS ROSSBACH, Berwyn, Illinois  
 BRUCE JAMES ROTH, Chicago, Illinois  
 DAVID MAURICE RUBIN, Skokie, Illinois  
 ANTHONY RAYMOND RUFFATTI, Joliet, Illinois  
 RICHARD LYNN RUSSELL, Springfield, Illinois  
 JAMES HENRY RUTZ, Chicago, Illinois  
 VINCENT THOMAS RYAN, Chicago, Illinois  
 GERALD ARTHUR SAUVE, Chicago, Illinois  
 ALAN CHARLES SCHMIEDERER, Chicago, Illinois  
 JOE BOB SCOTT, Oak Park, Illinois  
 BERNARD REUBEN SERED, Chicago, Illinois  
 WAYNE JOHN SHUST, Chicago, Illinois  
 EDWARD JOSEPH SIERACKI, Lombard, Illinois  
 GARY ALAN SILVERS, Chicago, Illinois  
 JAMES FREDRIC SINGELMAN, Harvard, Illinois  
 JOSEPH MICHAEL SMRIGA, Joliet, Illinois  
 ROBERT EDWARD SNYDER, Chicago, Illinois  
 PAUL GEORGE SOTOS, Dundee, Illinois  
 PETER JOSEPH STRAMAGLIA, Chicago, Illinois  
 DONALD GEORGE STREBEL, Arlington Heights, Illinois  
 ROBERT NICHOLAS STUMPF, Chicago, Illinois  
 MICHAEL DENNIS SULLIVAN, Oak Forest, Illinois  
 ROBERT KEVIN SULLIVAN, Chicago, Illinois  
 ALLAN CAMERON SUTHERLAND, Urbana, Illinois  
 MYRA AGNES SWICK, Park Ridge, Illinois  
 LARRY ENOCH SYDES, Champaign, Illinois  
 ROBERT FRANCIS TANNER, Chicago, Illinois  
 ROBERT SHERWOOD THAYER, East Chicago, Indiana  
 MICHAEL G. THOMPSON, Rockford, Illinois  
 ROBERT VERN TINKHAM, Wilmette, Illinois  
 BRUCE DOUGLAS TOBECKSEN, La Grange Park, Illinois  
 JOHN BUDD TRUSKOWSKI, Rolling Meadows, Illinois  
 MICHAEL LEWIS UNDERWOOD, Peoria, Illinois  
 HARVEY ALLEN UNGERLEIDER, Des Plaines, Illinois  
 THEODORE FRANCIS UNTON, Chicago, Illinois  
 EUGENE GEORGE UTTENWEILER, Streamwood, Illinois  
 CLIFFORD DONALD VOJTA, La Grange Park, Illinois  
 JAMES ARTHUR VOLLMER, Chicago, Illinois  
 MARY ELIZABETH WALSH, Chicago, Illinois  
 GERALD WAYNE WARSHAW, Chicago, Illinois  
 MARTIN JAY WEISS, Champaign, Illinois

CALVIN BENJAMIN WELLS, Park Forest, Illinois	DONALD ANDREWS WRIGHT, Park Forest, Illinois
JOHN MAURICE WILLIAMSON, Groveland, Illinois	ROBERT LOUIS ZAMBRENO, Elmhurst, Illinois
ARNOLD DEAN WILLMS, Collinsville, Illinois	ROBERT JOSEPH ZIMA, Clarendon Hills, Illinois
STANLEY ALLEN WILSON, Palatine, Illinois	

The Committee on Accountancy further 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>
PAUL EMMET BIBLER	Franklin Park, Illinois	Maryland
GEORGE EPHRAIM BRAMMER	Rockwood, Tennessee	Virginia
JEFF DARRELL BURTON	Florissant, Missouri	Missouri
MILTON HOLCOMB FORTSON	Wheaton, Illinois	Texas
LARRY ALTON JOBE	West Chicago, Illinois	Texas
HAROLD ALVON KNOTTS	Arlington Heights, Illinois	California and Texas
SHELDON IRVIN LANDMAN	Niles, Illinois	District of Columbia
EMANUEL W. MARION	Dearborn, Michigan	Michigan
BARRY ALAN SWARTZ	Skokie, Illinois	District of Columbia

I concur.

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

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

(2) 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, 1967.

##### *University Representatives*

Dr. H. W. BAILEY, Associate Chancellor, Chicago Circle Campus  
Dr. NAT E. SMITH, Assistant Dean, College of Medicine, Medical Center Campus

##### *Non-University Representatives*

RUEL HALL, County Superintendent of Schools, Kankakee County, Kankakee 60901  
R. C. MCKAHAN, General Operations Supervisor, Illinois Bell Telephone Company,  
225 West Randolph Street, Chicago 60606  
BOB WILLIAMS, Director of Training Branch, Rock Island Arsenal, Rock Island  
61201

I concur.

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

#### CHAIRMANSHIP OF THE DEPARTMENT OF ECONOMICS, URBANA

(3) The Acting Dean of the College of Commerce and Business Administration recommends the appointment of Dr. Marvin Frankel, presently on the faculty, as Professor of Economics on indefinite tenure and Chairman of the Department of Economics at Urbana for two years beginning with the academic year 1967-68 at an annual salary of \$20,000, on an academic year basis.

Professor Frankel will succeed Professor John F. Due who requested that he not be considered for reappointment as Chairman of the Department.

This recommendation is submitted after consultation with the Executive Committee of the Department, and is concurred in by the Chancellor of the Urbana-Champaign campus and the Dean of the Graduate College.

I recommend approval.

On motion of Mr. Swain, 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; G— special tenure; Q— initial term appointment for Professor or Associate Professor; T— terminal appointment; 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).

1. A. OWEN ALDRIDGE, Professor of French, Urbana, beginning September 1, 1967, at an annual salary of \$21,500 (A).
2. PETER C. ALTNER, Assistant Professor of Orthopaedic Surgery, College of Medicine, on nine-tenths time, beginning June 1, 1967, at an annual salary of \$15,000 (1Y90).
3. ELMER H. ANTONSEN, Associate Professor of Germanic Languages and Literatures, Urbana, beginning September 1, 1967, at an annual salary of \$15,000 (A).
4. WALTER L. ARNSTEIN, Professor of History, Urbana, beginning September 1, 1968, at an annual salary of \$16,000 (A).
5. DAVID H. BAKER, Assistant Professor of Animal Science, Urbana, beginning September 1, 1967, at an annual salary of \$12,000 (1Y).
6. HALE C. BARTLETT, Associate Professor of Management, College of Business Administration, Chicago Circle, beginning September 1, 1967, at an annual salary of \$13,000 (Q).
7. HENRY L. BECKLEY, JR., Assistant Professor of Industrial Administration and Business Administration, Urbana, beginning September 1, 1967, at an annual salary of \$11,500 (1).
8. HAROLD E. BENZINGER, JR., Assistant Professor of Mathematics, Urbana, beginning September 1, 1967, at an annual salary of \$9,000 (1).
9. BRUCE C. BERNDT, Assistant Professor of Mathematics, Urbana, beginning September 1, 1967, at an annual salary of \$9,500 (1).
10. AUDREY S. BINGEL, Assistant Professor of Pharmacology, in the Department of Pharmacognosy and Pharmacology, College of Pharmacy, beginning September 1, 1967, at an annual salary of \$9,500 (1).
11. DANIEL B. BLAKE, Assistant Professor of Geology, Urbana, beginning September 1, 1967, at an annual salary of \$10,000 (1).
12. JOHN D. BREDEHOEFT, Visiting Associate Professor of Geology, Urbana, for the academic year 1967-68, at a salary of \$15,000 (E).
13. GEORGE E. G. CATLIN, Visiting Professor of Political Science, Urbana, for four and one-half months from September 16, 1967, at a salary of \$10,000 (E).
14. RICHARD I. CHANG, Assistant Professor of Linguistics, on 85 per cent time, and in Asian Studies, on 15 per cent time, Urbana, beginning September 1, 1967, at an annual salary of \$10,000 (4).
15. KUO-TSAI CHEN, Professor of Mathematics, Urbana, beginning September 1, 1967, at an annual salary of \$20,000 (A).
16. RUTH ANNE CLARK, Assistant Professor of Speech, Urbana, beginning September 1, 1967, at an annual salary of \$10,000 (1).
17. BARBARA COHEN, Assistant Professor of Nursing, College of Nursing, beginning September 1, 1967, at an annual salary of \$9,000 (1).
18. ROBERT E. CONDON, Associate Professor of Surgery, College of Medicine, beginning July 1, 1967, at an annual salary of \$26,000 (AY).
19. MARK P. COSTELLO, Assistant Professor of English, Urbana, beginning September 1, 1967, at an annual salary of \$9,000 (1).
20. EVERETT C. DADE, Professor of Mathematics, Urbana, beginning September 1, 1967, at an annual salary of \$20,000 (A).
21. PATRICIA F. DAY, Assistant Professor of Health Science and Staff Physician, Health Service, Urbana, beginning September 1, 1967, at an annual salary of \$17,000 (1Y).

22. JOHANNES M. J. DE WET, Professor of Plant Cytogenetics, Department of Agronomy, Urbana, beginning September 1, 1967, at an annual salary of \$17,000 (AY).
23. HAROLD G. DIAMOND, Assistant Professor of Mathematics, Urbana, beginning September 1, 1967, at an annual salary of \$10,500 (1).
24. LLOYD E. EASTMAN, Associate Professor of History, Urbana, beginning September 1, 1967, at an annual salary of \$12,500 (A).
25. S. Y. ETTINGER, Visiting Research Assistant Professor in the Coordinated Science Laboratory, Urbana, beginning July 13, 1967, at an annual salary of \$12,500 (DY).
26. WALLACE D. FARNHAM, Visiting Professor of History, Urbana, for the academic year 1967-68, at a salary of \$14,500 (E).
27. WILLIAM L. FASH, Associate Professor of Architecture, Urbana, beginning September 1, 1967, at an annual salary of \$12,500 (A).
28. FREDERICK C. FLIEGEL, Professor of Rural Sociology, in the Department of Agricultural Economics and in the Department of Sociology, Urbana, beginning January 1, 1968, at an annual salary of \$20,000 (AY).
29. SUSAN C. FORD, Assistant Professor of Classics, Urbana, beginning September 1, 1967, at an annual salary of \$9,000 (1).
30. JAMES W. FOSS, Assistant Professor of Architecture, Urbana, beginning September 1, 1967, at an annual salary of \$10,500 (1).
31. DONALD K. FRIESEN, Assistant Professor of Mathematics, Urbana, beginning September 1, 1967, at an annual salary of \$9,000 (1).
32. JAMES W. GARLAND, JR., Associate Professor of Physics, Chicago Circle, beginning September 1, 1967, at an annual salary of \$12,500 (Q).
33. ABRAHAM GELPERIN, Associate Professor of Preventive Medicine and Community Health, College of Medicine, on four-fifths time, beginning July 1, 1967, at an annual salary of \$22,600 (QY80).
34. CARL H. J. GENTZ, Visiting Assistant Professor of Pediatrics, College of Medicine, for eleven months from August 1, 1967, at a salary of \$16,500 (G).
35. DOROTHY F. GILLANDERS, Professor of Physical Education for Women, Chicago Circle, beginning September 1, 1967, at an annual salary of \$13,500 (A).
36. LEONARD E. GOODALL, Associate Professor of Political Science, Chicago Circle, beginning September 1, 1967, at an annual salary of \$13,500 (A).
37. GEORGE B. GRAEN, Assistant Professor of Psychology, Urbana, beginning September 1, 1967, at an annual salary of \$9,500 (1).
38. EDWARD M. GRIFFIN, Assistant Professor of Vocational and Technical Education and in Educational Placement, Urbana, beginning September 1, 1967, at an annual salary of \$14,000 (3Y).
39. CHAIM GUTFINGER, Associate Professor of Energy Engineering, Chicago Circle, beginning September 1, 1967, at an annual salary of \$12,500 (Q).
40. NECIP GUVEN, Visiting Assistant Professor of Geology, Urbana, for the academic year 1967-68, at a salary of \$10,500 (E).
41. PALLE HANSEN, Visiting Professor of Accountancy, Urbana, for four and one-half months from September 16, 1967, at a salary of \$9,000 (E).
42. HELEN M. HEITMANN, Associate Professor of Physical Education for Women, Chicago Circle, beginning September 1, 1967, at an annual salary of \$13,000 (A).
43. MARSHALL HERTIG, Visiting Professor of Epidemiology, Center for Zoonoses Research, College of Veterinary Medicine, Urbana, beginning June 16, 1967, without salary (DY).
44. KEITH A. HITCHINS, Associate Professor of History, Urbana, beginning September 1, 1967, at an annual salary of \$13,000 (A).
45. CARL G. JOCKUSCH, JR., Assistant Professor of Mathematics, Urbana, beginning September 1, 1967, at an annual salary of \$9,500 (1).
46. SHMUEL KANTOROVITZ, Associate Professor of Mathematics, Chicago Circle, beginning September 1, 1967, at an annual salary of \$15,000 (A).
47. HAROLD H. KASSARJIAN, Visiting Associate Professor of Marketing, Urbana, for the academic year 1967-68, at a salary of \$15,000 (E).
48. BOYD R. KEENAN, Professor of Political Science, Chicago Circle, beginning September 1, 1967, at an annual salary of \$17,000 (A).
49. CLARA M. KIRK, Visiting Professor of English, Chicago Circle, on one-half time, for the academic year 1967-68, at a salary of \$8,000 (E50).

50. RUDOLF KIRK, Visiting Professor of English, Chicago Circle, for the academic year 1967-68, at a salary of \$16,000 (E).
51. AMY J. KNORR, Visiting Professor of Vocational and Technical Education, Urbana, for the academic year 1967-68, at a salary of \$12,000 (E).
52. RICHARD LARSON, Assistant Professor of Mathematics, Chicago Circle, beginning September 1, 1967, at an annual salary of \$10,000 (3).
53. LEON M. LEVY, Assistant Professor of Art, Chicago Circle, beginning September 1, 1967, at an annual salary of \$9,500 (1).
54. JEFF E. LEWIS, Assistant Professor of Mathematics, Chicago Circle, beginning September 1, 1967, at an annual salary of \$9,800 (1).
55. DAVID M. LONG, Associate Professor of Surgery, College of Medicine, beginning September 1, 1967, at an annual salary of \$26,000 (QY).
56. LEONARD A. LOPEZ, Assistant Professor of Civil Engineering, Urbana, beginning September 1, 1967, at an annual salary of \$11,000 (1).
57. ADAM MAKKA, Assistant Professor of English, Chicago Circle, beginning September 1, 1967, at an annual salary of \$11,000 (1).
58. VALERIE B. MAKKA, Assistant Professor of English, Chicago Circle, beginning September 1, 1967, at an annual salary of \$9,500 (1).
59. ANNE MARKHAM, Assistant Professor of Art, Chicago Circle, beginning September 1, 1967, at an annual salary of \$9,500 (1).
60. D. GEORGE MCRAE, Assistant Professor of Mathematics, Urbana, beginning September 1, 1967, at an annual salary of \$9,000 (1).
61. RICHARD L. MERRITT, Associate Professor of Political Science, on two-thirds time, and in the Institute of Communications Research, on one-third time, Urbana, beginning September 1, 1967, at an annual salary of \$15,000 (A).
62. DARRELL A. MILLER, Associate Professor of Plant Breeding and Genetics, in the Department of Agronomy, Urbana, beginning June 20, 1967, at an annual salary of \$16,500 (AY).
63. THEODORE MISCHER, Visiting Professor of Philosophy, Urbana, for four and one-half months from September 16, 1967, at a salary of \$9,500 (E).
64. JEAN MISRAHI, Visiting Professor of French, Urbana, for the academic year 1967-68, at a salary of \$19,000 (E).
65. BIJAN MOHRAZ, Assistant Professor of Civil Engineering, Urbana, beginning September 1, 1967, at an annual salary of \$10,000 (1).
66. N. FREDERICK NASH, Circulation Librarian with rank of Assistant Professor, Library, Urbana, beginning September 1, 1967, at an annual salary of \$9,500 (4Y).
67. SEEV NEUMANN, Assistant Professor of Industrial Administration and Business Administration, Urbana, beginning September 1, 1967, at an annual salary of \$11,500 (1).
68. YVONNE NOBLE, Assistant Professor of English, Urbana, beginning September 1, 1967, at an annual salary of \$9,500 (4).
69. KARL O'LESSER, Visiting Professor of Political Science, Urbana, for the academic year 1967-68, at a salary of \$17,000 (E).
70. KARL F. OTTO, JR., Assistant Professor of German, Chicago Circle, beginning September 1, 1967, at an annual salary of \$9,000 (1).
71. EDWARD PAGE-EL, Assistant Professor of Pediatrics, on one-half time, and in Neurology and Neurological Surgery, on three-tenths time, College of Medicine, beginning September 1, 1967, at an annual salary of \$13,000 (1Y80).
72. JOSEPH PATTERSON, Assistant Professor of Health Education in Health and Safety Education, on 75 per cent time, and in University Extension, on 25 per cent time, Urbana, beginning February 1, 1968, at an annual salary of \$10,500 (1).
73. ALAN J. PESHKIN, Associate Professor of Comparative Education, in the Department of History and Philosophy of Education, Urbana, beginning September 1, 1967, at an annual salary of \$11,000 (Q).
74. NORBERT PFENNIG, Visiting Professor of Microbiology, Urbana, for seven months from September 16, 1967, at a salary of \$11,200 (G).
75. J. RICHARD PHILLIPS, Assistant Professor of Computer Science, Urbana, beginning September 1, 1967, at an annual salary of \$12,000 (1).
76. JOHAN H. W. POULSEN, Assistant Professor of Germanic Languages and Literatures, Urbana, beginning September 1, 1967, at an annual salary of \$9,000 (T).

77. EVERETT A. PRICE, Assistant Professor of Oral Diagnosis, College of Dentistry, on two-fifths time, beginning September 1, 1967, at an annual salary of \$4,000 (BY40).
78. DONALD M. ROBERTS, Associate Professor of Business Administration and Industrial Administration, Urbana, beginning September 1, 1967, at an annual salary of \$15,000 (Q).
79. ROBERT K. RUSHING, Visiting Associate Professor of Law, Urbana, for the academic year 1967-68, at a salary of \$15,500 (D).
80. PAUL E. SAYLOR, Assistant Professor of Computer Science, Urbana, beginning September 1, 1967, at an annual salary of \$11,000 (1).
81. RICHARD T. SCANLAN, Associate Professor of Classics, on 15 per cent time, and of Secondary and Continuing Education, on 75 per cent time, and Counselor, Council on Teacher Education, on 10 per cent time, Urbana, beginning September 1, 1967, at an annual salary of \$16,000 (AY).
82. JOSEPH L. SCHOFER, Assistant Professor of Systems Engineering, on one-half time, and in the Center for Advanced Studies, on one-half time, Chicago Circle, beginning September 1, 1967, at an annual salary of \$10,500 (1).
83. DAVID M. SEGAL, Assistant Professor of Mathematics, Chicago Circle, beginning September 1, 1967, at an annual salary of \$9,000 (1).
84. HIDEO SEO, Assistant Professor of Electrical Engineering, Urbana, beginning July 15, 1967, at an annual salary of \$13,000 (1Y).
85. MICHAEL SHAPIRO, Assistant Professor of English, Urbana, beginning September 1, 1967, at an annual salary of \$9,000 (1).
86. KENNETH R. SIVIER, Associate Professor of Aeronautical and Astronautical Engineering, Urbana, beginning September 1, 1967, at an annual salary of \$15,000 (A).
87. HERMAN H. SLAYMAN, Extension Specialist with rank of Associate Professor, in the Division of University Extension, beginning September 1, 1967, at an annual salary of \$14,000 (QY).
88. ROBERT I. SOARE, Assistant Professor of Mathematics, Chicago Circle, beginning September 1, 1967, at an annual salary of \$9,500 (1).
89. CHARLES A. SORRELL, Visiting Associate Professor of Ceramic Engineering, on one-half time, and of Geology, on one-half time, Urbana, for the academic year 1967-68, at a salary of \$14,000 (E).
90. EDWIN N. THOMAS, Professor of Geography, on one-half time, and in the Center for Urban Studies, Chicago Circle, on one-half time, beginning September 1, 1967, at an annual salary of \$17,500 (A).
91. ROBERT F. TIMM, Assistant Professor of Mechanical and Industrial Engineering, Urbana, beginning September 1, 1967, at an annual salary of \$12,500 (1).
92. ROBERT J. TURNBULL, Assistant Professor of Electrical Engineering, Urbana, beginning September 1, 1967, at an annual salary of \$9,700 (1).
93. LEON WALDOFF, Assistant Professor of English, Urbana, beginning September 1, 1967, at an annual salary of \$9,000 (1).
94. JOAN S. WALLACE, Assistant Professor in the Jane Addams Graduate School of Social Work, Chicago Circle, beginning September 1, 1967, at an annual salary of \$11,000 (1).
95. LUITPOLD WALLACH, Professor of Classics, Urbana, beginning September 1, 1967, at an annual salary of \$17,000 (A).
96. BURTON A. WEICHENTHAL, Assistant Professor of Animal Science Extension, Urbana, beginning August 1, 1967, at an annual salary of \$12,000 (1Y).
97. ANNE J. WELLS, Assistant Professor of Nursing, College of Nursing, on one-half time, beginning September 1, 1967, at an annual salary of \$4,500 (D50).
98. ROLLIN G. WRIGHT, Associate Professor of Physical Education for Men, on four-fifths time, and Counselor, University Council on Teacher Education, on one-fifth time, Urbana, beginning September 1, 1967, at an annual salary of \$13,500 (A,D).
99. ALEXANDER ZABRODSKY, Assistant Professor of Mathematics, Chicago Circle, beginning September 1, 1967, at an annual salary of \$9,500 (1).
100. THEO ZEITLER, Assistant Professor of Art, Urbana, beginning September 1, 1967, at an annual salary of \$9,000 (2).

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

### WELDON POWELL PROFESSORSHIPS IN ACCOUNTANCY

(5) On December 8, 1966, the Board of Trustees authorized acceptance of gifts deposited with the University of Illinois Foundation and the establishment of a Professorship in Accountancy named in honor of the late Weldon Powell.

The Department of Accountancy now recommends that the funds received for this purpose by the University of Illinois Foundation be used to establish Weldon Powell Memorial Awards and to establish the Weldon Powell Memorial Lecture-series Series. The memorial awards would be available to Professors of Accountancy on the Urbana-Champaign campus, and the lectureship series would be held either on the Chicago Circle campus, the Urbana-Champaign campus, or elsewhere as seems appropriate.

The funds now on deposit are in excess of \$130,000. Both programs would be supported by these funds and the earnings thereon, with approximately 80 per cent of the contributed funds devoted to support the Weldon Powell Memorial Awards, and 20 per cent to the financial support of the Weldon Powell Memorial Lecture-series Series. Both principal and interest would be expended as needed.

The Executive Vice-President and Provost recommends the establishment of the Weldon Powell Memorial Awards and the Weldon Powell Memorial Lecture-series Series.

I concur.

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

### AMENDMENT OF SECTION 48 OF THE UNIVERSITY OF ILLINOIS STATUTES

(6) With the concurrence of the Chancellors at each campus, I submit for the consideration of the Board an amendment to Section 48 of the *University of Illinois Statutes* so that the Section would read as follows:

#### Dean of Students or Student Affairs

Sec. 48 (a) Upon recommendation of the Chancellor at each campus and on the nomination of the President, the Board of Trustees may appoint biennially a dean who shall have general supervision over extracurricular activities of students at that campus.

(b) The responsibility and authority of this officer are set forth in the *General Rules Concerning University Organization and Procedure*.

I recommend provisional approval of this amendment, with the stipulation that the Trustees defer final approval until the present action has been reported to the Senates of all three campuses for their information and further advice.<sup>1</sup>

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

### REORGANIZATION OF DEAN OF STUDENTS OFFICE, URBANA

(7) The Dean of Students at Urbana has recommended and the Chancellor has concurred in a plan for the reorganization of his office. Appointments to newly-titled positions and rearrangement of responsibilities will be on acting basis during the 1967-68 academic year subject to further review.

The new organization provides that the present Dean of Women will hold the title *Dean of Student Personnel and Dean of Women*, and that the post of Dean of Men, now vacant, be replaced by a new position, *Dean of Student Programs and Services*.

It is expected that during 1967-68 experience with the new plan of operation will permit further development and refinement of the proposal. However, it is the intent of the Dean of Students that the work of his office will be brought to clearer focus in two major administrative positions: (1) the Dean of Student Personnel and Dean of Women will be responsible for personnel and guidance work

<sup>1</sup> Although the amendment contemplates the ultimate discontinuance of the title University Dean of Students, the incumbent (Dean Fred H. Turner) will continue to hold the title during his tenure at the University.

with individual men and women, coordinating closely with the offices of Financial Aid, Foreign Student Affairs, and Coordinating Placement; (2) the Dean of Student Programs and Services will be directly concerned with programs and policies touching student organizations and activities, residence hall programs, the Housing Division, the Union, and the Security Office. Within the academic year, after further consultation, the Dean of Students will propose changes in title for certain Assistant Deans of Men and Women (and other staff members) to reflect their associations with "Student Personnel" or "Student Programs and Services."

The preliminary steps in this reorganization have been undertaken following extensive consultation with all staff members involved, as well as with numerous faculty members, deans of colleges, and administrative officers. The plan is also consistent with national trends.

It is intended that the reorganization described will be implemented in 1967-68 on an interim basis, pending formal amendment of the *Statutes*, and it is with this understanding that I ask approval.

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

#### ADMINISTRATIVE CHANGES. PHYSICAL PLANT DEPARTMENT

(8) Under the University *Statutes*, the Director of the Physical Plant is responsible for "the operation and maintenance of and capital additions to the physical plant at Urbana-Champaign (excluding the Airport, Robert Allerton Park, the experimental farms, and properties maintained by the Athletic Association), at the Chicago Professional Colleges, and at the Chicago Undergraduate Division."

After considerable study related to the functions of the Physical Plant Department and in further defining the specific duties to be delegated to campus administration, I am proposing, with the concurrence of the Chancellors and the Director of the Physical Plant, that effective October 1, 1967, on an interim basis and pending formal amendment of the *Statutes*, the following changes in administrative organization and functions related to the Physical Plant Department:

1. That the operation and maintenance services of the Physical Plant and operation and maintenance of Auxiliary Services at each campus be administered by "Campus Directors," who shall report directly to the Chancellor of that campus.
2. That the present title of "Director of Physical Plant Department" be changed to "University Director of Physical Plant Planning and Construction." He shall report directly to the President and will be responsible at all campuses for campus physical plant planning; planning and construction of new buildings and additions to existing buildings; landscape and site development related to these projects; and land acquisition (excluding the Airport, Robert Allerton Park, experimental farms and areas, and properties maintained by the Athletic Association).

A recommendation will be submitted later on revision of *The General Rules Concerning University Organization and Procedure* to reflect the changes.

It is intended that the changes described will be implemented in 1967-68 on an interim basis, pending formal amendment of the *Statutes*, and it is with this understanding that I ask approval.

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

#### DEPARTMENT OF RECREATION AND PARK ADMINISTRATION. URBANA

(9) On recommendation of the department and with the agreement of other departments concerned, the Chancellor at the Urbana-Champaign campus has approved a change in the name of the Department of Recreation and Municipal Park Administration to "Department of Recreation and Park Administration." Since the formation of the department in 1957, courses have been added to the department's curricula which relate to administration of park systems at other levels as well as at the municipal level; hence, the change will reflect more accurately the department's program.

This action is reported to the Trustees for the record.

On motion of Mr. Hughes, this report was received for record.



**APPROPRIATIONS FOR NONRECURRING EXPENDITURES, URBANA**

(10) The Executive Vice-President and Provost, the Chancellor of the Urbana-Champaign campus, and the Vice-President and Comptroller recommend the following nonrecurring appropriations from:

*Urbana-Champaign General Reserve*

## College of Liberal Arts and Sciences

Department of Geology, equipment.....	\$ 53 600 00
Department of Zoology, equipment.....	11 940 00
<i>Total, Urbana-Champaign General Reserve.....</i>	<i>(\$ 65 540 00)</i>

*Urbana-Champaign Contract Research Reserve*

## College of Agriculture

Department of Forestry, greenhouses and headhouse.....	24 759 00
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*Urbana-Champaign National Science Foundation Cost-of-Education Allowances*

## College of Engineering

Nuclear Engineering Program, balance required to upgrade the Nuclear Reactor, to supplement a grant from the National Sci- ence Foundation .....	40 000 00
<i>Grand Total.....</i>	<i>\$130 299 00</i>

I concur.

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

**REAPPROPRIATION OF UNEXPENDED BALANCES**

(11) The Vice-President and Comptroller recommends that the following balances and overdrafts in budget appropriations June 30, 1967, be carried forward for the fiscal year beginning July 1, 1967, in accordance with the usual policy.

I concur.

*Urbana-Champaign*

Board of Trustees.....	\$ 734 00*
President's Office.....	4 609 00
Vice-President's Office.....	238 00*
Executive Vice-President and Provost.....	16 249 00
Vice-President and Comptroller.....	1 273 00*
Office of Secretary of University.....	7 00*
Admissions and Records.....	3 388 00
Legal Counsel.....	4 319 00
Nonacademic Personnel.....	480 00
Public Information.....	568 00
Dean of Students.....	8 922 00
Health Service.....	205 00*
Agriculture.....	21 148 00
Commerce and Business Administration.....	162 00
Education.....	5 156 00
Engineering.....	6 679 00
Fine and Applied Arts.....	3 401 00*
Graduate College.....	5 190 00*
Journalism and Communications.....	1 136 00*
Law.....	634 00
Liberal Arts and Sciences.....	12 305 00*
Physical Education.....	5 234 00*
University Extension.....	25 266 00*
Veterinary Medicine.....	851 00
Armed Forces.....	158 00

\* Deduct.

Institute of Aviation .....	\$ 5 376 00	
Institute of Government and Public Affairs .....	1 274 00*	
Institute of Labor and Industrial Relations .....	956 00*	
School of Social Work .....	1 165 00	
Summer Session .....	1 647 00*	
University Press .....	34 200 00*	
Library and Library School .....	596 00	
Physical Plant:		
Regular operation and maintenance	\$251 784 00	
Renewals and replacements .....	333 920 00	
Special items .....	73 903 00	659 607 00
Equipment, maintenance, remodeling, renovations, alterations, etc.:		
Office of Vice-President special equipment .....	1 420 00	
Office of Chancellor special equipment .....	18 508 00	
Office of Instructional Resources equipment .....	1 419 00	
Business Office, Bursar, special equipment .....	4 547 00	
Dean of Students equipment .....	3 151 00	
Agriculture Administration special equipment .....	1 740 00	
Agriculture Administration re- modeling room 123 Mumford Hall .....	7 046 00	
Agricultural Engineering special equipment .....	4 764 00	
Agronomy soil sample storage building .....	1 170 00	
Dairy Science minor buildings .....	7 294 00	
Dixon Springs Agricultural Center special equipment .....	3 196 00	
Dixon Springs water system fire protection .....	4 062 00	
Dixon Springs remodeling administration garage .....	1 344 00	
Food Science special equipment .....	3 552 00	
Plant Pathology special equipment ..	2 729 00	
Commerce Administration special equipment .....	2 000 00	
Education Administration special equipment .....	4 847 00	
Civil Engineering special equipment	7 088 00	
Civil Engineering HMRL equip- ment replacement .....	7 790 00	
Civil Engineering equipment NSF matching grant .....	3 408 00	
Electrical Engineering NSF matching grant .....	3 785 00	
Highway Traffic Center special equipment .....	9 552 00	
Mechanical and Industrial Engineer- ing GY 1362 matching .....	5 167 00	
Mechanical and Industrial Engineer- ing NSF GE 8795 matching .....	6 811 00	
Architecture special equipment .....	2 467 00	
Art graphic design laboratory expense .....	4 265 00	
Oriental art special materials .....	2 046 00	

\* Deduct.

Photos and slides Chinese art collection.....	\$ 3 480 00
Music special equipment.....	5 009 00
Concert Band uniforms.....	2 226 00
Band uniforms.....	10 000 00
Krannert Art Museum special equipment.....	8 700 00
Liberal Arts and Sciences Administration special equipment.....	1 100 00
Chemistry equipment NSF 9522 matching.....	15 260 00
Chemistry and Chemical Engineering special equipment.....	12 466 00
Chemistry equipment NSF 1911 matching.....	20 836 00
East Chemistry Building addition equipment.....	8 811 00
Division of General Studies special equipment.....	2 756 00
Geography special equipment.....	1 341 00
Geology special equipment.....	29 587 00
Geology equipment and moving....	26 092 00
Life Sciences NSF matching grant..	1 231 00
Speech special equipment.....	1 400 00
Zoology special equipment.....	2 438 00
Physical Fitness Laboratory special equipment.....	1 155 00
Physical Education for Women special equipment.....	2 047 00
Rehabilitation purchase of buses...	19 836 00
Allerton House replacements.....	11 759 00
Veterinary Clinical Medicine special equipment.....	1 459 00
Willard Airport water distribution system.....	24 253 00
Library public service special equipment.....	10 622 00
Library chemistry library equipment move.....	7 641 00
Nonrecurring unassigned.....	35 934 00
Administration Building remodeling	3 008 00
Altgeld Hall air conditioning.....	2 496 00
Architectural studies for future buildings.....	23 205 00
Armory heating, ventilating, and air conditioning.....	4 755 00
Bevier Hall remodeling room 30....	1 356 00
Burrill Hall equipment controls center.....	24 724 00
Campus trees labeling program....	1 500 00
Davenport Hall remodeling room 113.....	1 292 00
Dairy Science milk handling room..	6 623 00
David Kinley Hall remodeling.....	8 150 00
Education Building remodeling....	5 540 00
Engineering Hall remodeling.....	8 260 00
Engineering Hall remodeling instructional materials center...	4 216 00
Goodwin Avenue temporary relocation.....	2 490 00
1002 West Green Street remodeling	2 724 00
Harker Hall remodeling.....	5 119 00

Highway Material Research			
Laboratory fire damage repairs..	\$ 4 206 00		
Ice Rink remodeling.....	4 500 00		
Illini Hall air conditioning.....	8 030 00		
Illini Union remodeling.....	38 078 00		
Illini Towers remodeling.....	1 927 00		
Large Animal Clinic remodeling fans	1 035 00		
Lincoln Hall air conditioning.....	1 260 00		
Lincoln Hall remodeling.....	7 923 00		
Library-Gregory Hall air			
conditioning.....	5 353 00		
Library remodeling.....	3 690 00		
608 South Mathews Avenue			
remodeling.....	1 035 00		
McKinley Hospital remodeling			
room 314.....	18 792 00		
Mechanical Engineering Building			
remodeling.....	2 400 00		
Mechanical Engineering Building			
and Laboratory air conditioning	9 707 00		
Men's Old Gymnasium pool			
renovation.....	14 953 00		
Mumford Hall and Agronomy			
remodeling.....	27 198 00		
Mumford Hall remodeling.....	1 441 00		
Mumford Hall remodeling TV			
classroom psychology.....	1 344 00		
Natural History Building			
remodeling.....	109 214 00		
Natural History Building			
remodeling geology.....	82 974 00		
Noyes Laboratory remodeling.....	86 801 00		
Nuclear Engineering remodeling			
laboratory.....	4 913 00		
Nuclear Engineering Laboratory re-			
modeling measurement program	9 680 00		
Remodeling and minor additions			
unassigned.....	16 952 00		
801 South Wright Street remodeling	2 355 00		
Tennis courts resurfacing Gregory			
Drive.....	3 448 00		
Tennis courts fences.....	1 471 00		
Transportation Building remodeling	3 670 00		
Turner Hall greenhouse.....	79 964 00		
Veterinary Clinic small animal			
unit remodeling.....	2 285 00		
Veterinary Research Farm			
additional space.....	6 376 00		
1110 West Main Street remodeling..	3 316 00		
Colonel Wolfe School remodeling...	3 738 00		
Women's Gymnasium remodeling..	2 487 00		
Fifty-one items ranging from			
\$259.00 overdraft to \$989.00....	19 824 00	\$1 090 405 00	
<i>Total, Urbana-Champaign.....</i>			\$1 737 406 00
<i>Medical Center</i>			
Executive Vice-President and Provost.....		800 00	
Chancellor's Office.....		2 216 00	
Business Office.....		10 039 00	
Nonacademic Personnel.....		1 171 00	
Public Information.....		1 356 00	
Illustration Studios.....		707 00	
Medical Research Laboratory.....		155 00	

Medicine.....	\$23 737 00	
Dentistry.....	1 711 00	
Pharmacy.....	8 273 00	
Graduate College.....	5 875 00	
Nursing.....	6 729 00	
Physical Education for Men.....	325 00	
Research Resources Laboratory.....	1 861 00*	
Division of Services for Crippled Children.....	41 564 00	
Research and Educational Hospitals.....	185 072 00*	
Library.....	554 00*	
Physical Plant:		
Regular operation and maintenance	\$110 500 00	
Renewals and replacements.....	107 996 00	
Special items.....	116 863 00	335 359 00
Equipment, maintenance, remodeling, renovations, alterations, etc.		
Chancellor's Office furnishings.....	3 973 00	
Chancellor's Office equipment and furnishings.....	1 200 00	
Television audio console.....	6 162 00	
Television monitors.....	3 298 00	
Centennial exhibit.....	3 360 00	
Pharmacology equipment for teaching laboratory.....	9 800 00	
Carl Zeiss spectrophotometer.....	6 997 00	
Chemistry chromatograph and accessories.....	5 321 00	
Pharmacology and Pharmacognosy special equipment.....	2 025 00	
Pharmacy special equipment.....	6 003 00	
Anaesthesiology install manifold...	2 950 00	
Dietary equipment.....	5 850 00	
Photo tube coldrimer and recorder	5 500 00	
Media service laboratory equipment	14 800 00	
Cardiac laboratory equipment.....	9 900 00	
Nursing closed circuit television system.....	22 400 00	
Equipment replacement hospital addition.....	3 555 00	
Pathology microprojector microfilm machine.....	7 615 00	
Radiology isotope scalers.....	2 366 00	
Renovate and relocate radiology equipment.....	16 000 00	
Repair deep x-ray therapy machine	9 000 00	
Ward special equipment.....	46 015 00	
Statistical Services remodeling.....	14 917 00	
Cashier alarm system.....	2 450 00	
Install electric receptacles.....	1 000 00	
Dentistry-Medicine-Pharmacy Building remodeling room 124..	9 304 00	
Dentistry-Medicine-Pharmacy Building modernize storage room 504.....	3 000 00	
Pharmacy Administration remodeling.....	7 200 00	
Install mail chute.....	7 400 00	
Remodeling rooms 458 and 460...	5 688 00	
Air condition rooms 331, 337, 339, and 345.....	4 500 00	
Air condition room 100.....	8 500 00	

\* Deduct.

Air condition dining room.....	\$15 107 00		
Remodel storeroom locker space....	26 973 00		
Darkroom installation.....	15 600 00		
Bathroom facilities room 324.....	2 277 00		
Illinois Eye and Ear Infirmary demolition.....	17 740 00		
Dishwashing complex.....	23 663 00		
Neuropsychiatric Institute remodeling south wing.....	1 236 00		
Admitting Clinic air condition....	28 243 00		
Install video and audio lines.....	1 750 00		
Install television monitors.....	1 427 00		
Stenographic Service air condition..	3 289 00		
Television Studios air condition....	4 385 00		
Install door room 28.....	1 060 00		
Air condition rooms 140, 142, 144, and 151.....	4 051 00		
East Dentistry-Medicine-Pharmacy estimate for remodeling room 176	1 000 00		
Dentistry-Medicine-Pharmacy Building air condition room 510	1 000 00		
Dentistry-Medicine-Pharmacy Building air condition room 524	1 000 00		
Dentistry-Medicine-Pharmacy Building air condition room 507	1 000 00		
Dentistry-Medicine-Pharmacy Building remove benches, hood, sink, room 204.....	1 000 00		
Dentistry-Medicine-Pharmacy Building minor alterations rooms 372 and 373.....	1 000 00		
Dentistry-Medicine-Pharmacy Building minor remodeling rooms 401, 405, and 408.....	1 000 00		
Dentistry-Medicine-Pharmacy Building extend electric power line eighth to tenth floor.....	1 000 00		
Dentistry-Medicine-Pharmacy Building air condition room 318	1 000 00		
Dentistry-Medicine-Pharmacy Building air condition room 332	1 000 00		
Gas and air service new dental unit	1 650 00		
Dentistry-Medicine-Pharmacy Building air condition room 280	1 000 00		
Dentistry-Medicine-Pharmacy Building air condition room 279B	1 000 00		
Install sink and cabinet.....	1 000 00		
Medical Research Laboratory electrical changes room 46.....	1 000 00		
Sixty-seven items ranging from \$22.00 to \$986.00.....	35 713 00	\$456 213 00	
<i>Total, Medical Center</i> .....			\$708 743 00
<i>Chicago Circle</i>			
Executive Vice-President and Provost.....	6 371 00		
Chancellor's Office.....	22 496 00		
Business Office.....	968 00		
Legal Counsel.....	24 00		
Nonacademic Personnel.....	711 00		
Public Information.....	695 00		
Health Service.....	903 00		
Alumni Relations and Records.....	502 00*		
Liberal Arts and Sciences.....	6 892 00		
Engineering.....	2 427 00		
Graduate College.....	4 757 00		

\* Deduct.

Physical Education.....	\$	226 00	
Armed Forces.....		25 00	
School of Social Work.....		330 00*	
Library.....		29 167 00	
Physical Plant:			
Operation and maintenance.....	\$77	650 00	
Renewals and replacements.....	62	249 00	
Special items.....	15	885 00	155 784 00
Equipment, maintenance, remodeling, renovations, alterations, etc.			
Matching Illinois 6-0574			
instructional research.....	40	346 00	
Matching Illinois 7-0098			
instructional research.....	14	365 00	
Bursar special equipment.....	2	908 00	
Education matching title 1 grant...	1	806 00	
Energy Engineering matching			
NSF GY 1402.....	22	800 00	
Information Engineering matching			
NSF GY 1722.....	18	700 00	
Geology equipment for Illinois Eye and Ear Infirmary.....	34	203 00	
Geology matching NSF GY 1946...	7	834 00	
Psychology equipment for Illinois			
Eye and Ear Infirmary.....	1	330 00	
Psychology matching NSF GY 1111	1	619 00	
Speech and Theatre equipment CNB	3	835 00	
Speech and Theatre equipment 11th Street Theatre.....	3	533 00	
Equip Hull House restoration.....	4	039 00	
Stein Building remodeling.....	45	218 00	
Roosevelt Road Building remodeling	3	617 00	
Materials Engineering remodeling			
Illinois Eye and Ear Infirmary..	3	569 00	
Geology remodeling Illinois Eye and Ear Infirmary.....	20	484 00	
Library partitions room 1-230....	3	228 00	
Emergency repairs electrical system	2	400 00	
Seven items ranging from \$146.00 to \$875.00.....	3	293 00	\$239 127 00
Total, Chicago Circle.....			\$ 469 741 00
Grand Total.....			\$2 915 890 00

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

#### CONTRACT FOR REROOFING EAST HALF OF NOYES LABORATORY, URBANA

(12) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$69,990 to Petry Roofing and Sheet Metal Co., Champaign, for replacing the roofing, flashings, gutter linings, downspouts, and lightning protection system on the east half of Noyes Laboratory, Urbana-Champaign campus.

Funds are available from the Physical Plant Department budget for this work. I concur.

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

\* Deduct.

**CONTRACTS FOR REMODELING IN NOYES LABORATORY  
FOR THE DIVISION OF CHEMISTRY, URBANA**

(13) The Director of the Physical Plant and the Vice-President and Comptroller recommend assignment of \$157,280 from the Urbana-Champaign Contract Research Reserve and award of the following contracts, based on the percentages bid for contractors' fees, for remodeling twenty-five rooms in portions of the first, second, third, and fourth floors of Noyes Laboratory for the Division of Chemistry of the College of Liberal Arts and Sciences, Urbana-Champaign, 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 — Dean Evans Co., Champaign.....	4	25	12	\$27 220 00	\$223 220 00
Electrical — G. L. Wilsky, an individual doing business as Downtown Electric, Urbana	15	22	0	6 500 00	42 500 00
Plumbing — Wren C. Thomas and Willis H. Thomas, a partnership doing business as Thomas Plumbing and Heating Company, Urbana	15	38	2	13 540 00	59 540 00
Heating, Piping, Refrigeration and Automatic Tempera- ture Control Systems — W. L. Rogers, an individual doing business as Cool-Rite Refrigeration, Urbana.....	25	35	10	12 100 00	54 200 00
Ventilation and Distribution Systems for Conditioned Air — W. L. Rogers, an individual doing business as Cool-Rite Refrigeration, Urbana.....	25	30	10	19 600 00	89 600 00

Remaining funds for the work are available from a National Science Foundation Grant (\$200,000) and from a previous allocation approved by the Board of Trustees on April 19, 1967.

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.

I concur.

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

**CONTRACTS FOR REMODELING IN NOYES LABORATORY  
FOR THE DEPARTMENT OF ZOOLOGY, URBANA**

(14) The Director of the Physical Plant and the Vice-President and Comptroller recommend assignment of \$53,280 from the Urbana-Champaign General Reserve and award of the following contracts, based on the percentages bid for contractors' fees, for remodeling four rooms in Noyes Laboratory for the Department of Zoology, Urbana-Champaign, 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 — Barber & DeAtley, Inc., Urbana.....	5	25	10	\$3 500 00	\$31 500 00
Electrical — G. L. Wilsky, an individual doing business as Downtown Electric, Urbana..	16	23	0	418 00	2 618 00



	<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>
Plumbing—Wren C. Thomas and Willis H. Thomas, a partnership doing business as Thomas Plumbing and Heating Company, Urbana.....	20	39	5	\$1 264 00	\$5 264 00
Heating, Piping, Refrigeration and Automatic Temperature Control Systems—W. L. Rogers, an individual doing business as Cool-Rite Refrigeration, Urbana.....	30	35	10	760 00	3 360 00
Ventilation and Distribution Systems for Conditioned Air—W. L. Rogers, an individual doing business as Cool-Rite Refrigeration, Urbana.....	30	35	10	610 00	2 610 00

Since W. L. Rogers, an individual doing business as Cool-Rite Refrigeration, Urbana, is the lowest bidder with identical fee percentages for heating, piping, refrigeration and automatic temperature controls system work and for ventilation and distribution systems for conditioned air work, it is also recommended that these two awards be combined in a single contract in lieu of separate contracts.

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.

I concur.

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

#### **CONTRACT FOR CONSTRUCTION OF NEW STEAM SERVICE TO PERSONNEL SERVICES BUILDING, URBANA**

(15) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$18,970 to The Nu-Way Contracting Corp., Chicago, the lowest bidder, for the provision of steam service to the Personnel Services Building, Urbana-Champaign campus.

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

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

#### **CONTRACT FOR PROFESSIONAL DESIGN SERVICES, CHICAGO CIRCLE**

(16) The Vice-President and Comptroller recommends award of a contract to Skidmore, Owings & Merrill, Chicago, for design services, including layout, selection of materials and fabrications for general and special equipment for Behavioral Sciences Center, Site 2, Phase III, Chicago Circle.

The fee will be based on timecard charges at the firm's usual and customary hourly rates, plus 150 per cent to cover overhead and profit. The estimated total expenditure is not to exceed \$67,000.

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

The Director of the Physical Plant concurs in this recommendation.

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

**REQUEST TO ILLINOIS BUILDING AUTHORITY TO CONTRACT  
FOR CONSTRUCTION OF BEHAVIORAL SCIENCES  
CENTER, CHICAGO CIRCLE**

(17) On August 31, 1967, the Illinois Building Authority received bids for the construction of the Behavioral Sciences Center at the Chicago Circle campus. The lowest bidder is Turner Construction Company, Chicago, with a bid of \$8,990,000. Proposals were also received from Gust K. Newberg Construction Co., Chicago, with a bid of \$9,447,000 and S. N. Nielson Construction Co., Chicago, with a bid of \$9,870,000. The lowest bidder is deemed qualified to do the work.

The project is a part of the construction for the Chicago Circle 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 lease the facilities to the University. Funds for rental payments for the present biennium are available in state appropriations to the University. Jurisdiction of the land on which the project will be constructed will also be transferred to the Authority.

The Director of the Physical Plant and the Vice-President and Comptroller recommend that the Board of Trustees request the Illinois Building Authority to award a contract for the described work to the lowest bidder 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 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.

I concur and recommend adoption of the resolutions submitted herewith to implement the official actions required, including authorization for the execution and delivery of the instrument of transfer of jurisdiction of real estate to the Illinois Building Authority.

**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 Turner Construction Company, Chicago, a contract in the amount of \$8,990,000 for construction of the Behavioral Sciences Center 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 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. Swain, the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Page, Mr. Pogue, Mr. Swain; no, none; absent, Governor Kerner, Dr. Weatherly.

**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 Behavioral Sciences Center 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, 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, 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 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"<sup>1</sup> dated September 20, 1967, 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. Grimes, Mr. Hahn, Mr. Hughes, Mr. Johnston, Mr. Jones, Mr. Page, Mr. Pogue, Mr. Swain; no, none; absent, Governor Kerner, Dr. Weatherly.

#### **CONTRACT FOR AUTOMATIC LAWN SPRINKLER SYSTEM FOR MALL AREAS, MEDICAL CENTER**

(18) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$13,300 to Muellermist Irrigation Co., Broadview, the lowest bidder, for furnishing and installing the irrigation system in the Mall area located adjacent and south of the Chicago Illini Union at the Medical Center.

The system will provide for the irrigation of the landscaping in the Mall and the Union Building areas which now has to be done by tank truck.

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

I concur.

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

#### **EMPLOYMENT OF PLANNING CONSULTANTS**

(19) The Director of the Physical Plant and the Vice-President and Comptroller recommend the employment of the following firms for architectural studies and consulting services on long-range campus planning as directed by the University.

##### *Chicago Circle Campus*

Skidmore, Owings & Merrill, Chicago, at a fee of actual costs of technical personnel at customary hourly rates plus 150 per cent.

##### *Urbana-Champaign Campus*

Harry Weese & Associates, Chicago, at a fee of actual costs of technical personnel at customary hourly rates plus 150 per cent.

Funds for the Chicago Circle campus work are available in state capital appropriations to the University, subject to release by the Governor. The assignment of \$15,000 from the Urbana-Champaign General Reserve is recommended for the work at Urbana-Champaign.

I concur.

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

<sup>1</sup> The "Instrument of Transfer" is being filed with the Secretary of the Board for record.

**MODIFICATION OF ARRANGEMENTS FOR ARCHITECTURAL  
SERVICES FOR THE MUSIC BUILDING, URBANA**

(20) The Board at its meeting on April 19, 1967, approved the employment of Richardson, Severns, Scheeler & Associates, Inc., Champaign, for complete architectural services for the Music Building at the Urbana-Champaign campus. On July 26, 1967, the Board of Trustees, at the request of the Illinois Building Authority, amended its previous action and authorized the employment at a fee of 5½ per cent of the budgeted construction costs, and authorization was given for the assignment of the contract to the Building Authority.

The Building Authority has subsequently offered a fee arrangement, which the architect prefers and which will result in a basic fee through the receipt of bids of 4½ per cent of the budgeted construction cost of \$3,545,500, plus additional payments for supervision and construction administration at a rate of .2 of 1 per cent of the budgeted construction cost, plus the cost of actual time in the field of their personnel during construction plus 125 per cent.

As this contract will be assigned to the Illinois Building Authority and as the proposed fee arrangement meets with its approval, the Director of the Physical Plant and the Vice-President and Comptroller recommend that actions of the Board relating to this project be amended as indicated above.

I concur.

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

**ASSIGNMENT OF ARCHITECTURAL AND ENGINEERING CONTRACTS  
TO THE ILLINOIS BUILDING AUTHORITY**

(21) The Seventy-fifth General Assembly declared certain buildings and projects for the University of Illinois at the Chicago Circle, Medical Center, and Urbana-Champaign campuses to be in the public interest, thereby indicating that funding of these projects could be accomplished by the Illinois Building Authority. On July 26, 1967, the Board of Trustees requested the Illinois Building Authority to undertake these projects.

The Director of the Physical Plant and the Vice-President and Comptroller recommend that authorization be given for the assignment to the Illinois Building Authority of the following architectural and engineering contracts relating to projects which the Illinois Building Authority has been requested to finance in the 1967-69 biennium:

*Chicago Circle Campus*

1. Behavioral Sciences Center Building.....Skidmore, Owings & Merrill,  
Chicago
2. Science and Engineering Center Building.....Skidmore, Owings & Merrill
3. Utilities Center Addition.....Sargent & Lundy, Engineers,  
Chicago

*Urbana-Champaign Campus*

1. Small Animal Clinic Building.....Perkins & Will, Chicago
2. Intramural-Physical Education Building.....Holabird & Root, Architects,  
Chicago
3. Women's Gymnasium Addition.....John Sweetnam with Spangler,  
Beall, Salogga and Bradley,  
Decatur

I concur.

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

**TRANSFER OF REACTOR COMPONENTS  
TO MICHIGAN STATE UNIVERSITY**

(22) As a result of the purchase of new equipment, approved by the Board of Trustees on November 10, 1966, certain reactor components and fuel parts of the TRIGA Nuclear Reactor will become surplus property no longer needed in the advancement of the University's nuclear engineering research program.

The United States Atomic Energy Commission, which has control over the use of the fuel parts and which is currently contributing \$126,945 for the purchase of new fuel parts in our updating program, and the National Science Foundation, which furnished the majority of the original purchase funds and which is currently contributing \$141,700 to the updating of the TRIGA Nuclear Reactor, have re-

quested the University of Illinois to make the surplus reactor parts and surplus atomic fuel available to another school without charge for nuclear engineering research purposes.

Guidelines for identifying a school with close ties to the University of Illinois which was located in the Midwest and which had the projected capacity for proper use of these materials in accordance with the requirements of the Atomic Energy Commission and the National Science Foundation were developed. In accordance with these guidelines, the CIC schools were contacted and it has been determined that Michigan State University is the only school from among those contacted which is both interested and fully capable of making best use of these materials. Consequently, it is proposed that these surplus reactor components and the surplus fuel parts be transferred to Michigan State University without charge.

As a part of this transfer, the University of Illinois will provide technical instruction to Michigan State University personnel with respect to operation of the equipment, and the University of Illinois will assume responsibility for removal and packaging of all materials for delivery to a carrier to be designated by mutual agreement. For these services, Michigan State University will pay to the University of Illinois the amount of \$16,500 less the cost of shipping the fuel from the Urbana reactor site to the designated site at Michigan State University. However, in no event shall the payment to the University of Illinois be less than \$13,500 f.o.b. the Urbana reactor site.

The chairman of the nuclear engineering program, the Vice-President and Comptroller, and the Executive Vice-President and Provost recommend that this transfer be approved in principle and that the Comptroller and Secretary be authorized to enter into a contract with Michigan State University in this respect after first securing written approval of the transfer from appropriate officials of the state of Illinois in accordance with the provisions of the State Property Control Act.

I concur.

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

#### RECOMMENDATIONS FROM COMMITTEE ON COPYRIGHTS AND RECORDINGS

(23) The Committee on Copyrights and Recordings has reviewed a request from the College of Liberal Arts and Sciences, Chicago Circle, that a contract be negotiated with McGraw-Hill Book Company for the publication of self-instructional materials in remedial mathematics. Dr. Michael Eraut was commissioned by the University of Illinois at Chicago Circle to prepare the materials for use in the Special Education Project for Disadvantaged Students, with funds being provided by the University.

Two volumes are presently under consideration for revision and publication — with a third volume being contemplated following completion of Dr. Eraut's service for the University. This third volume is not dependent on the first two for publication. The following are the Committee's recommendations:

1. That Dr. Eraut be permitted to negotiate a contract with McGraw-Hill for publication and royalties, subject to final approval by the University — with a royalty rate of no less than 8 per cent.
2. That 60 per cent of royalty income on the first two volumes — including the diagnostic materials — be paid to the University and 40 per cent to the author, Dr. Eraut.
3. That the division of royalties recommended be effective for seven years or for the life of the edition of the first two volumes (including diagnostic materials, in their originally-published form), whichever is later.
4. That any substantial use of the commissioned materials in connection with revised or enlarged editions after the time designated in (3) above be subject to further negotiation of royalty arrangements.
5. That any identification of the University of Illinois with the published work be subject to the approval of the University.

The Executive Vice-President and Provost and the Vice-President and Comptroller endorse these recommendations.

I concur.

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

### CHANGES IN NONACADEMIC POLICY AND RULES

#### Relating to: Holidays; Vacation and Personal Leave; Political Activity; Schedules, Hours, and Overtime; and Conduct and Discipline

(24) Proposed changes in the *Policy and Rules Relating to Compensation and Working Conditions of Nonacademic Employees* relating to: Holidays, Vacation and Personal Leave, Political Activity, Schedules, Hours, and Overtime, and Conduct and Discipline have been under consideration for some time. Consistent with procedures followed in other recent changes and revisions, comments have been solicited by the Director of Nonacademic Personnel from deans, directors, and department heads, and from employee organizations. Draft revisions were submitted to the Nonacademic Personnel Advisory Committees on each campus and to the University of Illinois members of the Employees Advisory Committee of the University Civil Service System of Illinois. Revised drafts were reviewed by the All-University Nonacademic Personnel Advisory Committee.

In the light of such review and upon the recommendation of the Vice-President and Comptroller and the Director of Nonacademic Personnel, the following policy changes are presented to the Board for approval:

#### Holidays

*University-wide General Policy: Holidays and Work Suspensions* — to become effective October 1, 1967

- A. University facilities will be closed, except for necessary operations, on the following holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day.
- B. On these days, eligible employees, as defined by the President, will be excused with pay except that (1) an employee in a Prevailing Rate Craft will be excused and paid for holidays as designated in his respective multi-employer area agreement, and (2) an employee required for necessary operations will not be excused but, pursuant to rules issued by the President, may be given his holiday pay at his regular rate plus one and one-half times his regular rate for all hours worked.
- C. Work will be suspended at other times only as approved by the President or the appropriate Chancellor who shall decide in each case whether employees' schedules for work will be excused with or without pay.

In general, the new text differs from earlier language in seeking to provide more uniformity and in relating policy to a redefinition of prevailing rate groups.

#### Vacation and Personal Leave

The revised policy statement conforms to standards recommended by the Merit Board of the University Civil Service System of Illinois at its July 26 meeting. The general objective is to attain a common vacation plan for the three campuses of the University of Illinois.

*University-wide General Policy: Vacation and Personal Leave* — to become effective January 1, 1968

- A. The University provides employees with Vacation and Personal Leave for their use in renewing their physical, psychological, and mental vigor, their enthusiasm for their work, and in satisfying personal needs. The design of the leave contemplates that each employee will use a sizable amount of his available leave for vacation and rest while reserving smaller increments for personal and family reasons.
- B. Vacation and Personal Leave is earned by each employee for pay-status service in a Trainee, Apprentice, Provisional, or Status Appointment, subject to completion of an initial six months of such service.
- C. The amount of Vacation and Personal Leave earned is based upon the hours in pay status and the number of service years completed without break of service.  
(A memorandum on the method of calculating years of service and other technical aspects of Item "C" is being filed with the Secretary of the Board for record.)
- D. An employee may accumulate at his then current earning rate an amount of leave equal to that earned in two service years but upon reaching this accumulation will cease to earn leave except as the accumulation is reduced.

In addition to a number of technical changes, particularly in the Rules of Administration, the revised statement differs from the existing statement in that: personal leave and vacation benefits are combined into a single account; eligibility is clarified and standardized; a uniform definition of the service year is established throughout the University; the present deferral of vacation is discontinued but a maximum accumulation of up to two years at the current earning rate is permitted; and payment of cash in lieu of vacation is not contemplated but once the maximum accumulation is reached, further leave is not earned except as the accumulation is reduced.

#### Political Activity

Currently, various provisions relating to the political activity of nonacademic employees appear in State statutes, University General Rules, Civil Service statutes and elsewhere but are not easily available in a single reference. Therefore, it is proposed that the *Policy and Rules* include references to such provisions advising employees where they may be found and their general nature. In addition, employees would be directed to appropriate University offices where questions about the provisions can be answered.

The Director of Nonacademic Personnel also has proposed that a general statement of policy, positively phrased, be provided to encourage employees to exercise the rights they possess as citizens to the extent they are not limited by the existing provisions.

Accordingly, the following statement of policy is recommended to become effective October 1, 1967:

##### *University-wide General Policy: Political Activities*

Employees are encouraged to exercise their rights and obligations as citizens and to participate in political activities except those that are prohibited by law or conflict with their University duties.

#### Schedules, Hours, and Overtime

*University-wide General Policy: Schedules, Hours, and Overtime* — to become effective October 1, 1967

Work schedules, the number of hours to be worked and starting and quitting times shall be established by the President or under his authority.

Work schedules may be changed from time to time to meet varying conditions of the University's programs.

The University may require employees to work overtime. Overtime work shall be limited to unusual, essential, or emergency situations and, insofar as practicable, shall be fairly distributed.

In general, the new text is a delegation of the President of the University to establish work schedules, the hours to be worked and starting and quitting times. The present policy which is being superseded established actual work schedules. As the maximum weekly hours and the minimum overtime rates are now established by Statute (e.g., the Fair Labor Standards Act), it appears desirable to give the President discretion to establish work schedules and rules within these statutory limitations. The manner in which this discretion will be exercised is reflected in the proposed rules, a copy of which is being filed with the Secretary of the Board for record.

#### Conduct and Discipline

The text of the proposed policy statement follows. The purpose of this statement is to lay a foundation upon which the President may issue appropriate guides for employee conduct. The policy will become effective upon adoption by the Trustees.

##### *Basic Policy: Conduct and Discipline*

Employees are expected to perform their work efficiently and effectively and to be mindful of the public expectations of the University and of University employees. Supervisors are expected to provide leadership for the group they supervise, to respect the dignity and rights of employees as individuals, and to set an example by their own conduct, attitude, and work habits. Appropriate disciplinary measures should be applied firmly, consistently, and impartially.

The present *Policy and Rules* contain a ban on solicitation but no other rules on Conduct and Discipline. Several months ago, Governor Kerner issued a Code

of Conduct applicable to employees under the State Personnel Code. Many other public and private employers have similar codes. The Civil Service Handbook contains a listing of specific items for which discipline may be imposed but does not include some important ones, e.g., unsatisfactory work performance. The rules, in this case actually guides, which the President proposes to issue at this time are being filed with the Secretary of the Board for record.

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

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

#### **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 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*

Purchases Authorized .....	\$ 5 353 00
Purchases Recommended .....	186 149 40
	<u>\$191 502 40</u>

##### *From Institutional Funds*

Purchases Authorized .....	26 495 00
Purchases Recommended .....	280 121 43
	<u>\$306 616 43</u>
<i>Grand Total</i> .....	<u>\$498 118 83</u>

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 Director of Purchases in amounts of \$2,500 to \$5,000. A copy of this report is filed with the Secretary.

This report was received for record.

#### **INVESTMENT REPORT**

##### **Report of the Finance Committee**

(27) The Finance Committee reported the following changes in investments of endowment funds for the months of June and July, 1967:

##### *Endowment Pool*

Sale	
\$21 000 Columbia Gas System 4¾ per cent bonds due 10/1/81....	\$ 19 687 50
Purchase	
\$10 000 Natural Gas Pipeline 4½ per cent due 9/1/84.....	8 800 00



*Miller**Purchase*

\$10 000 Commercial Credit Corp. open-end demand notes.....	\$	10 000 00
40 000 Martin-Marietta Corp. 5½ per cent SF Deb. due 4/15/92..		39 048 00
100 shares Honeywell common stock.....		7 596 55
900 shares Household Finance Corp. common stock.....		26 326 14

**Report of the Comptroller**

The Comptroller reported the following changes in investments of current and unexpended plant funds, which he has been authorized to make, for the months of June and July, 1967:

*Current Funds**ART OBJECTS**Purchase*

\$71 000 CIT Financial Corp. open-end demand notes.....	\$	71 000 00
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*CURRENT FUNDS (Chicago Circle)**Purchase*

\$300 000 First National Bank of Chicago C/D due 12/29/67.....		300 000 00
200 000 U.S. Treasury bills due 12/31/67.....		195 968 00

*RESTRICTED GROUP**Sale*

\$ 250 000 Hallmark Cards notes due 10/16/67.....		246 833 33
2 075 000 U.S. Treasury bills due 4/30/68.....	2	001 241 21

*Purchase*

\$ 250 000 Clark Equipment Credit Corp. notes due 10/16/67.....		246 833 33
750 000 Hallmark Cards notes due 10/16/67.....		738 322 92
1 000 000 First National Bank Chicago C/D due 11/3/67.....	1	000 000 00
1 000 000 First National Bank Chicago C/D due 11/6/67.....	1	000 000 00
1 000 000 Cargill notes due 1/3/68.....	1	000 000 00
1 000 000 Continental Illinois National Bank C/D due 1/3/68....	1	000 000 00
500 000 Hallmark Cards notes due 1/16/68.....		500 000 00

*STAR COURSE CENTENNIAL SERIES**Purchase*

\$10 000 U.S. Treasury bills due 2/29/68.....		9 716 83
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*Construction Funds**ASSEMBLY HALL**Purchase*

\$255 000 U.S. Treasury bills due 9/30/67.....		252 556 98
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*KRANNERT CONTRIBUTIONS**Sale*

\$21 000 Commercial Credit Corp. open-end demand notes.....		21 000 00
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*Purchase*

\$285 500 Beneficial Finance 6 per cent due 6/29/73.....		285 500 00
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*DENTAL-MEDICAL-PHARMACY AUXILIARY (Medical Center)**Purchase*

\$140 000 U.S. Treasury 4½ per cent notes due 8/15/67.....		140 262 50
130 000 U.S. Treasury 4½ per cent notes due 11/15/68.....		128 578 13

*FLORIDA AVENUE RESIDENCE HALLS**Purchase*

\$207 000 U.S. Treasury bills due 9/30/67.....		205 014 41
320 000 U.S. Treasury bills due 6/30/68.....		305 234 67

*GRADUATE HOUSING**Sale*

\$6 000 U.S. Treasury bills due 9/28/67.....		5 962 14
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<b>Purchase</b>	
\$259 000 U.S. Treasury bills due 9/28/67.....	256 619 36
<b>UNION (Chicago Circle)</b>	
<b>Sale</b>	
\$5 000 U.S. Treasury bills due 9/14/67.....	4 965 44
<b>Purchase</b>	
\$10 000 U.S. Treasury bills due 9/7/67.....	9 931 75
40 000 U.S. Treasury bills due 9/14/67.....	39 631 96
<b>UNION AND RESIDENCE HALL (Medical Center)</b>	
<b>Purchase</b>	
\$235 000 U.S. Treasury bills due 9/14/67.....	233 109 10
<b>Sinking Funds</b>	
<b>HOUSING REVENUE BONDS</b>	
<b>Purchase</b>	
\$1 332 000 U.S. Treasury 4¼ per cent notes due 8/15/68.....	1 321 593 75
99 000 U.S. Treasury 4 per cent bonds due 2/15/69.....	97 576 88
<b>MEN'S RESIDENCE HALLS OF 1956</b>	
<b>Purchase</b>	
\$30 000 U.S. Treasury 3¾ per cent bonds due 8/15/68.....	29 906 25
13 000 U.S. Treasury 4 per cent bonds due 2/15/69.....	12 821 25
<b>UNION AND RESIDENCE HALL (Medical Center)</b>	
<b>Purchase</b>	
\$26 000 U.S. Treasury bills due 11/24/67.....	25 613 67
17 000 U.S. Treasury 4 per cent bonds due 2/15/70.....	16 628 13
This report was received for record.	

**COMPTROLLER'S REPORT OF CONTRACTS**

(28) The Comptroller's report of contracts executed during the period July 1 to August 31, 1967.

**New Contracts**

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
DeKalb Agricultural Association, Inc.	Maize genetics	\$ 3 500 00
Federal Aviation Administration FA-67-CE-4822	Reimbursement for land acquisition — Willard Airport	70 694 00
Moorman Manufacturing Company	Variations in mineral balances related to nitrogen and carbohydrate sources	9 000 00
United States Air Force AF-AFOSR-66-1147B	Gas laser studies in the 50 to 1000 micron range of the electromagnetic spectrum	56 000 00
F01600-67-C-0487	Instruction to government selected students	8 640 00
F01600-68-C-0028	Flight instruction to AFROTC students	12 495 00
United States Arms Control and Disarmament Agency ACDA/E-138	Study to evaluate the feasibility of developing objective criteria for determining policy on pensions, severance pay, and related benefits for laid-off defense workers	42 124 00
United States Army		
DAAK 02-67-C-0546	Device for passive night vision image conversion	136 885 00
DA-ARO-D-31-124-G944	High-energy plasmas by means of gaseous lasers	6 000 00
DACW 39-67-C-0097	Analytical methods for evaluating the stability of excavation slopes in rock under static loading	13 297 00
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)	3 600 000 00

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
United States Department of Health, Education, and Welfare		
68-2-ST(B)	Child welfare training grant	\$ 9 334 00
OE-92-000491	College library resources program (Urbana)	108 414 00
OE-92-000492	College library resources program (Chicago Circle)	5 000 00
OE4-7-000051-3629	Continuation of the Language and Area Center for Latin America	45 000 00
OE4-7-000058-3636	Continuation of the Russian Language and Area Center	74 000 00
OE4-7-000070-3648	Continuation of an Asian Studies Language and Area Center	37 000 00
PH 86-67-206	Sampling and evaluation of coal mines in Illinois by the Illinois Geological Survey	75 261 00
United States Office of Economic Opportunity		
CG-8884	Head start training program	203 579 00
CG-8889	Head start demonstration	122 722 00
United States Office of Water Resources Research		
14-01-0001-1081	Water resources center institute	100 000 00
14-01-0001-1497	Economic analysis of water use in Illinois agricul- ture	38 100 00
14-01-0001-1498	Boundary effects on jet flow patterns related to water quality and pollution problems	22 005 00
14-01-0001-1499	Effect of raindrop impact and surface roughness on sheet flow	28 950 00
14-01-0001-1500	Catalytic oxidation of organic compounds in waste waters	13 572 00
United States Navy		
N00600-68-D-0074	Education and training of Naval students	5 800 00
N00600-68-D-0124	Instruction for Navy personnel	138 000 00
<i>Total</i>		<i>\$4</i> 985 372 00

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>
State's Attorney of Champaign County	Payment for services rendered by local govern- mental units (Student-Staff Apartments)	\$ 3 612 00

### Leases

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>
John Bruce	Rental of premises at 2008 Bruce Drive, Urbana, Illinois (July 1, 1967, to June 14, 1968)	\$ 2 990 00

### Contract Changes

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
American Cyanamid Company	Cyanamid insecticides on Illinois crops	\$ 1 500 00
The Griffin Wheel Company	Improvement of cast steel railway car wheels	30 750 00
Illinois Department of Conservation	Wildlife research studies	113 834 00
Illinois State Library	Conduct non-credit in-service training programs for public library employees in Illinois	5 000 00
The Institute of Boiler and Radiator Manufacturers	Steam and hot water heating systems	38 000 00
National Lime Association	Lime processing and lime stabilization of soils	27 713 00
State of Illinois, Department of Mental Health		
17-121	Residency training in psychiatry	50 000 00
17-130	Relationship of neonatal hypoglycemia to mental and neurological damage in low birth weight in- fants and twins	124 048 00
1723	Psychosomatic differentiation during infancy	65 057 00
State of Illinois, Department of Public Health	Public health nursing workshop for chronic illness	8 619 00
	Public health nursing workshop for maternal and child health	7 040 00

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
United States Agency for International Development AID/csd-1432	Malaria immunity and vaccination	\$ 199 872 00
United States Air Force AF 29(601)-6850	Development of indices relating the physical properties and engineering behavior of rock	11 344 00
AF 33(615)-3890	Cybernetics research	89 952 00
United States Army DA-18-001-AMC-862(X)	Plan and conduct a conference on direct aeronomic measurements in the lower ionosphere	469 00
United States Atomic Energy Commission AT(11-1)-1502	Photosynthetic processes in cells and model systems	51 533 00
United States Department of Health, Education, and Welfare OEG3-6-061928-1558	The blind learning aptitude test	20 544 00
OEG-3-6-062063-1559	Education of behaviorally disordered children in the public school setting	115 293 00
OEG-3-6-600645-1424	Fellowship for prospective English department chairmen	17 600 00
OEG-3-7-421020-3795	Institute for teaching disadvantaged youth	62 306 00
PH43-65-1031	Vaccines for immunization against viral respiratory infections	84 600 00
PH-43-67-61	Study diagnosis and remediation of minimal brain dysfunction	4 900 00
PH-108-66-192	School smoking education project	135 550 00
United States Department of Labor S4-0124-15-5-004.000	Youth work-training project	566 00
United States Department of the Interior 14-16-0008-698	Establishing certain parameters of hazards to aircraft by migrating birds in the Mississippi flyway	400 00
United States Office of the Secretary of Defense SD-131	Research in the science of materials	2 123 000 00
<i>Total</i>		\$3 389 490 00

### Contract Change Orders

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>
Admiral Heating and Ventilating, Inc.	Cost-plus contract — heating and ventilating 715 South Wood Street, Chicago	\$ 5 952 00
Barber and DeAtley, Inc.	Cost-plus contracts — general	
	Altgeld Hall	4 500 00
	Armory	3 980 00
	David Kinley Hall	3 000 00
	Electrical Engineering Research Laboratory	7 000 00
	Engineering Hall	6 900 00
	McKinley Hospital	3 000 00
Cool-Rite Refrigeration	Cost-plus contract — heating and ventilating Engineering Hall	5 400 00
Emric Electric, Inc.	Cost-plus contracts — electrical	
	Engineering Hall	5 400 00
	Illini Hall	3 200 00
	Mumford Hall	7 000 00
Dean Evans Company	Cost-plus contract — general Noyes Laboratory and Chemistry Annex	4 000 00
Jamar-Olmen Company	Cost-plus contract — air conditioning 715 South Wood Street, Chicago	3 800 00
Julian Engineering Company	Cost-plus contract — heating and ventilating Y.W.C.A.	4 000 00
<i>Total</i>		\$ 67 132 00

### Summary

Amount to be paid to the University.....	\$8 374 862 00
Amount to be paid by the University.....	73 734 00

This report was received for record.

## DEGREES CONFERRED IN AUGUST, 1967

The Secretary presented for record the following list of degrees conferred at Urbana-Champaign on August 15, 1967, on recommendation of the Urbana-Champaign Senate.

## Summary

Graduate College	
Master of Arts.....	180
Master of Science.....	379
Master of Education.....	284
Master of Social Work.....	6
Master of Fine Arts.....	5
Master of Laws.....	1
Master of Television.....	2
Master of Architecture.....	7
Master of Accounting Science.....	12
Master of Business Administration.....	12
Master of Extension Education.....	2
Master of Landscape Architecture.....	3
Master of Urban Planning.....	4
Master of Comparative Law.....	1
Advanced Certificate in Education.....	51
Certificate of Advanced Study in Librarianship.....	2
<i>Total, Graduate College.....</i>	<i>(951)</i>
College of Agriculture	
Bachelor of Science.....	29
College of Engineering	
Bachelor of Science.....	76
College of Liberal Arts and Sciences	
Bachelor of Arts.....	84
Bachelor of Science.....	61
<i>Total, College of Liberal Arts and Sciences.....</i>	<i>(145)</i>
College of Law	
Bachelor of Laws.....	2
Doctor of Law.....	11
<i>Total, College of Law.....</i>	<i>(13)</i>
College of Education	
Bachelor of Science.....	14
College of Commerce and Business Administration	
Bachelor of Science.....	42
College of Journalism and Communications	
Bachelor of Science.....	6
College of Fine and Applied Arts	
Bachelor of Architecture.....	6
Bachelor of Fine Arts.....	16
Bachelor of Music.....	5
Bachelor of Science.....	4
<i>Total, College of Fine and Applied Arts.....</i>	<i>(31)</i>
College of Physical Education	
Bachelor of Science.....	14
College of Veterinary Medicine	
Bachelor of Science.....	1
<i>Total, Degrees Conferred at Urbana-Champaign.....</i>	<i>1,322</i>

## GRADUATE COLLEGE

## Degree of Master of Arts

*In Anthropology*

JOANNE MAGALIS HARRIS, A.B., 1964

KAREN LOUISE LUNDQUIST, A.B., Occidental College, 1962

*In Art Education*

ELEESE VIRGINIA BROWN, B.S., University of New Hampshire, 1963  
CAROL STINGLE CRAFT, B.S., State University of New York (Buffalo), 1961  
KENNETH ALBERT ENGLUND, A.B., Augustana College, 1960  
HONG TATT FOO, B.F.A., 1964  
KAREN LEE GYLLIN, B.S., Illinois State University, 1964  
KERMIT EUGENE LINDBERG, B.F.A., 1954  
DAVID GEORGE LOGAN, B.S., University of Wisconsin, 1963  
LOUISE ANDERSON POND, B.F.A., 1961  
GERALDINE SANDERS, B.F.A., 1966  
ROCHELLE ANN TONER, B.A., Iowa State Teachers College, 1962  
SHARON KOEHNKE WANNER, B.F.A., 1958  
KATHLEEN KELLY WOELL, B.A., Clarke College, 1962; B.A.E., School of the Art Institute of Chicago, 1965

*In Art History*

SUAN GUESS WELCKER, B.F.A., Illinois Wesleyan University, 1964; M.F.A., 1966

*In Classics*

SHARRON ANN BARKDOLL, B.A., North Central College, 1966  
MICHAEL ROBERT COMBER, B.A., University of Cambridge, 1966

*In Economics*

DENNIS EDGAR BOLAND, A.B., University of Michigan, 1965  
FREDERICK LOCKE JOHNSON, B.A., M.A., Indiana State University, 1959, 1960  
STEPHEN LOUIS MEHAY, A.B., Indiana University, 1965

*In Education*

JESSICA HENDERSON DANIEL, B.S., Fayetteville State College, 1964

*In English*

ROSEMARIE ABENDROTH, B.A., Nazareth College, 1966  
BONITA SUSAN BAKER, B.A., Lake Forest College, 1964  
HELEN CAROL BROWNE, B.A., Southern Illinois University, 1965  
CAROLYN MARIE CHRISTENSEN, A.B., Wheaton College, 1966  
NANCY ELLEN DEITZ, B.A., University of Florida, 1966  
LINDA MAE DILBERT, B.A., Northwestern University, 1966  
PATRICIA ANN DOYLE, B.A., College of Saint Francis, 1966  
NORMA JENCKES FRANCIS, A.B., Rhode Island College, 1965  
Yafa GABLINGER, B.A., Hebrew University, 1965  
KAREN MARDELL KEENER, B.A., Augustana College, 1965  
NIEMAT EL-SAYED A. NASSEF, B.A., Ain Shams University, 1963  
BYRON CARL NELSON, A.B., 1967  
BETTY BENTZEN PASTA, A.B., 1966  
SUE LOGAN PRANGE, B.A., Millikin University, 1962  
MELODY ANN EIKENBERRY RUPLEY, B.A., Manchester College, 1965  
ROBERT ERIC SANDERS, A.B., 1966  
MARY MONTGOMERY SAUNDERS, A.B., Duke University, 1966  
JOHN KEITH SHERIFF, B.A., Greenville College, 1966  
SISTER CLEMENT MARY DERNBACH, A.B., St. Xavier College, 1961  
NANCY ANN SOCH, B.A., Saint Mary's College, 1966  
JAMES VICTOR STAUDT, B.A., St. Louis University, 1959  
CHERYL DAWN SUMMERS, A.B., 1966  
BELIAS LANOUÉ THRASHER, B.A., Arlington State College, 1965

*In French*

RYLAND CORNELIUS AMMONS, B.A., University of Virginia, 1965  
SUSAN TRAPPE BLACK, A.B., 1965  
THELMA ZUCKERMAN BOOTH, A.B., 1961  
MARY ELLEN BORDENCA, A.B., Trinity College, 1966  
SUSAN MARIE CAMPANINI, A.B., 1965  
FRANCOIS JEAN DE VRIENDT, A.B., 1966  
RICHARD ALLEN HEFFT, B.A., Harpur College, 1962

- LINDA ABDEL-MALEK MATHEWS, B.A., Cairo University, 1952; Ed.M., University of Buffalo, 1958; Adv.Cert., 1960  
SUSAN LEA RICHARDSON, B.A., University of Washington, 1965  
ELIZABETH MEAD SAFANDA, B.A., DePauw University, 1966  
MARTHA JANE SHERER, A.B., 1966  
SISTER MARY AUSTIN FISCHER, B.S., St. Louis University, 1960  
WILLIAM HENRY SMART, B.A., University of North Carolina, 1965  
INNA TOLSTOY, B.A., Carleton University, 1966

*In Geography*

- GRANT WILKINS SIGSWORTH, B.A., Waterloo Lutheran University, 1965  
WAYNE ARTHUR WALCOTT, B.S., Western Michigan University, 1965

*In German*

- SUSAN JANE BERSCH, B.A., University of Wisconsin, 1965  
SHERRY LIN PETRY, B.A., Manchester College, 1965

*In Greek*

- CATHERINE CUMMISKEY KIRK, A.B., Manhattanville College of the Sacred Heart, 1961

*In History*

- KATHLEEN ELIZABETH BERGAN, B.A., Quincy College, 1966  
LESLIE ANN BILLET, A.B., Syracuse University, 1963  
SAMUEL EARL BOYNTON, B.A., University of California (Santa Barbara), 1965  
HARRY ALLEN BUTOWSKY, B.A., Pennsylvania State University, 1966  
ROBERT MICHAEL CRAIG, B.A., Principia College, 1966  
RUTH CHRISTINE ELY, A.B., Wheaton College, 1966  
SILVIA PARVEI FORGUS, B.A., Lake Forest College, 1961  
CAROL ANN GOLDSTEIN, B.A., Queens College, 1966  
PHYLLIS ANN HALL, B.A., St. Bonaventure University, 1966  
VALENTIN KIRILOVICH KASZUBA, A.B., University of Chicago, 1961  
GUY LORAN LEWIS, A.B., Fresno State College, 1950; B.D., Pittsburgh-Xenia Theological Seminary, 1953  
LEONARD EUGENE OLSON, B.A., DePaul University, 1966  
ALEXANDER SYDORENKO, A.B., 1966  
EVANGELOS GERASSIMOS VALLIANATOS, A.B., 1965  
JOHN SHEPLEY WAGENER, B.A., St. Olaf College, 1966  
BETTE JANE WYCKOFF, B.A., Northwestern University, 1966

*In Labor and Industrial Relations*

- HANJOCHEN WALTER STADTLANDER, B.S., 1966

*In Latin*

- CHARLES LEE BRUNK, A.B., 1966  
JOHN ROGER HOPKINS, B.A., Syracuse University, 1966

*In Linguistics*

- ELIZABETH JANE ALLWARDT, B.A., Valparaiso University, 1965  
JOSEPH FREDERICK FOSTER, B.A., Louisiana State University and Agricultural and Mechanical College, 1965

*In Mathematics*

- HENRY ALFONSO CAMARGO RONCANCIO, B.S., M.S., 1965, 1965  
WILLIAM HOWARD GUSTAFSON, B.A., Wesleyan University, 1967  
JUDITH CAROL HUBERT, A.B., Wheaton College, 1965  
LINDA JEAN NAYLOR, B.A., Carthage College, 1967  
V. R. GOPALA RAO, M.Sc., Andhra University, 1965  
ROBERT CLARK WILLIAMS, B.A., College of the Holy Cross, 1966  
ANTHONY JOHN ZAHORIK, B.A., St. John's University, 1966

*In Philosophy*

- STEPHEN EARL ROSENBAUM, B.A., Baylor University, 1965  
MARGIT FRESE SCHOENFELD, Dipl.Handelslehrer, University of Hamburg, 1956

*In Political Science*

CHARLES EDWARD GLASSER, A. B., Denison University, 1961  
MICHAEL JAMES HOOPER, A.B., University of New Hampshire, 1963  
ROGER LEWIS KNIGGE, B.A., Southern Illinois University, 1966  
LOUISE KRISTINE LINDQUIST, B.A., Augustana College, 1966  
JOHN PATRICK REIDY, A.B., St. Benedict's College, 1965  
JOHN LYNN SULLIVAN, B.S., Georgetown University, 1948

*In Portuguese*

LOUISE ELEANOR BORSOI, B.A., Florida State University, 1964

*In Psychology*

WADE EDWARD CRAIGHEAD, B.A., Abilene Christain College, 1965  
DAVID LEE DEVRIES, A.B., Calvin College, 1965  
JEROME BODAWALT DUSEK, A.B., University of Michigan, 1965  
THOMAS STEPHEN GREENSPON, B.A., Yale University, 1963  
DUANE RICHARD KAUFFMANN, B.A., Goshen College, 1966  
DAVID ROBERT MAY, A.B., Kenyon College, 1963  
PATRICIA SMITH MIKES, B.S., 1965  
NANCY MAHONEY MINAHAN, B.A., College of William and Mary, 1964  
TERENCE ROBERT MITCHELL, A.B., Duke University, 1964; Adv.Dipl., University of Exeter, 1965  
HENRY JOSEPH PIESZKO, B.S., Loyola University, 1965  
DONALD SHELDON SCHAEFFER, B.S., University of Maryland, 1962  
ERICH KARL THOMANEK, B.A., Sir George Williams University, 1962  
ELISABETH SUE WEIDEMANN, B.S., 1963

*In Public Administration*

ROBERT WILLIAM CORY, B.S., Temple University, 1948

*In Russian*

JOHN DOUGLAS CLAYTON, B.A., Cambridge University, 1965  
ROMAN RUDOLPH KOPP, B.A., University of Minnesota, 1965  
LYDIA IRENE SAWARYN, A.B., Rosary College, 1962

*In Social Sciences*

JOHN STANLEY BUTSCH, A.B., 1965  
MARY CAROL FRENZEL, A.B., Trinity College (District of Columbia), 1966  
ROBERTA LOU KASS, A.B., 1966  
JEFFREY HAROLD LITE, B.S., 1965  
JOHN DENNIS LOWREY, B.A., San Jose State College, 1966

*In Sociology*

BRUCE HOLLEY JOHNSON, A.B., Wheaton College, 1959; B.D., Fuller Theological Seminary, 1962  
UDOM VONGSURAWAT, B.Econ., University of Tokyo, 1962  
FRANK JEROME WEED, B.A., Hanover College, 1965

*In Spanish*

CHARLES DONALD BEVELANDER, B.S., Tufts University, 1962  
MARGO CORONA DE LEY, A.B., 1965  
SUZANNE ELIZABETH GOLDSMITH, A.B., Wayne State University, 1965  
NANCY ELIZABETH HAGEBAK, B.A., St. Olaf College, 1963  
EDWARD GEORGE HAYES, A.B., 1965  
JANIS ILENE LUKE, A.B., Indiana University, 1965  
MARILYN R. NATHANSON, A.B., Wayne State University, 1966  
MARSHA HEDY SCHWARTZ, A.B., 1965  
MARGARET LOUISE SNOOK, B.S., Southern Connecticut State College, 1966  
MARY LOUISE SPONSLER, B.S., Illinois State University, 1950  
RONALD ROBERT YOUNG, B.A., Wisconsin State University (Eau Claire), 1965

*In Speech*

STEWART BEACH, B.A., MacMurray College, 1965



- KAREN GAIL BROWN, B.S., Brooklyn College, 1964  
 DAVID ASA CROSSMAN, B.A., DePauw University, 1963  
 ROBERT ANDREW DAHLSTROM, A.B., Wheaton College, 1960  
 BERNETTE VELESCYA DILLON, B.S., Alcorn Agricultural and Mechanical College, 1965  
 MARILYN GOODMAN, B.A., New York State College (Cortland), 1966  
 MARY ANN HAUSMANN, B.A., College of Saint Teresa, 1966  
 RITA KAY HOFF, B.S., Moorhead State College, 1966  
 LA VAHN GERRY HOH, B.A., Wisconsin State University, 1964  
 HERBERT EDSON HUDSON, A.B., 1957  
 STEPHANY LYNN JEROME, B.S., Miami University, 1966  
 JOANNA DIANE JOHNSON, B.S., Purdue University, 1966  
 PHYLLIS ROBERTA KANTER, B.S., 1966  
 RICHARD JOHN KLICH, B.S., 1966  
 IRENE ANN MARIE MARSCH, A.B., Loretto Heights College, 1966  
 SUSIE MAE MEYER, B.A., Wittenberg University, 1966  
 RONALD LEE MOYER, A.B., 1966  
 JUDITH DENISE O'MALLEY, B.A., Clarke College, 1966  
 PAUL WILLIAM OZIER, B.S., Eastern Illinois University, 1962  
 NANCY KATHLEEN POFF, B.A., Western Michigan University, 1961  
 MARY ELIZABETH RIECK, B.A., Augustana College, 1966  
 MARY ANN KEIL SMITH, A.B., Heidelberg College, 1965  
 JAMES ARCE STEVENS, A.B., 1965  
 DAVID NORTH ULRICH, B.A., University of Maryland, 1966  
 CAROL KOVOSKI WAGNER, B.S., 1966

*In the Teaching of English*

- GARY LLOYD BLEWETT, B.A., Rocky Mountain College, 1960  
 TERRY EDWARD HENLEY, A.B., 1966  
 NINA ROSE PULLIAM, A.B., MacMurray State College, 1962  
 JO GARD WEBBER, A.B., 1964

*In the Teaching of English as a Second Language*

- TARA KUMARI SINGWI, B.A., 1967

*In the Teaching of French*

- ESTHER ANN CARLS, A.B., 1966  
 PATRICIA VIRGINIA EGAN, B.A., Rosary College, 1965

*In the Teaching of German*

- DENNIS ALFRED LARSON, A.B., Monmouth College, 1963

*In the Teaching of Russian*

- CONSTANCE O'HARA CURTIN, A.B., Mt. Holyoke College, 1948; A.M., Columbia University, 1950

*In the Teaching of Social Studies*

- MARILYN JEANNE ARNOLD, B.S., Northern Illinois University, 1965  
 HUGH FREDRIC CURTIS, B.S., Illinois State University, 1963  
 LINDA MANN DIAMOND, A.B., 1963  
 MARY JO ANN DONOVAN, A.B., Marquette University, 1961  
 SHEILA SMITH HUEHNER, A.B., 1964  
 PHILIP CHARLES MUGAVERO, B.S.Ed., Chicago Teachers College, 1965  
 SUZANNE STUTZMAN ROBERSON, A.B., Eastern Illinois University, 1963  
 ROSEMARY TERESA ROSICH, B.A., St. Xavier College, 1964  
 ALLEN KEITH SWANSON, B.S., 1960

*In the Teaching of Speech*

- WALTER HERBERT BLUMQUIST, B.A., Florida Southern College, 1962

**Degree of Master of Science**

*In Advertising*

- MARSHALL JAY FELDMAN, B.A., Vanderbilt University, 1965

DAVID HOUSEAL FURSE, A.B.J., University of Georgia, 1965  
JOHN STEPHEN HADLEY, B.S., Texas Christian University, 1963  
GERALD JOSEPH HALEY, B.S., University of Colorado, 1962  
GEORGE BRUCE McLAREN, B.S., Fordham University, 1966  
KENNETH ALBERT PROBST, B.S., Purdue University, 1966  
ANTHONY ALVIN SEIDEL, A.B.J., University of Georgia, 1966  
STUART HARVEY SURLIN, B.S.B.A., Roosevelt University, 1966

*In Aeronautical and Astronautical Engineering*

DAVID WILLIAM CONGLETON, B.S., 1965  
GARY DALE ZINN, B.S., 1966

*In Agricultural Economics*

SURESH CHANDRA BIRLA, M.Sc., Agra University, 1957  
CHARLES EDWARD CAGLEY, B.S., Illinois State University, 1965  
MARSHALL PAUL DANKER, B.S., 1966  
ROBERT JACOB HEMP, B.S., 1949  
DONALD EDWARD JARRETT, B.S., 1966  
PHILIP WARREN SCHLEETER, B.S., 1966  
RONALD RALPH WARFIELD, B.S., 1965

*In Agricultural Education*

TIMOTHY DEAN RAY, B.S., Oklahoma State University, 1966

*In Agricultural Engineering*

RICHARD LEE BENGTSON, B.S., University of Wyoming, 1966  
WILLEM FRANS BRUTSAERT, Agr. Engr., University of Gent (Belgium), 1963  
JOHN DOUGLAS HENDRICK, B.S., Cornell University, 1965  
DOUGLAS EDWARD KENYON, B.Agr.E., Cornell University, 1965  
LARRY WILLIAM SPRINKLE, B.S., 1966

*In Agronomy*

WISIT CHOLITKUL, B.Sc., Kasetsart University, 1961  
EUGENE EMELUWA EZIKE, B.S., 1966  
RAM KHLARI GUPTA, B.Sc., Uttar Pradesh Agricultural University, 1965  
LORENZ ARTHUR KNUTH, B.S.Agr., Chico State College, 1965

*In Animal Science*

KEITH KEARNEY BOLSEN, B.S., 1966  
DONALD ALLISON DAY, B.S., Delaware Valley College of Science and Agriculture, 1965

*In Biology*

MARY LOU ANNE ANDERSEN, B.S., 1965  
VIRGINIA EHL BURLEY, B.S., 1965  
BERNARDINE WICZER DODEK, A.B., 1963  
SANFORD ALLEN GARFIELD, B.A., Chicago Teachers College (North), 1965  
ANN JACOB STOCKER, B.S., Cornell University, 1959

*In Botany*

HELEN MARGARET BARBER, B.A., Elmira College, 1957; M.S., Western Reserve, 1962  
WILLIAM LEE HALVORSON, B.S., Arizona State University, 1965  
MOHAMMAD HOSSAIN MONDAL, B.Ag., M.Ag., University of Dacca, 1960, 1962  
DONALD WESLEY PARK, B.A., Millikin University, 1965

*In Ceramic Engineering*

PHILIP EDWARD BOHABOY, B.S., 1966  
JAMES ALLEN LAIRD, B.S., 1960  
WILLIAM DAVID LONG, B.S., Alfred University, 1966  
WALTER RICHARD OTT, B.S., Virginia Polytechnic Institute, 1965  
CARL DONALD REYNOLDS, JR., B.S., 1966

*In Chemical Engineering*

ABDULLAH ABUD ABBAS, B.S.Ch.E., University of Tulsa, 1966

JAMES ROBERT BRAGG, B.S., Virginia Polytechnic Institute, 1965  
ANASTASIOS JOHN KARABELAS, Diploma, National Technical University (Athens), 1963  
JOHN KEELER-CALCANO, Ingeniero Industrial, Andes Bello Catholic University, 1965  
ROBERT CLIFFORD LINDBERG, B.S.Ch.E., Purdue University, 1965  
PATRICK FRANK TOMLAN, B.S., University of Minnesota, 1965

*In Chemistry*

DANIEL RICHARD BLOCH, B.S., University of Wisconsin, 1962  
JOHN BRIAN FAUGHT, B.Sc., Assumption University of Windsor, 1965  
SOON YUNG HONG, B.S., M.S., Kyungpook University, 1955, 1959  
THOMAS JOHN KISTENMACHER, B.S., Iowa State University of Science and Technology, 1965  
FANG-MAW LIN, B.S., National Taiwan University, 1960  
GARY LELAND MCPHERSON, B.S., University of Arizona, 1965  
MICHAEL SOLOMON ROZEFF, A.B., M.A.T., Harvard University, 1962, 1963  
LOUISA JOSEPHINE SAURO, B.S., Marygrove College, 1964  
HOWARD THEODORE SILVERSTEIN, B.A., Alfred University, 1965  
RONALD STEPHEN STRANGE, B.S., University of Kentucky, 1965

*In Civil Engineering*

PATRICK WILLIAM DRENNON, B.C.E., Georgia Institute of Technology, 1962  
JAMES WILLIAM DUNMYER, B.S., United States Military Academy, 1962  
TERRENCE EDWARD DURBIN, B.S., United States Military Academy, 1966  
ALVIN CHARLESWORTH EDWARDS, B.S., 1966  
RONALD LEE FRIESTAD, B.S., North Dakota State University, 1963  
ALFRED GENE GILBERT, B.A., Morehouse College, 1959  
LONNIE EDWARD HAEFNER, A.B., Northwestern University, 1963  
PAUL KEITH HEILSTEDT, B.S., 1966  
CHARLES HENRY HOFMAYER, B.E., Cooper Union, 1966  
RICHARD HUGH HOULDER, B.S., Northwestern University, 1952  
LAWRENCE FREDERIC KAHN, B.S., Stanford University, 1966  
JAMES J. MALLET, B.Civil Engr., Auburn University, 1955  
NANCY LEE MARY MALLONEE, B.S., St. Louis University, 1963  
REHN MATTHEW MONCRIEF, B.S., United States Air Force Academy, 1966  
GEORGE CHARLES OLEXA, Jr., B.S.C.E., Newark College of Engineering, 1966  
ARGO THOMAS PARRELLO, B.S.C.E., Newark College of Engineering, 1966  
DAVID CLARENCE PEARCE, B.S., United States Military Academy, 1966  
GHANTA KOTESWARA RAO, B.E., Andhra University, 1960; M.E., Osmania University, 1963  
JAMES KELLY SENTER, B.S., Arlington State College, 1966  
GUILLERMO URIBE-CORREA, Ingeniero Civil, Pontificia Universidad Javariana, 1965  
ROBERT JACKSON YOUNG, B.Arch., 1966  
LAWRENCE STEPHEN ZIMMERMAN, B.S., 1965

*In Commercial Teaching*

EUNICE DODEN ZUMDAHL, B.S., Illinois State University, 1964

*In Computer Science*

DUGALD AUSTIN HENDERSON, Jr., B.Sc., Queen's University, 1965

*In Dairy Science*

CHILECAMPALLI ADINARAYANA REDDY, B.V.Sc., Sri Venkateswara University, 1962  
DAVID LEE WAGNER, B.S., University of Wisconsin, 1965

*In Economics*

PAUL ALBERT JORAY, B.S., University of Maryland, 1965  
JOHN ANTON SKOCILICH, B.S.Ed., Northern Illinois University, 1965

*In Education*

ARLENE MAE COSTELLA, B.S., 1964  
NANCY ELYSE GOLDEN, B.S., 1965  
GAIL RENEE TULER FRIEDMAN, B.S. (Educ.), B.S., 1964, 1964  
MICHAEL JOSEPH JAKUPCAK, Jr., B.S., 1964

MARY ANN RAINER, B.S., Northern Illinois University, 1957  
SHARON ROETZEL STEINER, B.S., Southern Illinois University, 1964

*In Electrical Engineering*

PETER ALEXANDER, B.E., University of Canterbury (New Zealand), 1965  
MARCUS LOY BUNTING, B.S., 1966  
DAVID EUGENE BUTLER, B.S., University of Missouri, 1966  
SATYANARAYANA CHALASANI, B.E., Indian Institute of Science (Bangalore), 1964  
GEORGES JEAN CHRETIEN, Dipl. Ing., Ecole Nationale Supérieure des Telecommunications, 1966  
BRIAN LEE CORRIE, B.S., 1966  
FORREST ALAN GREEN, B.S., 1966  
VICTOR JEROME MONTY, B.S.E.E., Newark College of Engineering, 1966  
JOHN PHILLIP MORROW, B.S.E.E., University of Mississippi, 1966  
LAWRENCE ROBERT MURPHY, B.S., 1966  
ALTON BENJAMIN OTIS, JR., S.B., Massachusetts Institute of Technology, 1964  
EARL GORDON PHILLIPS, B.S., 1966  
EARL KENNETH RETHERFORD, B.S.E.E., Purdue University, 1966  
ROGER PHILIP RIES, B.S., 1966  
MARVIN CARSON ROGERS, JR., B.S., 1964  
JACK LEONARD SALTICH, B.S., 1966  
ESAM FAYEZ MUSTAFA SAMARA, B.S., 1965  
HARRY SCHMEICHEL, B.S.E.E., Illinois Institute of Technology, 1965  
PETER WILLIAM SOGNEFEST, B.S., 1964  
JOHN RICHARD THOMAS, B.S., University of Southern Mississippi, 1962  
ISAO TOYOKAWA, B.Sc., University of the Ryukyus, 1963  
RICHARD PETER TURCO, B.S., Rutgers, the State University, 1965

*In Finance*

MARTIN THOMAS CONROY, B.A., St. Procopius College, 1965  
WILLIAM RELLER DESOLLAR II, A.B., 1964  
MARK STANLEY DORFMAN, B.S., Northwestern University, 1966  
GERALD WAYNE PETERSON, B.S.B.A., Drake University, 1966  
EDWARD LOUIS PRILL, B.S., Wisconsin State University (Stevens Point), 1962

*In Food Science*

CARL WAYNE HASTINGS, B.S., 1964

*In Forestry*

ROBERT PAUL GREGORY, B.S., 1965

*In Geology*

JAMES CLIFTON GAMBLE, A.B., Earlham College, 1962  
JOHN WILLIAM VUKOVICH, B.S., University of Wisconsin (Milwaukee), 1964

*In Health Education*

ROBERT JOHN MOORE, JR., B.S., 1962  
SUSAN JANE PETERS, B.S., University of Florida, 1966  
JOHN REESE SEFFRIN, B.S., Ball State University, 1966

*In Home Economics*

GLORIA ARACHELL BROOKS, B.S., Agricultural and Technical College of North Carolina, 1965  
JANICE IRENE MAYFIELD, B.S., Washington State University, 1965  
CAROL LARSON WARFIELD, B.S., South Dakota State University, 1962  
MARY CLARK WILLY, B.S., 1963

*In Industrial Engineering*

HUSENI HATIMBHAI KAPADIA, B.Tech., Indian Institute of Technology, 1966  
AHMET CETIN TAMER, B.S., 1966

*In Journalism*

JONG-YEOL KIM, B.A., Korea University, 1962

JAMES ANTHONY KLOSOWSKI, B.S., 1963  
 ROGER RAY MORRIS, B.S., Morris Harvey College, 1966  
 RAMONA ANN SMITH, B.A., Dickinson College, 1962  
 EVA JANE POWEL THOMAS, B.A., State University of Iowa, 1965

*In Library Science*

RICHARD EDMUND VICTOR ALLWARDT, B.A., Valparaiso University, 1962  
 ARMI KAARINA BARNETT, A.B., Brigham Young University, 1961  
 MARCIA LOUISE BENGIS, B.S., Grove City College, 1964; M.S., 1966  
 ETHEL WOBUS BLOESCH, B.A., Elmhurst College, 1953; S.M.M., Union Theological Seminary, 1955  
 EDNA LOIS BOOZE, B.S., Illinois State University, 1964  
 RUTH BEERY BORDEN, B.Ed., Illinois State University, 1940  
 BETTY MUENCH BREITHAUP, A.B., Asbury College, 1953  
 DWIGHT FRANCIS BURLINGAME, B.S., Moorhead State College, 1965  
 RACHEL RAE CAMPBELL, B.S., Southeast Missouri State College, 1962  
 EMMA SYKES DAVIS, B.S., Virginia State College, 1950  
 PATRICIA CATHERINE FEELEY, A.B., Douglass College, 1966  
 DIANE DUBROW FISHMAN, A.B., Cornell University, 1966  
 ROBERT JOSEPH FORTADO, A.B., Illinois College, 1960  
 WILLIAM CARLISLE GAINES, JR., B.A., Florida Atlantic University, 1966  
 BARBARA JEAN GEISAR, B.A., Milwaukee-Downer College, 1964  
 DOROTHEA HAYMAN GILPIN, B.A., Eureka College, 1959  
 LAURA ELLEN GOWDY, B.A., Monmouth College, 1949; M.A., University of Colorado, 1955  
 JANET KAY GRIFFY, B.S., Eastern Illinois University, 1961  
 WILLIAM HENRY GUNDLAH, B.A., Valparaiso University, 1961  
 NANCY ELIZABETH HARDIN, B.S., 1966  
 CARL BYRON HOLLAND, B.A., Michigan State University, 1960; B.D., Lutheran School of Theology at Chicago, 1964  
 BENITA JANKLE HOWELL, A.B., Duke University, 1965  
 LYNN CAROL ILLBACK, A.B., Wheaton College, 1964  
 ANN LYNN KALKHOFF, A.B., 1966  
 FLORA McLAUGHLIN KEARNEY, A.B., College of William and Mary, 1941; A.M., Radcliffe College, 1942; Ph.D., University of Maryland, 1954  
 NANCY NYE KNIPE, B.A., Lawrence University, 1966  
 SHIH-MAY LI, B.A., MacMurray College, 1965  
 MARY BETH McGUFF, B.A., Siena College, 1965  
 BEVERLY HERSHBARGER MILLER, B.S., Eastern Illinois University, 1955  
 MARGARET PUCKETT MILLER, B.A., Colorado State University, 1964  
 ROSALIND ELAINE MILLER, A.B., Drury College, 1951; M.A.Ed., Washington University, 1961  
 JOHN ANDREW MRAZ, B.S., 1963  
 PATTY LOU MUNN, B.Sc., Ohio State University, 1962  
 CAROLYN SUE ONSTOTT, B.S., Southern Illinois University, 1963  
 BARBARA ANN PAUL, B.A., Roosevelt University, 1966  
 MARILYN LOUISE PAUL, B.A., Sioux Falls College, 1966  
 GENE KEITH RINKEL, A.B., Greenville College, 1950; B.D., Asbury Theological Seminary, 1958  
 BARBARA LOUISE SACKMAN, B.A., Adelphi College, 1966  
 CHARLES MARVIN SCHAEVE, B.S., M.S., 1950, 1951  
 PHILIP RONALD SCOTT, B.S., Ashland College, 1961  
 KATHRYN ANNE SPITZNAS, A.B., 1964  
 ROBERT GAIL STANLEY, B.S., M.S., Kansas State University, 1948, 1949  
 JOHN JOSEPH SZCZEPANSKI, B.S., 1966  
 CAROL MARY NELSON THOMAS, A.B., 1966  
 REBECCA ANNE THOMAS, B.S., University of Tennessee, 1964  
 DOLORES JANEAN THOMPSON, A.B., University of Missouri, 1963  
 DONNIE LEE TOLLIVER, B.S., M.S., Eastern Illinois University, 1960, 1964  
 GEORGE WALTER TOUSSAINT, B.S.Ed., Southern Illinois University, 1957; M.A., State University of Iowa, 1963  
 JILL LEE TROELSTRUP, B.A.Ed., Arizona State University, 1966  
 DELORES BOURAS WALLACE, B.F.A., M.F.A., 1950, 1953

CAROL JANET WEBB, B.A.Ed., University of Arizona, 1949  
NORMAN GRAENING WENTE, B.A., Wartburg College, 1953; B.D., Wartburg Theological Seminary, 1957

*In Management*

JOHN STANLEY FIESE, B.S., 1966  
MOTOKI SHIRASUKA, B.Agr., University of Tokyo, 1962  
CHARLES EDWARD WATSON, B.S., University California, 1966

*In Marketing*

MICHAEL LEWIS COHEN, B.S., 1964  
CHARLES JAN STEWART, B.S., Purdue University, 1962

*In Mathematics*

MARY MARGARET BAKER, B.S., Mundelein College, 1966  
ERIC JOHN BRAUDE, B.Sc., University of Natal, 1965  
VELETA PAULETTE BROOKS, A.B., MacMurray College, 1966  
ROBERT OWEN CARR, B.S., 1966  
JEROME MICHAEL CASEY, B.S., University of Minnesota, 1966  
STEVEN HOWARD COMSTOCK, A.B., MacMurray College, 1965  
KENNETH CHARLES FLOREK, B.A., Saint Mary's College, 1966  
GUNTER GUCKEL, B.S., B.S., 1964, 1965  
HENRY NELSON HAYHOE, B.Sc., Carleton University, 1966  
MICHAEL THOMAS HOGINS, B.A., University of California (Los Angeles), 1965  
ALVIN GEORGE KLEIN, B.A., Saint Louis University, 1966  
BRUCE STEPHEN LUND, B.S., 1967  
MARIE ANTOINETTE MACHNIKOWSKI, B.S., Northern Illinois University, 1965  
VIRGIL JOHN NIEMAN, B.S., Eastern Illinois University, 1964  
JULIUS WALTER OVERBECK, A.B., 1966  
THOMAS SANDS PARKS, B.S., Stanford University, 1963  
ANTHONY JOSEPH PRIETO, B.S., 1966  
ALICE RUTH SCHELLBERG, B.S., 1965  
MILDRED GEORGIA SCHLAPKOHL, B.S., Northwestern University, 1953  
CATHERINE LEIGH STEPHENS, B.A., University of Colorado, 1966  
TA-TUNG CHING TONG, B.A., Tunghai University, 1960; M.A., Brown University, 1964  
MARCIA JEAN UEBBING, B.S., Mundelein College, 1966  
KENNETH MICHAEL VANNELLI, B.S., University of Minnesota, 1966

*In Mechanical Engineering*

ROBERT RAY GOODRICH, B.S., Southern Illinois University, 1960  
GARY WILLIAM HOLMES, B.S., 1966  
ROBERT JOSEPH PODLASEK, B.S., A.B., 1966, 1966

*In Metallurgical Engineering*

BIJOY KISHORE DAS, B.Tech., Indian Institute of Technology (Kharagpur), 1965  
RONALD HENRY GEILS, B.S., Northwestern University, 1966  
DONALD IRWIN POTTER, Ph.B., B.S., Wayne State University, 1964, 1966  
JAMES ALLEN SALSGIVER, B.S., Pennsylvania State University, 1965  
MICHAEL ALLEN SCHMERLING, B.S., 1965  
FRANCIS ANDRÉ VASSORT, Diplôme d'Ingénieur Civil des Mines, Ecole Nationale Supérieure des Mines de Paris, 1965

*In Microbiology*

STEVEN BERNARD ANSLEY, B.S., College of the City of New York, 1966  
PATRICIA ANN ENDA, B.A., St. Xavier College, 1965  
HOWARD MARC GOLDEN, B.S., 1965  
RONALD EDWARD JUREZIZ, B.S., 1965  
PETER JON KNISKERN, B.S., 1965  
KINGSLEY FREDERICK LANGENBERG, B.S., 1965  
DENNIS MICHAEL O'NEIL, B.S., Purdue University, 1964  
BERNADETTE KNUE PACE, B.S., Indiana State College, 1965

*In Mining Engineering*

KAO HSIUNG LIAO, B.S., Taiwan Provincial Cheng Kung University, 1963  
TUKREL RADHAKISHIN THAKUR, B.Eng., University of Madras, 1963  
BISHWA NATH TOMKORIA, B.Sc.(Hons.), Ranchi University, 1966

*In Music Education*

JOHN BRANT ALBERT, A.B., Southern Illinois University, 1964  
VIRGINIA RUTH ARCHER, B.S.M., Bluffton College, 1938  
JOE LOUIS BOYER, B.S., Tennessee Agricultural and Industrial State University, 1962  
ROBERT GEORGE CHASE, B.A., Northland College, 1962  
ROGER RANDOLPH CUNNINGHAM, B.Mus.Ed., Illinois Wesleyan University, 1962  
JON RICHARD DUGLE, B.S., 1965  
AMEL EMILE EILAND, B.M.E., Jackson State College, 1964  
SUZANNE WATKINS FREESE, B.S., 1961  
THOMAS ROY HAGEMAN, B.M.Ed., Illinois Wesleyan University, 1964  
DONNA SUE HITE, B.S.Ed., Northern Illinois University, 1966  
CAROL JANE HOOGEVEEN, B.S., 1966  
WILLIAM DEAN KISINGER, B.S., 1963  
SUNNY JOAN LAWRENCE, B.M.E., Bradley University, 1957  
FREDERICK GEORGE LEVORA, JR., B.S., University of Dayton, 1964  
LARRY RAY MAFFETT, B.S., Eastern Illinois University, 1962  
CAROLYN JOYCE MITCHELL, B.Mus., B.S., 1959, 1959  
BETTY SUE NETHERY PALSGROVE, B.S., Southeast Missouri State College, 1943  
PETER PAUL PARADY, B.S., University of New Hampshire, 1963  
THOMAS ARTHUR PARKER, B.S., Illinois State University, 1962  
JAMES ALAN PHILLIPS, B.S., 1966  
DAVID EUGENE REED, B.S., Eastern Illinois University, 1961  
SHARON KAY REICH, B.M.Ed., Valparaiso University, 1966  
ROBERT JOHN RUCKRIGEL, B.S., 1963  
FRANKIE SWIFT SEABERRY, B.S., Illinois State University, 1958  
WILLIAM ANDREW SHAY, B.S., Wisconsin State University (Stevens Point), 1965  
CHARLOTTE MARIE SOUDER, B.S., Northern Illinois University, 1962  
WILLIE THOMAS SUMMERVILLE, B.S., Arkansas Agricultural, Mechanical and Normal College, 1966  
WILLIAM CURTIS WORRA, B.M., Western Michigan University, 1955

*In Nuclear Engineering*

JAMES CHEH-MIN CHOW, B.S., 1966  
OREST ANTHONY HRYNEWYCH, B.S., 1966  
HAROLD JOSEPH PEARSON, B.S., Tougaloo Southern Christian College, 1966

*In Physical Education*

CAROL JEAN ABERLE, B.S., Illinois State University, 1964  
JOYCE ELLEN CANTILENO, B.A., Queens College, 1964  
MARILYN LAMONT DiLIBERTO, B.S., Kent State University, 1954  
MARTHA ELAINE EWING, B.S., Kansas State University, 1966  
LARRY R. GETTMAN, JR., A.B., Colorado State College, 1966  
PRISCILLA SUE JARBOE, B.S., Indiana University, 1966  
BARBARA JEAN JARVIS, B.S., Central Michigan University, 1962  
MAURICE JOHN JETTE, B.A., University of Ottawa, 1958  
JAMES WILLIAM KOHLER, B.S., 1962  
PETER RICHTER, Diplom, Sportshochschule (Koln), 1963  
RONALD ARTHUR SCHAD, B.A., University of Western Ontario, 1966  
RONALD PETER SCHLEGEL, B.A., University of Western Ontario, 1966  
WILLIAM DARE SNYDER, B.S., 1966  
SANDRA LEE WILHAM, B.S., 1965

*In Physics*

ALLAN WAYNE BJERKAAS, B.S., University of North Dakota, 1966  
GARY RALPH CAMPBELL, B.A., Southern Illinois University, 1965  
JAMES SHIH-TSIH CHANG, B.S., 1965

TED MIYOSHI KOBAYASHI, B.S., United States Military Academy, 1964  
DON ALLEN MARSHALL, B.S., University of Idaho, 1966  
JORGE OSSANDON, Licenciado en Fisica, Austral University of Chile, 1960  
DON LYNN RENFRO, B.S., United States Military Academy, 1964

*In Physiology*

WILLIAM BRADFORD BAKER, A.B., Calvin College, 1965  
RICHARD DEAN BARNETT, B.S., 1964  
PAUL HARLAN BRAMSON, B.S., Colorado State University, 1963  
LAURENCE MICHAEL MITCHEN, B.A., Carthage College, 1965

*In Psychology*

GERALDINE ELIZABETH KELLY, B.S., 1966  
SUSAN JANE PFEIFER, B.S., 1966

*In Recreation*

HENRY ANDREW BERGER, B.S.Ed., State University of New York (Cortland), 1966  
STANLEY THOMAS DORFF, B.S., Wisconsin State University, 1966  
DE SALE GAUTHIER, B.A., University of Ottawa, 1963  
MARILYNN GRACE GUILLAUME, B.S., University of Michigan, 1957  
PHOEBE MARJORIE HAMILTON, B.P.E., University of British Columbia, 1966  
SHARYN SIPE HERB, B.S., Slippery Rock State College, 1966  
DENNIS RAMSAY HOWARD, B.S., University of Oregon, 1966  
SHARON ANN HUBER, B.S., Indiana University, 1966  
RUSSELL JOHN IRVINE, B.P.E., University of New Brunswick, 1964  
DAN WILSON KENNEDY, B.S., 1964  
CHARLIE WAYNE KORINEK, B.S., Arizona State University, 1966  
HAROLD LEE KUND, A.B., Illinois College, 1965  
THOMAS ERROL HARDY LEE, B.A., B.P.E., McMaster University, 1964, 1965  
ROLAND HAROLD SHARER, B.S., Arizona State University, 1966  
JOHN DOUGLAS SINNOTT, B.P.H.E., University of Toronto, 1965  
DAVID LOUIS WIEMER, B.S., Iowa State University, 1955  
MELVIN LEROY WOODS, B.S., Jackson State College, 1962

*In Sanitary Engineering*

GEORGE ALLEN FARNSWORTH, B.S., 1966  
CHARLES ROBERT KERTELL, B.C.E., Rensselaer Polytechnic Institute, 1966  
ALBERT TAKAKI KONDO, B.S., 1966  
JAMES ROBERT QUIN, B.S.C.E., Lafayette College, 1966

*In Speech Correction*

CYNTHIA MAY BISHOP, B.S., New York State College (Brockport), 1965  
BARBARA JEAN LESTER, B.S., Eastern Illinois University, 1965  
MAX BRENTON McDERMOTT, B.S.Ed., Eastern Illinois University, 1964  
SISTER MARY WILMA SMITH, A.B., St. Ambrose College, 1954, A.M., 1962  
KAREN ELAINE TULIN, B.A., University of Maryland, 1966

*In Statistics*

CHI SONG WONG, B.S., National Taiwan University, 1962; M.S., University of Oregon, 1966

*In the Teaching of Biological Sciences and General Science*

CHARLENE ANN NEMEC, B.S.Ed., Northern Illinois University, 1966  
JOHN THOMAS SILVER, B.S., 1966

*In the Teaching of Geography*

STEVEN CURTIN ROBERTS, B.S.Ed., Western Illinois University, 1962

*In the Teaching of Mathematics*

HOWARD ALLAN AMERLAN, B.S., 1966  
PATRICK JOHN BIBBY, B.S., Illinois State University, 1963  
ROGER ALLAN ENGE, B.A., Luther College, 1961  
JOY DIAN FETT, A.B., MacMurray College, 1966



MARILYN ROSE FONTES, A.B., Salve Regina College, 1961  
RONALD WALTER FORDONSKI, B.A., Lewis College, 1963  
DANNY LEROY HADDOCK, B.S., Eastern Illinois University, 1963  
CLEVELAND HOLMES, A.B., Stillman College, 1960  
GERALD JAMES MACNAB, B.S., Illinois State University, 1963  
JUDITH ANN MADARY, A.B., Miami University, 1961  
JON LEROY PEACY, B.S., 1958  
SISTER MARY PAUL HOLDMEYER, B.S., Notre Dame College (Missouri), 1956  
SISTER DAVID MARIE TONER, A.B., Saint Xavier College, 1962  
RICHARD ORVIN SMITH, B.S., Illinois State University, 1965  
JUDITH KAY TURNBULL, B.S., Western Illinois University, 1964

*In the Teaching of Physical Education*

MARY JEAN BOOTHBY, B.S., 1966  
JUDITH ANN MIRUS, B.A., DePauw University, 1966  
KENNETH WALTER ZIMMERMAN, B.S., 1963

*In Theoretical and Applied Mechanics*

SAMUEL LEE HAWKES, B.S., San Jose State College, 1966  
ROBERT PHILLIP HUBBARD, B.S.M.E., Duke University, 1965  
SAMMY AARON KIGER, B.S., 1966  
WILSON LEEMING, B.S., 1957  
JOHN JOSEPH MARCINIAK, B.S.E.S., University of Notre Dame, 1966  
ROLAND BAXTER WILSON, B.S., 1966

*In Veterinary Medical Science*

HAROLD NEIL BECKER, B.S., D.V.M., 1960, 1962  
EDDO CALETTI PAGANIN, Medico Veterinario, University of San Marcos, 1963  
MARVIN ALFRED NORBY, D.V.M., Kansas State University, 1947  
JOHN CARL THURMON, B.S., D.V.M., University of Missouri, 1960, 1962

*In Zoology*

BARRY WALTER ACHE, B.S., Albright College, 1965  
LEE EDWARD ENGSTROM, B.S., Iowa Wesleyan College, 1964  
GREGORY FRANCIS ERICKSON, B.S., North Park College, 1964  
GRETCHEN VAN CAMP HALL, A.B., Albion College, 1962  
JAMES MICHAEL JONES, B.A., Culver-Stockton College, 1965  
SANDRA HAGER KLUG, B.S., University of Wisconsin, 1966  
BILLY LEE REDMOND, B.S., University of Tennessee, 1964  
ROLAND RAY ROTH, B.S., University of Arkansas, 1966  
JAMES MITCHELL SONTAG, B.S., Lamar State College of Technology, 1965  
DAVID LAURENCE THOMAS, B.S., 1964  
ALICE PEPPER VAUGHAN, B.S., Wittenberg University, 1965  
EARL GRAVES ZIMMERMAN, B.S., Indiana State University, 1965

**Degree of Master of Music**

LAWRENCE JOHN DALEY, B.Mus., Roosevelt University, 1962  
DOUGLAS ROBERT DiBIANCO, B.Mus.Ed., University of Notre Dame, 1963  
KENNETH JOHN FERRANTINO, B.S., Northern Illinois University, 1965  
WILMA JEAN GEIL, B.A., Swarthmore College, 1961; M.S., 1964  
PAUL STEVE GORSKI, B.M., 1965  
DAVID CHARLES HOTTMANN, Mus.B., Oberlin College, 1956  
ALBERT CLEMON HUGHES, JR., A.B., B.M., Birmingham Southern College, 1964,  
1964  
JON CLIFFORD HUMPHREY, B.Mus., Baldwin-Wallace College, 1958  
WILLIAM PATTERSON MULLEN, B.Mus., 1966  
CLIFFORD IRWIN OCHAMPAUGH, B.M., Kansas State University, 1966  
DELREEN HAFENRICHTER PHILLIPS, B.Mus., 1966  
RUDOLPH OWENS SHACKELFORD, B.Mus. and Mus.Ed., Richmond Professional Institute, 1966  
LAWRENCE EUGENE WELLER, B.S., B.Mus., 1964, 1964

**Degree of Master of Education**

REVA MCDANIEL ABRAHAM, A.B., University of Kansas, 1937  
 NARONG ANANTARUNGS, B.Ed., College of Education (Bangkok), 1956  
 DONALD DEAN ANGEL, B.A., State College of Iowa, 1959  
 LORRINE ELAINE ARNETT, B.S., Illinois State University, 1964  
 ANITA ROHN ARNEY, B.A., Augustana College, 1965  
 ROBERT DEAN ARNOLD, B.S., Wheaton College, 1961  
 KAY ELAINE ASHDOWN, B.S., Illinois State University, 1959  
 FRANK GOLDMAN BAILEN, A.B., 1966  
 OMA BONITA BAKER, B.S., Olivet Nazarene College, 1959  
 CHARLENE MARY BALOUN, A.B., Mundelein College, 1964  
 PAUL PETER BALTIS, A.B., Marianapolis College, 1940; M.S.I.R., Loyola University, 1960  
 BERT ELWYN BARICKMAN, JR., A.B., 1961  
 MARJORIE JEAN MILLER BARNETT, B.S., 1966  
 JANE OLIVER BARR, B.S., Ball State Teachers College, 1964  
 JAMES EDWARD BAUER, B.S., Eastern Illinois University, 1963  
 SUSAN MARY BAUMBACH, B.S., 1964  
 GALE LEE BEATTY, B.S.Ed., Northern Illinois University, 1966  
 LEA GRACE BEAUDRO, B.S.H.A., Northwestern University, 1950  
 RONALD RAY BERKSHIRE, B.A., Evansville College, 1952  
 HENRIETTA MARY BERNING, B.S., Western Illinois University, 1955  
 DAVID ARNOLD BERTO, B.S., Indiana State Teachers College, 1964  
 BELVA MARTIN BEYERS, B.S., 1963  
 RICHARD JOE BODINE, B.S., Indiana State University, 1962  
 CAROL LYNN BOICE, B.F.A., Millikin University, 1962  
 SHARON MARIE BONCOSKY, B.A., Augustana College, 1965  
 JEAN GERBER BOWEN, B.A., Millikin University, 1964  
 SANDRA ERVIN BOWEN, B.S., 1964  
 RICHARD KENNETH BOYER, B.S., Eastern Illinois University, 1959  
 MARY LOUISE BRAMER, B.S., 1960  
 MARGO GEORGIA BROWNE, A.B., Elmhurst College, 1960  
 JANIFER ENGQUIST BROZ, A.B., Augustana College, 1958  
 GEORGE XAVIER BUHL, B.A., Lake Forest College, 1953  
 KEITH VERNON BURBA, B.A., Olivet Nazarene College, 1965  
 LINDA RICE BURBA, B.A., Olivet Nazarene College, 1966  
 JOANN MARY BUTTIMER, B.S., 1962  
 NANCY EILEEN CAIN, B.S., Ball State University, 1964  
 JOHN GORDON CAMPBELL, B.S., Milton College, 1949  
 KATHLEEN ANN CENTER, B.S., Macalester College, 1964  
 CHARLES JAMES CHILVERS, B.S., 1966  
 LEONARD COLLIER, B.S., Washington University, 1961  
 JUNE MARGARET STOTTS CONNOR, B.S., 1962  
 JAMES EMORY CORGAN, B.S., University of Missouri, 1950  
 ANNETTA BERNIECE DAVIS, B.S., 1964  
 DONALD ARTHUR DAVIS, B.S., 1953  
 LINDA KAY DAVIS, B.A., North Central College, 1966  
 MARY ANNE DAVIS, B.S., Eastern Illinois University, 1962  
 SHIRLEY NELSON DAVIS, A.B., University of Dubuque, 1962  
 MARLENE TAYLOR DAVISON, B.S., Tuskegee Institute, 1957  
 GRACE ANN DE GIROLAMO, B.A., DePaul University, 1963  
 MARIE LYDIA DIETER, B.S., Eastern Illinois University, 1962  
 GORDON GRAY DREMAN, B.S., Illinois State University, 1960  
 WILLIAM EAGLETON, B.S., Southern Illinois University, 1963  
 HANNAH MARIE ERICKSON, B.A., Luther College, 1961  
 NORMAN EDWARD FECHTIG, B.S., 1960  
 BRENDA FISHER FERGUSON, B.S., 1963  
 JEFFREY LEE FERGUSON, B.S., 1964  
 ALVERA NARMONT FITZHUGH, A.B., MacMurray College, 1962  
 THERESA HUGHES FRANKLIN, B.S., Philander Smith College, 1952  
 MARY LOUISE FREDERICK, B.S., Grambling College, 1958  
 GEORGE THOMAS FREESE, B.S., Eastern Illinois University, 1963

- GERALD LEE GAJDA, A.B., St. Benedict's College, 1955  
GEORGE JOHN GALLA, B.S., 1964  
JOEL DAVID GALLOWAY, B.S., Iowa State University, 1963  
JOHN MORRIS GARTH, B.S., Eastern Illinois University, 1962  
ENID BELL GIFFORD, A.B., 1955  
EDITH ESTELLE GILLES, B.S., Wisconsin State University (Superior), 1963  
ROSEMARIE BUERKLE GILPIN, B.S.Ed., Ball State University, 1965  
DAVID GLENN GODDARD, B.S., Eastern Illinois University, 1963  
JAMES MARTIN GRASSE, B.S., Olivet Nazarene College, 1963  
LAWRENCE DAVID GRETH, B.S.Ed., Western Illinois University, 1965  
CAROLE ANN GRIMM, B.S.Ed., Eastern Illinois University, 1964  
LARRY FIELDS GUTHRIE, B.S., 1966  
DARLA KAREN HAGEMAN, B.S., Illinois State University, 1964  
DALE BUEL HALL, A.B., 1964  
RANDALL DEAN HALL, A.B., 1964  
MELVIN EUGENE HAMILTON, A.B., Harris Teachers College, 1962  
DOROTHY EILEEN HAMMOND, B.A., Ohio Wesleyan University, 1959  
JOHN LEIGHTON HANGEY, B.S.Ed., Illinois State University, 1962  
GARY F. HANNAGAN, B.S., Eastern Illinois University, 1963  
MATTIE PEARL HARRISON, B.S., Jackson State College, 1962  
GEORGE ROBERT HART, B.S., 1964  
MARIAN VAN GERPEN HATHAWAY, B.S., 1955  
ROBERT LEEROY HEAVNER, B.S., 1960  
GAIL OLMSTEAD HEIDARI, B.S., 1962  
ROBERT ST. CLAIRE HENRY, B.S., Shurtleff College, 1954  
VIVIAN RUTH HERNDON, B.A., Harris Teachers College, 1959  
LAUREL MARTIN HERTIG, B.A., University of Texas, 1948; M.S., State College of Washington, 1950  
MICHAEL JOHN HILL, B.Ed., Chicago Teachers College, 1964  
VIRGINIA ROSKENS HILL, B.S., Iowa State University, 1951  
LAWRENCE MICHAEL HOFFMAN, B.S., Wisconsin State Teachers College (Stevens Point), 1955  
JOY MAE HOHULIN, B.S., Illinois State University, 1963  
ALAIN GUSTAVE HOLT, B.A., Gustavus Adolphus College, 1962  
ELAINE CYNTHIA HOPEWELL, B.F.A., 1965  
ETHEL BERNICE HOYT, B.S., Western Illinois University, 1962  
BARBARA JO ANN DOWNING HUBBARD, A.B., Duke University, 1965  
DONALD WAYNE HUBBARD, B.S., Southern Illinois University, 1956  
JEAN KOOF HURST, B.S., Northwestern University, 1947  
JOSEPH BRANNAN HURST, JR., A.B., 1966  
WALLACE JIRO INOUE, B.S.Ed., Northeast Missouri State Teachers College, 1962  
RUTH ALICE ISAACS, Th.B., B.S., Olivet Nazarene College, 1957, 1963  
EMILY RICHARDSON IVORY, A.B., Johnson C. Smith University, 1946  
HARRY LOGAN JACKSON, B.S., Eastern Illinois University, 1959  
JEWELL BANKS JACOBSON, B.S., Central Missouri State Teachers College, 1938  
EDWARD JAKUBCZAK, B.S., Lewis College, 1956  
CAROL HERRMANN JASNOW, B.A., Elmira College, 1964  
THOMAS FRANCIS JENNINGS, B.S., Illinois State University, 1963  
E. PETER JOHNSEN, A.B., St. Mary of the Lake Seminary, 1959  
CAROLL GARD JOHNSON, B.S. (Agr.), B.S. (Agr. Ed.), 1941, 1941  
COLLEEN SMITH JOHNSON, B.Ed., Chicago Teachers College, 1958  
NORMAN LE ROY JOHNSON, A.B., McPherson College, 1962  
ANNE LAURA JOY, B.A., DePauw University, 1966  
ELDA LOUISE KAUFMAN, B.S., Eastern Illinois University, 1962  
DWIGHT WENDALL KEELE, B.S., Southern Illinois University, 1956  
HARVEY MILTON KELBER, B.S., 1965  
ALVAH CARL KELLEY, B.S., Southern Illinois University, 1964  
LORAIN DORIS KELTNER, B.S., Illinois State University, 1959  
FRANK NEIL KENNEDY, B.A., McKendree College, 1965  
EDWARD AARON KIRBY, B.A., Southern Illinois University, 1965  
SARA JOAN KNIGHT, B.S., 1964  
FRANCIS PETER KOTTRA, B.S., Carthage College, 1961  
FRED KRAUSS, A.B., 1965

RITA AGNES KURTENBACH, B.S., Illinois State University, 1950  
KENNETH WALTER LAHR, B.S.C.E., Tri State College, 1953  
WILLIAM JOSEPH LAKEN, B.S., Lewis College, 1963  
DARRELL WILLIAM LANE, JR., B.S., 1962  
EMMA BRANDT LANGHORST, B.S., Illinois State University, 1964  
LEVI LESLIE LATHROP, A.B., McKendree College, 1959  
RONALD LARRY LIESEN, B.S., Quincy College, 1963  
DONALD MAURICE LINDQUIST, B.S., Illinois State University, 1963  
MARY ANN LINK, B.S., Southern Illinois University, 1964  
RICHARD LOWELL LINNENBURGER, B.S., Western Illinois University, 1964  
CAROL ANN LIPPERT, A.B., 1964  
JOHN MERTON LUNDSTEN, B.S., 1966  
JAMES LOUIS MANTHE, B.S., 1963  
HELEN NEWMAN MARSHALL, B.S., 1966  
RUTH MARY LEITCH MARTEN, B.S., Eastern Illinois University, 1944  
JOYCE KIMBELL MARVEL, A.B., Philander Smith College, 1962  
CLYDE WESLEY MASON, B.S., Bradley University, 1958  
BETH MARLENE MASSEY, B.S., Eastern Illinois University, 1962  
JOHN ARTHUR MAU, B.S., Southern Illinois University, 1963  
SYLVIA QUINN MAYCOX, B.S., Florida Normal & Industrial Memorial College, 1960  
SARA JOAN MCGARIGLE, B.S., Eastern Illinois University, 1956  
MARY CLARKE MCJUNKIN, B.S.Ed., Northwestern University, 1965  
NANCY JANE GORDON MCKAUGHAN, B.A., Blackburn College, 1962  
WINSTON ANDREW MCKEAN, B.S., Bowling Green State University, 1960  
JUDITH ANN MECUM, B.S.Ed., Illinois State University, 1966  
THURLENE JOYCE MEDENDORP, A.B., Calvin College, 1966  
VIRDA McDONALD MENKE, B.S., Southern Illinois University, 1963  
THELMA DRUM MENTZER, B.S., Illinois State University, 1961  
JEAN ANN MEYER, B.S., Southern Illinois University, 1963  
JERRY ROBERT MEYER, B.S., Quincy College, 1962  
CHARLES WILLIAM MILLER, B.S., Eastern Illinois University, 1960  
JANIS ROBERTS MILLER, B.S., University of Wisconsin (Milwaukee), 1962  
MARGARET ANNE MILLER, B.S.Ed., Drake University, 1960  
JACK EUGENE MITCHELL, B.S., Illinois State University, 1958  
JANET PLUMMER MOCKAITIS, A.B., MacMurray College, 1962  
DIXIE LEE MOHR, B.S., Northeast Missouri State Teachers College, 1964  
BARBARA BRAAT MONGE, B.S., Illinois State University, 1960  
FREDERICK STEVEN MONK, B.A., Carroll College, 1964  
GALE MAVIS MOORE, B.S.Ed., Illinois State University, 1966  
RITA ANN MORENO, B.A., Saint Xavier College, 1964  
SAMUEL MORGAN, B.S., Lincoln University, 1955  
FARRIES HENRY MORRISON, JR., B.S., Western Illinois University, 1963  
MARY ALICE MORRISSEY, B.Ed., Illinois State University, 1941  
RICHARD KAZUAKI NAKANO, B.S., Northeast Missouri State Teachers College, 1963  
MARTHA SENTENEY NEAL, B.S., Eastern Illinois University, 1965  
MARY SUSAN NORELL, B.S.Ed., Northwestern University, 1965  
DOROTHY MERCER NORRIS, B.S., Bowling Green State University, 1943  
EDWARD PATRICK NUGENT, B.A., Loyola University of Los Angeles, 1955; A.M., University of Notre Dame, 1963; S.T.B., S.T.L., Catholic University of America, 1959, 1960  
MARGIE CUNNINGHAM O'BRYAN, A.B., 1961  
LINDA KUHFUSS O'DONNELL, B.S.Ed., Illinois State University, 1963  
THEODORE JAMES OETTEL, B.S., Illinois State University, 1962  
JOHN RUSSELL OTT, A.B., McKendree College, 1959  
HAROLD LANE PALMER, A.B., Harris Teachers College, 1961  
GREGORY FRANK PAWLAK, B.S., Illinois State University, 1961  
KENNETH LLOYD PERDUE, B.S., Illinois State University, 1959  
PHYLLIS ELLEN PERGAKES, A.B., 1964  
RUTH KING PERLMAN, A.B., Duke University, 1938  
SARA JANE PEASE PIEPER, A.B., Illinois Wesleyan University, 1939  
CAROLYN REED PIERCE, B.S., Southern Illinois University, 1954  
BOBBETTE SCOTT PIPPENGER, A.B., 1966  
JOHN ROLAND PLEAS, A.B., McKendree College, 1960

- PAMELA JEAN HENRY POLSON, B.S., Kansas State University, 1966  
DONALD LEE POTEETE, B.S., Southern Illinois University, 1959  
FREDERICK JAMES POWERS, B.S., Northern Illinois University, 1963  
JANE ANN PREST, B.S., Illinois State University, 1959  
OPAL ARNOLD PRUITT, B.S., Western Illinois University, 1948  
MARVINIA MAE RANDOLPH, B.S., 1964  
ROBERT FRANCIS REEDY, B.S., Southern Illinois University, 1965  
JOHN ARTHUR REID, B.S., Eastern Illinois University, 1961  
JOHN RICARDO RICCITELLI, B.S.Ed., Western Illinois University, 1961  
CAROLE SUE RIEDELL, A.B., Indiana University, 1966  
GARWOOD CHRIS RIGONI, B.S.Ed., Illinois State University, 1964  
KEITH ALLEN ROBINSON, B.S., 1962  
ELIZABETH ANNE ROLLS, B.S., 1962  
MARK LAWRENCE ROSENBLUM, B.F.A., 1966  
ROBERT COOKE ROSS, JR., B.S., Eastern Illinois University, 1957  
NICHOLAS ANTHONY ROSSI, B.S., State College of New York (Cortland), 1959  
SUZANNE MENZ ROTHERMEL, B.S., 1962  
DONALD LESTER ROUX, B.S., 1961  
JACQUELINE MARGARET RYAN, B.S., Northern Illinois University, 1961  
PATRICIA MARY RYAN, A.B., College of St. Francis, 1964  
CLARK LEAVERTON SABINE, B.S., 1959  
JEAN FRANCES SADLER, B.A., Saint Ambrose College, 1963  
HARRIETT WYATT SAILOR, B.S., 1956  
RAFFAELE SALATINO, B.S., 1964  
WALTER WARD SAVAGE, B.S., Illinois Wesleyan University, 1942  
MARIETTA HELEN SCHEIBE, B.A., Coe College, 1963  
EDWARD EARL SCHIEFER, B.S., 1964  
KAREN JOHNSON SCHILLING, B.S., Bradley University, 1964  
PATRICIA ANN SEAMAN, B.S., 1954  
HOWARD DAVID SHELTON, B.S., Southern Illinois University, 1960  
NATHANIEL SHEPPARD, B.S., Fort Valley State College, 1966  
JUDITH ANN SHIPLOCK, B.S., 1966  
JAY HARLAN SHORES, B.S., 1965  
JANE MARIE SHUMAN, A.B., 1966  
JOAN HELEN SIENKOWSKI, B.S., Northern Illinois University, 1958  
NANCY MCCLELLAND SIMONS, B.A., Millikin University, 1964  
AMARJIT SINGH, B.Sc.A. and A.H., Uttar Pradesh Agricultural University, 1964  
SISTER CECILIA BIALK, A.B., DePaul University, 1935  
SISTER MARY LORETTA CARRIGAN, B.S., Loyola University, 1959  
SISTER MARY DEVOTA DALY, A.B., St. Xavier College, 1960  
SISTER MARY REGINE FANNING, A.B., St. Xavier College, 1956  
SISTER M. ALCANTARA GOODE, A.B., College of Saint Francis, 1958  
SISTER MARY EILEEN MASSE, A.B., College of St. Mary of the Springs, 1954  
SISTER MARY JAMES EDWARD O'BRIEN, Ph.B., DePaul University, 1964  
SISTER PATRICK QUINN, B.S., St. Mary-of-the-Woods College, 1956  
SISTER MARIE CLAUDE SLOAN, B.S., Edgewood College of the Sacred Heart, 1947  
SISTER MARY REGIS SONDGEROTH, A.B., DePaul University, 1952  
SISTER MARY ANTON UTHE, Ph.B., DePaul University, 1962  
DANIEL JOE SLACK, B.S., Southern Illinois University, 1960  
ELAINE OPATRYN SMID, B.S., Illinois Wesleyan University, 1962  
DALE THOMAS SMITH, B.S., 1962  
JOHN THOMAS SMITH, B.S., 1960  
ROBERT EDWIN SMITH, B.S., Illinois State University, 1949  
RUTH CORTRIGHT SMITH, B.S., 1962  
LUELLA MOORE SNYDER, B.A., Cornell College, 1963  
RUTH MARIE SOHN, B.S., Southern Illinois University, 1949  
CONSTANCE WALTON SOLBERG, A.B., Vassar College, 1950  
JERRY ALLEN SORENSEN, B.S., Southern State Teachers College, 1963  
KENNETH EUGENE SPICER, A.B., McKendree College, 1964  
ELIZABETH HALANE SPIRDURO, B.Ed., Illinois State University, 1942  
RONALD LARRY STAGEN, B.S., Illinois State University, 1960; Ed.M., 1963  
JAMES NEELEY STEWART, B.S., Southern Illinois University, 1959  
RONALD LEE STICKLER, B.S., 1963

KAREN LEE STONE, A.B., 1965  
 KATHLEEN GAYLE GILBERT STRADER, B.S., Eastern Illinois University, 1958  
 JUDITH BISHOP STROHMEYER, B.S.Ed., Eastern Illinois University, 1964  
 RUTH ANN STRUCK, B.S., 1965  
 ELIZABETH JEAN SUTTER, B.S., Illinois State University, 1966  
 BERNICE RANSOM SWANSON, B.A., Mary Hardin-Baylor College, 1934  
 THOMAS ERIC SWARSEN, A.B., Northwestern University, 1963  
 LUCILLE CORDELL SWEARINGEN, B.S., 1940  
 JAMES HENRY TALBERT, B.A., Millikin University, 1962  
 BEATRICE JORDON TERRY, B.A., Fisk University, 1952  
 STEPHEN KENNETH THOMAS, B.S., 1962  
 DARREL MAHLON THOMPSON, B.S., Iowa State University of Science and Technology, 1959  
 DARRELL EUGENE THOMPSON, B.S., University of Southern Mississippi, 1965  
 JUDITH PEARSE THOMPSON, B.S., 1964  
 LAVONNE OPAL THOMPSON, B.S., Minot State College, 1962  
 LEONARD J. TLAPA, B.A., Millikin University, 1962  
 WILLIAM EUGENE TRACY, B.S., Illinois State University, 1964  
 VERNON JOHN TRUCANO, B.S., Iowa State College of Agricultural and Mechanical Arts, 1959  
 DAVID LEO TUCKER, B.S., Quincy College, 1964  
 ELIZABETH WADE TURNER, B.S., Florida State University, 1943  
 KATHRYN KALB VAN HOOREWEGHE, B.F.A., 1963  
 WILMA MARSHALL VANZANT, A.B., McKendree College, 1963  
 ROBERT HENRY VOGT, A.B., Bradley University, 1964  
 RAYMOND DEAN WALLEN, B.S., 1960  
 DIANE ANN WCISLO, B.S., Loyola University, 1963  
 ROSE MARY WEST, B.S.Ed., Franklin College (Indiana), 1958  
 RUSSELL GILES WHITAKER, B.S., Ball State Teachers College, 1963  
 WILLIAM GEORGE WHITE, B.S., 1966  
 MARION LOUISE WIDMER, B.S., Western Michigan University, 1963  
 BIRDEAN THAMES WILLIAMS, B.S., Southern Illinois University, 1961  
 EDWARD FELLIS WINGLER, B.S., Northwestern University, 1962  
 GERALDINE JONES WOOD, B.S., Northeast Missouri State Teachers College, 1960  
 STANLEY LEE WOODS, B.S., Western Illinois University, 1963  
 JOYCE LORRAINE WUEHLE, B.S., Western Illinois University, 1954  
 CHAMLUENG WUTTICHAN, B.A., B.Ed., Chulalongkorn University, 1956, 1959  
 JAMES STEVENSON YOUNG, A.B., Augustana College, 1963  
 BONNIE BURDINE YOUNGBERG, B.S.Ed., Indiana University, 1965  
 JAMES LAMAR ZAHNLE, B.S., Northern Illinois University, 1956  
 BRUNO CHARLES ZUBRZYCKI, B.S., 1958

#### Degree of Master of Social Work

MARILYN GRACE BENTZ, A.B., University of Washington, 1954  
 JANET CAROLYN FAIRS, A.B., 1965  
 IRWIN JACK KERZNER, B.A., Roosevelt University, 1965  
 ANNE PICKETT MAZUREK, B.A., Beloit College, 1964  
 FREDERICK DALE STEIN, B.A., Millikin University, 1965  
 CHARLOTTE HARRIET WALKER, B.Ed., Chicago Teachers College, 1958

#### Degree of Master of Fine Arts

##### *In Design*

PATRICK WILLIAM DINEEN, B.F.A., 1965

##### *In Painting and Printmaking*

KAREN LOUISE DIPPOLD, B.F.A., 1965  
 BARBARA APEL KOETSCH, B.F.A., Kansas City Art Institute and School of Design, 1965  
 RONALD CHARLES RIZK, B.F.A., Maryland Institute College of Art, 1965  
 WILLIAM GEORGE WEGMAN, B.F.A., Massachusetts College of Art, 1965

**Degree of Master of Laws**

ABD EL SAMEI OMER AHMED, LL.B., University of Khartoum, 1964; J.D., 1966

**Degree of Master of Television**

MENG YANN FU, B.A., National Chengchi University, 1966

WAYNE MICHAEL KAPLAN, B.S., Bradley University, 1966

**Degree of Master of Architecture**

WILLIAM MALCOLM BARKSDALE, B.Arch., Oklahoma State University, 1966

DAVID WILLIAM DAVIS, B.Arch., Oklahoma State University, 1965

DALE ALDEN DURFEE, B.Arch., Oklahoma State University, 1966

ROBERT THOMAS JAEGER, B.Arch., 1962

JOHN WESLEY POWERS, JR., B.Arch., 1966

LESTER EDWIN ROSENWINKEL, B.Arch., 1964

WILLIAM PHILIP WHITE, B.Arch., Ohio State University, 1965

**Degree of Master of Accounting Science**

BRUCE EDWARD ARNOLD, B.Bus.Adm., Stetson University, 1966

SUMANA CHOTIKAPANICH, B.Accy., Chulalongkorn University, 1963

HAROLD LEWIS DVORIN, B.S., 1961

HAROLD LAWRENCE HEYMAN, B.B.A., University of Georgia, 1966

ANNA MARIE JACKEY, B.S., American University, 1953

JACK LIPSHUTZ, B.B.A., City College of New York, 1966

JOHN JACOB MADDEN, A.B., 1956

WILLIAM ROY MCCLAYTON, B.S., 1966

JOHN HARLAN RATHE, B.S., 1966

DONALD WAYNE ROGERS, B.B.A., Stetson University, 1966

LARRY ENOCH SYDES, B.S., 1966

LAWRENCE GEORGE WOLSKI, B.S., 1966

**Degree of Master of Business Administration**

GERALD JEROME DAY, B.A., Brigham Young University, 1965

PAUL LANGDON EARLY, JR., B.S., Virginia Polytechnic Institute, 1965

CALVIN HOWELL FITCH, B.S., 1964

ROBERT AYDELOTTE FLECK, JR., A.B., Ripon College, 1965

LLOYD VINCENT GIESLER, B.S., 1965

TIMOTHY EDWARD GRIFFIN, B.A., University of Notre Dame, 1965

GEOFFREY STEVEN KESSLER, B.S., University of California, 1965

JEREMY ANDREW KLAINER, S.B., Massachusetts Institute of Technology, 1963

JOSEPH MURRY RECKA, B.S., 1964

WILLIAM DON SNIDER, B.S., 1964

LEON EDMUND STREMLAU, B.S., 1961

RICHARD EDMUND TOTH, B.S., 1963

**Degree of Master of Extension Education**

LAWRENCE LEE ACKER, B.S., 1965

BYRON WHITING HUTCHINS, B.S., 1943

**Degree of Master of Landscape Architecture**

DAVID RICHARD JENSEN, B.S., Utah State University, 1965

DAVID HERMAN KOTTER, B.F.A., Utah State University, 1966

THEODORE DELBERT WALKER, B.S., Utah State University, 1957

**Degree of Master of Urban Planning**

LYNN CURTIS BENDER, B.S., Michigan State University, 1965

VIRGINIA LOUISE BLAKE, B.A., Swarthmore College, 1965

JOAN LYNN COOKE, A.B., 1963

RICHARD CLAUDE LORAAS, B.A., University of Minnesota, 1965

**Degree of Master of Comparative Law**

NILS ALFSSON ASTRUP, Cand.jur., University of Oslo, 1966

**Advanced Certificate***In Education*

EUGENE LOUB ARONIN, B.S., M.S., University of Wisconsin (Milwaukee), 1963, 1966

CHARLES EUGENE BAYLESS, B.S., Purdue University, 1948; A.M., Indiana University, 1950

MARY ANN KLINGENBERG BENDER, B.S., Southern Illinois University, 1954; M.S., Illinois State University, 1961

WAYNE HAROLD BLUNIER, B.S., M.S., 1962, 1964

JEAN MARIE BORG, B.S., Illinois State University, 1950; Ed.M., 1962

DANIEL MANSFIELD BRAUER, B.S., Western Illinois University, 1954; Ed.M., 1955

FRANK JOSEPH D'ANGELO, B.S., Loyola University (New Orleans), 1959; M.A., Tulane University, 1963

GEORGE ROBERT EDWARDS, B.S., Illinois State University, 1948; Ed.M., 1953

HAROLD BENJAMIN ELLIOTT, B.S., Ed.M., 1949, 1956

MARTHA GRACE EWING, B.S., Illinois State University, 1944; M.S., 1951

BRADFORD JOHN FENNER, B.S., M.Ed., St. Lawrence University, 1955, 1956

BRYANT PAUL FILLION, A.B., University of Michigan, 1960; M.S., C. W. Post College, 1965

JOHN DUNCAN FRATTICK, B.S., Illinois State University, 1957; M.S., Indiana State College, 1960

DOMINICK ARCHIE FRIGO, B.S., Western Illinois University, 1955; M.S., Southern Illinois University, 1956

ROBERT JOSEPH GARCIA, A.B., M.A., New Mexico Highlands University, 1956, 1961

SAMUEL EUGENE GOOD, B.Ph., Illinois Wesleyan University, 1952; Ed.M., 1957

RALPH LEO GOODMAN, B.S., Ed.M., 1954, 1960

SARA GOVER, B.S., University of Dayton, 1958; A.M., Michigan State University, 1962

DAVID LEE GUILIANI, B.S., Illinois State University, 1958; M.S., Indiana State College, 1963

LEWIS JUNIOR HILLIARD, B.S., M.S., Southern Illinois University, 1951, 1952

RAYMOND GEORGE HOLLMANN, B.S.Ed., M.A., Southern Illinois University, 1956, 1959

JOHN FOSSE JORSTAD, B.S., Illinois State University, 1948; M.S., 1953

WALTER JOSEPH KIRSCH, B.S.Ed., Indiana State University, 1955; M.Ed., Western Maryland College, 1959

DAVID GEORGE KIVES, A.B., Wheaton College, 1959; Ed.M., Wayne State University, 1964

HOMER CARLYLE KUETHE, B.A., University of Colorado, 1947; M.S., 1952

ALLAN CHARLES LAROCCO, A.B., Monmouth College, 1963; Ed.M., 1967

EUN SOOK LEE, B.A., Ohio Wesleyan University, 1952; A.M.T., Radcliffe College, 1953

JAMES OAKLEY LEE, B.A., Haverford College, 1959; M.A.T., Harvard University, 1961

RUSSELL OLIVER LEWEY, B.S., Ed.M., 1950, 1957

HAROLD IRVING LINDLEY, B.S., Ed.M., 1961, 1964

MARGARET MARIE MARTIN, A.B.Ed., University of Michigan, 1962; Ed.M., 1966

JOHN SAWYER MAYHER, B.A., Williams College, 1961; M.A.T., Harvard University, 1962

DAVID VERNEIL MCBRIDE, B.S., Western Illinois University, 1956; Ed.M., 1964

ALAN DAYL MCCLAIN, B.A., Graceland College, 1962; M.A.Ed., University of Kansas City, 1966

RAY LAVERNE MYERS, A.B., Knox College, 1954; M.S., Illinois State University, 1966

LUTHER CHARLES POLLARD, Jr., B.S., Drake University, 1954; Ed.M., 1966

RUTH BERNICE RUSSELL POPE, A.B., A.M., 1945, 1951

PAUL FREDERICK RAAB, Ph.B., Illinois Wesleyan University, 1953; Ed.M., 1958

RICHARD TERRY REID, B.S., Oregon State University, 1963; Ed.M., 1967



JAMES EDWIN ROLAND, B.S., M.S., *Indiana State Teachers College*, 1959, 1961  
 DONALD GLENN RUCKRIGEL, B.S., Ed.M., 1950, 1958  
 JULIA JEANNETTE SANDERS, B.A., M.Ed., *University of North Carolina*, 1955, 1966  
 HAZEL JOANNE SCOTT, B.S., *Southern Illinois University*, 1964; Ed.M., 1967  
 RONALD JOHN SEIBEL, B.S., M.S., 1957, 1958  
 DIANE PRENTISS SHUGERT, A.B., A.M., 1958, 1965  
 SANDRA JEAN STINEBRING, B.S., *Illinois State University*, 1959; Ed.M., 1961  
 ALVAH LEE STONE, JR., B.S., *Olivet Nazarene College*, 1955; Ed.M., 1963  
 CHARLES AUGUST SUHOR, B.S., *Loyola University (Louisiana)*, 1956; M.A., *Catholic University of America*, 1957  
 RODNEY OLIVER SYMES, JR., B.S., *University of Chattanooga*, 1960; Ed.M., 1963  
 RAIDON YOUNG, B.S., *Ohio State University*, 1964; Ed.M., 1966  
 WILLIAM WINSTON YOUNG, B.S.Ed., M.S.Ed., *University of Pennsylvania*, 1950, 1951

#### Certificate of Advanced Study in Librarianship

FLORENCE HELEN MALTBY, B.A., *Iowa State Teachers College*, 1954; M.S., 1960  
 GEORGE ROBERT MALTBY, B.A., *University of Oklahoma*, 1957; M.S., *Louisiana State University and Agricultural and Mechanical College*, 1961

#### COLLEGE OF AGRICULTURE

##### Degree of Bachelor of Science

###### *In Agriculture*

LAVERNE EUGENE DEBATIN	RICHARD MAURICE PHALEN
JAMES WILLIAM HARROP	KENNETH ARTHUR PRUSSNER
ROBERT EUGENE LANTZ, Honors	RICHARD ALAN ROHLF
WILLIAM THOMAS McNAMARA	CHARLES EARL SASSE, Honors
HARRY LEE MORSE	HAROLD LEE SILKWOOD
CHARLES STUART MOSER	HOWARD RUSSEL SPIRES
JAMES ARTHUR NUTT	JAMES ALLEN STEVENS, Honors
DONALD GEORGE PAUKEN	

###### *In Floriculture and Ornamental Horticulture*

JUDITH ANN POWELL

###### *In Food Science*

STEPHEN WALKER DREW

###### *In Forestry*

BURNS LANCE DAVISON	STANLEY KENNETH SIPP
WILLIAM GREGORY McKIBBEN	

###### *In Home Economics*

BONNIE ELLEEN BOGENHOLM	VICTORIA RAE MUSGRAVE
CHERYL LYNN CAISE	MARILOUSE SUZZANNAH REED
KATHLEEN DENNIS	DONNA MAE SCHULTZ
ALBERTA LOUISE DORN ENGLAND	

###### *In Home Economics Education*

DORIS ANN KELLEY	KAREN JUNE MILLER RICHMAN
------------------	---------------------------

#### COLLEGE OF ENGINEERING

##### Degree of Bachelor of Science

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

NANCY ANN BARKLEY	NORMAN DAVID KAPLAN
PHILIP JAMES BOHN	PATRICK ROBERT MORATH
DANIEL EUGENE DZIEWULSKI	LYLE WILHELM SWENSON, JR.
FRITZ ANTHONY GORETZKE	

###### *In Agricultural Engineering*

CARLTON ROBERT MILLS

*In Ceramic Engineering*

LEONARD BART SIS

*In Civil Engineering*

DEAN CHAPMAN BERNETT  
 PAUL ANDREW BOEHLE  
 RAYMOND GEORGE COLE  
 PETER PAUL DESMONIE, JR.  
 DARYOUSH DANNY GHORBANI

JAMES JOSEPH JEREB  
 JOHN KONTOUDAKIS  
 LARRY AUGUST NEWMAN, High Honors  
 BRYAN THOMAS PHEGLEY  
 LEON MICHAEL TEBO

*In Electrical Engineering*

ABDELQADER MOHAMMED HASSAN  
 AL-WUHUSH  
 EDWARD JAMES BEACH, High Honors  
 JOHN KENNETH BEAZLEY  
 JOHN HERMAN BIERITZ, High Honors  
 MARVIN RAYMOND BOHNERT  
 BARRY DEAN BRIGGS  
 CLIFFORD LAFAYETTE BROWN, JR.  
 LUIGI CONSOLE  
 CARL JUNIOR ENLOW  
 KONSTANTINOS FESTAS  
 JOHN GERVASIO  
 WERNER JAMES GIESEKE  
 RAYMOND HARRY HANSON  
 DAVID MICHAEL HIRSCH  
 ROBERT IRVING HURWICH

RICARDO L. JIMENEZ  
 DIMITRIOS E. KARVELAS  
 ROGER LANE  
 GEORGE LANGAS, Honors  
 RONALD GUSTAV MARTIN  
 DONALD JOHN MCKIM  
 LARRY DEAN MOULTON  
 FREDERICK JOHN MUELLER  
 JAMES DOUGLAS NORRIS, High Honors  
 TERRE YOUNGE PRIMMER  
 RAJINDER KUMAR RAHEJA  
 FRANK DONALD RICHARDS  
 ROBERT PAUL ROULEAU  
 ALLEN GEORGE TAYLOR  
 JONATHAN GARDNER TIDD

*In Engineering Mechanics*

DENNIS KENDALL JOHNSON

*In Engineering Physics*

PETROS THEODOROS ANTONOPOULOS,  
 High Honors

JOHN EUGENE ECK

*In General Engineering*

RANDALL EUGENE RANKEN

JAMES EDWIN SKIERSKI

*In Industrial Engineering*

RICHARD THOMAS PETRELLA

PAUL CLARE WOOD

*In Mechanical Engineering*

MICHAEL DUANE ALLARD  
 KENNETH JOHN BRUMLEVE  
 MICHAEL JOSEPH DURKO  
 RICHARD OLAYIWOLA FAGBENLE  
 MICHAEL EDWARD GEMMILL  
 ROBERT ARTHUR HAYSKAR  
 DALE ARTHUR HENNING  
 MICHAEL GENE HERSCHLER  
 GEORGE KAZUO ICHISHITA  
 EARL CLINTON JOHNSON III

JEFFREY ALAN JOHNSON  
 STEPHEN VICTOR LEVA  
 ROBERT TERRY MARSHALL  
 FRED WALTER MOLZAHN  
 ROBERT JAMES NAVRATIL  
 JERRY MICHAEL PROCHASKA  
 JORGE LUIS TORRICO  
 PETER ARNOLD TUINSTRA  
 HERMAN WILLIAMS

*In Metallurgical Engineering*

CONSTANTINE ALEXANDER KOROSE

## COLLEGE OF LIBERAL ARTS AND SCIENCES

**Degree of Bachelor of Arts***In Liberal Arts and Sciences*

DAVID LAWRENCE ADAMS  
 LOUISE HARRIS ANDRAS  
 SANDRA SUE BELDIN

WILLIAM RAY BENSYL, Honors in Lib-  
 eral Arts and Sciences with High  
 Distinction in Political Science

FAY JEANNE BERGSTROM  
 NANCY LEE BIXBY  
 DENNIS ARNOLD BRANDT  
 BETH JO BROWN  
 VAN EDWARD CARLSON  
 JOHN LEONARD CARRIERE  
 JAMES OLAF CHRISTY  
 RICHARD DEAN CONLIN, Honors in Liberal Arts and Sciences  
 JOYCE LEE CORLETT  
 DAVID ALLEN DAPOGNY, Honors in Liberal Arts and Sciences  
 FRANK ARTHUR DE TRANA  
 ERNEST CHARLES DOWNEY  
 ARTHUR MICHAEL FRIED, Honors in Liberal Arts and Sciences  
 ALAN DALE GRAYSON  
 CARLENE ZIPSE HARRIS, Honors in Liberal Arts and Sciences  
 MARY JEAN HARRIS  
 JOHN JOSEPH HENELY, Honors in Liberal Arts and Sciences  
 PHYLLIS JANE HETRICK  
 BILLIE JEAN ISBELL, Honors in Liberal Arts and Sciences with Highest Distinction in Anthropology  
 SANDRA BEATRICE JEFFERSON  
 MYRA JOYCE LAZERWITH, Honors in Liberal Arts and Sciences  
 MARK POWERS LEONETTI  
 CATHERINE LOUISE LOGAN  
 DAVID WAYNE LUCAS  
 PRUDENCE JANE LYLE  
 JAMES MURDAUGH MADDEN  
 JEANNE MARIE MALKOWSKI  
 STEPHEN ALLEN MANN  
 EUGENE GERALD MARTIN  
 VERONICA GAIL BEUTLER MATHEIN  
 THEODOR ALBERT MAXEINER, Honors in Liberal Arts and Sciences with High Distinction in Economics

*In the Teaching of English*

SARAH SCHREINER BENSON  
 MARYANN CARP, Honors in Liberal Arts and Sciences  
 SHELLEY EDITH DAVIES  
 ESTELA ELIZONDO

MARY JANET MCCORMICK  
 HARRY THOMAS MILLER, JR.  
 WILLIAM MICHAEL MILLER  
 JANE EMERALD MOORE  
 TONNA MARIAN MOORE  
 JAMES MICHAEL MULLEN  
 DAVID FLOYD NEFZGER  
 MEADDOW JOHN OLSON  
 PATRICIA EVA PALMER  
 CAROL FRANCIS PARKHURST  
 GARY RANDALL PASNIK  
 ROBERT CHARLES REINACH, Honors in Liberal Arts and Sciences  
 JULIA RITA RODRIGUEZ  
 JACK JAMES SANGERMAN  
 JOYCE FRANCES SANGERMAN  
 JEROME DAVID SCHENWAR  
 MARGARET SCHNITZER  
 FLORENCE BLACK SCHWARTZ, Honors in Liberal Arts and Sciences  
 WILLIAM FRANCIS SEATON  
 EVELINDA HINTZE SHARP, Honors in Liberal Arts and Sciences  
 ANGELICA SHIRLEY, Honors in Liberal Arts and Sciences  
 ROBERT GEORGE SJOSTROM  
 SANDRA LOUINE SKONEY  
 BARBARA ELLEN SMITH  
 GARY JAY SOLAR  
 ANWAR NASSIM SULEIMAN  
 ANN LOUISE TEMPLETON  
 ELIZABETH TYLER, Honors in Liberal Arts and Sciences  
 JOHN EDWARD UTZ  
 JAMES STUART WADDELL  
 PAUL PETER WAGENBRETH, Honors in Liberal Arts and Sciences  
 GREGORY MARTIN WIELAND  
 ELLEN ROBERTS WILSON, Honors in Liberal Arts and Sciences

*In the Teaching of French*

SHARON LYNN LANDES

*In the Teaching of Social Studies*

JOANNE ETHEL FINLAY  
 GARY ALLEN FRY  
 CAROLE LYNN LARSON, Honors in Liberal Arts and Sciences with High Distinction in the Curriculum

RUTH STROUD MACHULA, Honors in Liberal Arts and Sciences  
 JOHN DAVID PAULSGROVE

*In the Teaching of Speech*

SYLVIA ANN SINGLETON, Honors in Liberal Arts and Sciences with Distinction in the Curriculum

*In Theatre Art*

EUGENE DALE WARNER

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

NOBLE BRADFORD FERGUSON, Honors in Liberal Arts and Sciences  
 STEVEN LOUIS MILLER, Honors in Liberal Arts and Sciences with High Distinction in the Curriculum  
 MICHAEL BRUCE LONG

*In Chemistry*

ROBERT CHARLES HOCHERL

*In Liberal Arts and Sciences*

DAVID LOUIS ALEXANDER  
 MARTHA COLLIER ARMSTRONG  
 DONALD ANDREW BAKER  
 VICTOR CHARLES BELL  
 STEPHEN RAYMOND BERG  
 JOHN ROBERT BLOCK  
 MARY KATHLEEN BOHLEN  
 CLINTON WALTER BROOKS, JR.  
 BARRY DAVID BROWN, Honors in Liberal Arts and Sciences  
 CARLYN REECE BRUCE  
 ROBERT WILLIAM CAIRNS  
 ROBERT PAUL CARLSON, Honors in Liberal Arts and Sciences with High Distinction in Mathematics  
 DENNIS EDWARD CIELASZYK  
 RICHARD TERRY COPPOLETTI, Honors in Liberal Arts and Sciences  
 LYNN RAOUL DALE, Honors in Liberal Arts and Sciences  
 JOSEPH CLAIR DEWEY  
 EDWIN HOWARD DOLIN, Honors in Liberal Arts and Sciences  
 ROSE MARIE ENDRES, Honors in Liberal Arts and Sciences with High Distinction in Mathematics  
 LLOYD LESTER EVANS  
 WILLIAM JOSEPH GIBBS, JR.  
 RITA JEAN DUSELL GRAUZAS  
 ANN MARILYN GUNSALUS  
 ROBERT SCOTT HELLER, Honors in Liberal Arts and Sciences  
 GERALDINE GRACE IFLAND  
 GLEN ALLEN INGRAM  
 DAVID ROBERT JEFFREY

DAVID BRUCE KELLEY  
 BARRY MARTIN KERMAN, Honors in Liberal Arts and Sciences  
 WILLY TEOFILO KISANJI  
 BARBARA MARGARET KRIS  
 JAMES GEORGE LIFTON  
 GEORGE FRANCIS MALY  
 LAURA MAZE, Honors in Liberal Arts and Sciences with Highest Distinction in Mathematics  
 WILLARD G. MONTGOMERY  
 PATRICIA ANN PARUCKA  
 CRAIG EDWARD PLASSMEYER  
 KARLA LOUISE REED  
 LINDA SUE ROGERS, Honors in Liberal Arts and Sciences with High Distinction in Psychology  
 ROBERT OWEN RUDER, Honors in Liberal Arts and Sciences  
 ROGER JOHN SABELLA  
 RICHARD ARTHUR SAUDARGAS  
 JAMES WILLIAM SCHEPPACH  
 LESLIE THOMAS SCHWARZ  
 JOHN CLAUDE SHAFFER  
 SALLY ANN SINCLAIR, Honors in Liberal Arts and Sciences  
 STUART VICTOR SOSTRIN  
 EDWARD DONALD SUMNER  
 MICHAEL ALLAN SWIDLER  
 LEE IVAN WEINSTEIN  
 ROBERT STEWART WEINSTEIN, Honors in Liberal Arts and Sciences  
 RICHARD G. YAGOL, Honors in Liberal Arts and Sciences

*In Speech Correction*

BRONWEN LORENE CARLSON

PATRICIA ARLENE SPRINGFIELD

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

REBECCA ANN ALLEN, Honors in Liberal Arts and Sciences with Highest Distinction in the Curriculum

*In the Teaching of Mathematics*

JOAN ROBERTA BUCHANAN  
 SUSAN STELLA MATECKI

JANET HURST SPOONAMORE, Honors in Liberal Arts and Sciences with Distinction in the Curriculum

**COLLEGE OF LAW****Degree of Bachelor of Laws**

WILLIAM ROBERT GASTON

PAUL AIVARS REICHS

**Degree of Juris Doctor**

JAMES IRELAND BLISS, B.S., 1966  
 ROBERT ALLEN CANNER, A.B., Wayne  
 State University, 1964  
 ALAN SESSEL DOCKTERMAN, B.S., 1964  
 ROGER ANDREW GERTH, A.B., Michigan  
 State University, 1959  
 HENRY CLAY IDE, A.B., Tufts Univer-  
 sity, 1960  
 EVERETT DAN KIMMEL, B.S., 1959

JAMES EUGENE ROSE, JR., B.S., 1964  
 KENNETH ALAN RUUD, A.B., Parsons  
 College, 1964  
 WILLIAM CRAVENS SHAFFER, A.B., 1958  
 MILTON SHERMAN, A.B., 1962; B.S., Co-  
 lumbia University, 1963; Honors  
 JAY HOWARD TRESSLER, A.B., DePauw  
 University, 1964

**COLLEGE OF EDUCATION****Degree of Bachelor of Science***In the Education of the Deaf*

REBECCA PATERNOSTER DEBATIN, High  
 Honors

*In Elementary Education*

PATTI LYNN BELL  
 JANICE MARIAN BILLINGS  
 SUSAN FRIES FALKMAN  
 LEE KUEHN GOLEASH  
 JUNEALDA FREY JACKSON

SHEILA MARGARET PORN  
 HELEN VINSON REEDER, High Honors  
 HOLLIS SUE SALKIN  
 VIVIAN FRANCES STEWART  
 ETHEL MARIE WILLIAMS

*In Secondary Education*

RICHARD ALAN BRICKWELL  
 GLENN EDWARD KEEVER

CHAVA PERLBERG

**COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION****Degree of Bachelor of Science***In Accountancy*

PAULA HELEN BRATT  
 JAMES MARSHALL GEIGEL  
 CHRISTY RAY HAYNES  
 JAMES ARTHUR HENDERSON  
 ALAN NEIL KAPP, Honors  
 MARTIN STUART KOREY  
 ARTHUR LEWIS MANN  
 PETER HERBERT MARSH  
 DAVID EDWARD MATES  
 CARLOTTA SCHRIBER McELROY

JANET FOSLER McFADDEN  
 GARY JON OYER  
 PAUL MARK PEARSON  
 BRUCE DILLINGER ROBERTSON  
 DAVID ARTHUR ROLLER  
 TOM CARL RUNGE  
 DANIEL TOBIAS SHERE  
 RAYMOND FRANCIS SLATTERY  
 ROBERT JOSEPH STARZYK  
 JOSEPH WAGNER

*In Commercial Teaching*

JUDITH KERCHNER POTTER

*In Economics*

ALAN GLENN BLACKWOOD  
 CAROLYN GRACE BURRELL  
 DAVID BENJAMIN CARLSON, High  
 Honors

JOHN HAROLD FARTHING  
 GARY HOWARD FIELD  
 PHILLIP WILFRED PELOQUIN, JR.  
 ROBERT LESLIE TIGGEMANN, Honors

*In Finance*

DENNIS CLAIR HENSLEY  
 ANDREW WILLIAM KOEHLER

JACK HENRY LEMEIN

*In Industrial Administration*

WAI-LAM LO

*In Management*

JERRY WILLIAM HACKER

EDWARD RAYMOND MELCHIN

*In Marketing*

MICHAEL CRAIG BRAUN  
 WILLIAM EDWARD D'ALLAIRD  
 CHARLES STEPHEN DAVIS  
 GEORGE TRENT MARQUIS

LARRY PAUL ROSS  
 JEFFREY MICHAEL SHANIN  
 JOHN ARTHUR ULLRICK  
 MICHAEL DEAN WILSON

**COLLEGE OF JOURNALISM AND COMMUNICATIONS****Degree of Bachelor of Science***In Communications*

ROBERT JAY BELINOFF  
 COLEMAN MATTHEW CHANDLER  
 ANDREW EDWARD CHVOJKA

STANLEY NICHOLAS PAYNE  
 PAUL HENRY STEVENS  
 LARRY HUGH TAYLOR

**COLLEGE OF FINE AND APPLIED ARTS****Degree of Bachelor of Architecture**

RICHARD EUGENE LILLARD, JR.  
 MICHAEL LESTER LUX  
 ALAN WARD PALMER

RICHARD HAROLD QUAIL  
 JAMES JOSEPH WOZNIAK  
 JAMES GREGORY YOUNG

**Degree of Bachelor of Fine Arts***In Art Education*

MARY MARGARET BURKE, Honors  
 JO ANN GROTH  
 ANNE ROGERS MCKINNEY  
 SUSAN LORRAINE McMAINS

KAREN MARIE PROSIN  
 SHARON LYNN THODE, High Honors  
 MARSHA ANNE WALKER, Honors

*In Crafts*

GLENDA MAY ANDERSON

*In Graphic Design*

JOYCE MARIE GRUSZESKY  
 ANTON MAJERI, JR.  
 NANCY FRANCES NINKE

JAMES EMAN RINGQUIST  
 DIANE ELIZABETH SCHMIDT

*In Industrial Design*

JOHN DENNIS HUTTON

*In Painting*

HAROLD ELMER FEIST, Honors

VERA RIGOTTI KRAUSS, High Honors

**Degree of Bachelor of Music**

MARGARET ANN MEHARRY BOWERS,  
 Honors  
 MARK EDWARD JOHNSON

META CAIN PETRARCA  
 ALBERTO PEDRO RAFOLS  
 MICHAEL BARTLETT RUSSELL

**Degree of Bachelor of Science***In Medical Art*

IRENE MARCHERTAS  
 NANCY MORRIS

CHARLES STEVEN WELLEK, Honors

*In Music Education*

DIANNE ELAINE FISHER

**COLLEGE OF PHYSICAL EDUCATION****Degree of Bachelor of Science***In Physical Education*

CLIFFORD L. ADAMO  
ROBERT WALTER BRACH  
THOMAS RICHARD HABLEY  
JAMES HOWARD HOFFMAN

PAULA WOLF KISTLER  
ROBERTA LYNNE PORT  
WILLIAM PAUL ZILLMAN

*In Recreation*

SANDRA HINDIN GREENBERG  
GEORGE PATRICK HUGHES  
MARLENA JOYCE KAMSTOCK  
JOANNE JOY RINGENBERG

JAMES THOMAS STOTZ  
RICHARD ALAN STOTZ  
LANCE HENRY WUELLNER

**COLLEGE OF VETERINARY MEDICINE****Degree of Bachelor of Science***In Veterinary Medicine*

DENNIS MICHAEL WEBSTER

**SECRETARY'S REPORTS**

The Secretary presented for record the following lists: appointments to the faculty made by the President; declinations and resignations; leaves of absence. A copy of the report is filed with the Secretary.

**CHANGE IN SABBATICAL LEAVE OF ABSENCE**

GOVINDJEE, Associate Professor of Botany and Biophysics, Urbana — sabbatical leave granted him for the academic year 1967-68 with one-half pay, changed to sabbatical leave for the second semester with full pay.

**REPORT OF THE FINANCE COMMITTEE****Treasurer's Bond**

Mr. Grimes, for the Finance Committee, reported that it has received from Robert R. Manchester, Treasurer of the University, a bond dated March 14, 1967, in the amount of \$6,000,000, with the Continental Casualty Company as surety.

The bond has been approved by the Legal Counsel and by the Business Office. The Finance Committee has accepted the bond and reports its receipt for record.

This report was received for record.

**FUTURE MEETINGS OF THE BOARD**

President Johnston announced that the next three meetings of the Board will be held as scheduled: October 16, 1967, Medical Center campus; November 10, 1967, Urbana-Champaign campus; December 20, 1967, Urbana-Champaign campus.

**REGULAR MEETING RECESSED**

President Johnston stated that the regular meeting of the Board would be recessed and that a meeting of the Committee on Buildings and Grounds had been called. He further stated that an executive session had been requested and was being ordered following the committee meeting for consideration of recommendations relating to patentable inventions, pending litigation, and property acquisitions.

Following the meeting of the Buildings and Grounds Committee and during the luncheon recess the following new deans of the Chicago Circle campus were introduced: Dean D. B. Doner, College of Liberal Arts and Sciences; Director W. L. Garrison, Center for Urban Studies; and Dean Daniel C. McCluney, Dean of Faculties.

#### 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, except Mr. Page who asked to be excused.

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

#### LAND ACQUISITION PROGRAM FOR 1967-69, URBANA

(29) The University of Illinois Foundation has purchased properties at Urbana-Champaign on behalf of the University under its loan commitment from The First National Bank of Chicago for 1965-67 in the amount of \$3,554,535.

It is estimated that during the coming biennium it will be desirable for the University or the Foundation to acquire additional property in order to provide for campus expansion in the amount of \$1,189,000, making a total land acquisition program of \$4,743,535.

The General Assembly appropriated funds for the acquisition of land in Urbana-Champaign in the amount of \$1,831,850. This requires financing of \$2,911,685.

The First National Bank of Chicago has agreed that if the University, under the terms of the land option contracts with the Foundation, will acquire sufficient properties so that the Foundation can reduce its present indebtedness to the Bank to \$2,500,000, or below, it will be willing to extend the maturity of the line of credit to the University of Illinois Foundation loan in an amount not to exceed \$2,500,000 until the end of the biennium 1967-69. The University can provide out of its Contract Research Reserve the sum of \$411,685 to purchase land to be used for research activities, so that, with the extension of the loan from The First National Bank of Chicago and the balance of the appropriation, the above land acquisition program for 1967-69 can be financed.

The Director of the Physical Plant and the Vice-President and Comptroller recommend approval of this program and the purchase of the following properties from the University of Illinois Foundation at the prices indicated, plus miscellaneous costs incurred in the acquisition of the properties:

511 East John Street.....	\$128 158 00
502 East Daniel Street.....	30 500 00
504 East Daniel Street.....	50 000 00
806 South Fifth Street.....	75 000 00
1012 South Fifth Street.....	60 000 00
1001 South Sixth Street.....	41 000 00
1301 West Stoughton Street.....	32 500 00
1202 West Oregon Street.....	45 000 00
903 West Illinois Street.....	45 000 00
905 West Illinois Street.....	41 000 00
904 West California Avenue.....	30 500 00
906-908 West California Avenue.....	70 000 00
<i>Total</i> .....	<u>\$648 658 00</u>

Funds are available in the state capital appropriation and have been released.

Other purchase recommendations will be brought to the Board of Trustees for action.

The Chancellor at the Urbana-Champaign campus and the Executive Vice-President and Provost endorse these recommendations.

I concur.

On motion of Mr. Swain, these recommendations were approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr.



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

#### RECOMMENDATIONS OF THE UNIVERSITY PATENT COMMITTEE

(30) 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. High temperature electric cell for solid fuels—Shao L. Soo, Professor of Mechanical Engineering, and Gerald M. Colver, Assistant in Mechanical Engineering, inventors. This high temperature electric cell for solid fuels produces electricity from a solid fuel (such as graphite, coal, etc.) and an oxidizer (such as oxygen). The electrodes consist of an anode formed by fuel fed into the reaction zone and a cathode formed by a porous metal rod feeding oxygen. After ignition, combustion raises the gap ( $\frac{1}{2}$  to 1 mm.) to high temperature and electricity is generated.

This disclosure covers the basic ideas for a solid fuel cell such as for coal. Claim should include multiple electrodes and extended surface electrodes and a feed means for fuel.

The Committee recommends assignment of the rights of the University to the inventors.

2. Gamma-electric cell—Henry T. Sampson, Graduate Student in Nuclear Engineering, inventor. The gamma-electric cell is a device that produces electrical energy when placed in a gamma radiation field. The output current from the cell is proportional to the intensity of the radiation field. Therefore a calibrated cell can be used to measure the intensity of an unknown field. The gamma-electric cell can also be used as a high voltage source when attached to a high impedance load.

The Committee recommends assignment of the rights of the University to the inventor.

3. Telepedometer for the remote measurement of human locomotor activity—R. E. Herron and R. W. Ramsden of the Motor Performance Laboratory, Children's Research Center, inventors; developed under the sponsorship of the State of Illinois Department of Mental Health. This device consists of a short-range, inexpensive, transmitter-transducer designed for installation in the heel of a shoe. It was intended as a means of monitoring foot contact with the ground in order to provide information about "natural" patterns of daily physical activity in children. An important aim was to eliminate possible artifacts due to the subject's awareness that he is under study. The instrument seems to have acceptable stability and reliability and it may be installed and remain in the heel of a shoe, unknown to the wearer, for a matter of days.

The Committee recommends assignment of the rights of the University to the inventors.

4. Feed system for paraboloidal antennas—John H. Bruning, Research Assistant in Electrical Engineering, inventor; developed under a contract with the Andrew Corporation. It has been demonstrated mathematically and experimentally that for a uniform illumination design, the gain loss incurred by using the best fit paraboloid in place of the specially shaped main reflector gives a significant net increase in gain over the more conventional conic dual reflector system. For the case of the high performance or low sidelobe type aperture distributions (tapered or Taylor distribution), it has been demonstrated mathematically that the best fit paraboloid fits the specially shaped surface to within an even higher degree of accuracy.

The Committee recommends assignment of the rights of the University to the Andrew Corporation.

5. Edible food coatings—A. I. Nelson, Professor of Food Science, and Dov Hartal, Research Assistant in Food Science, inventors; developed under the sponsorship of the State of Illinois Department of Agriculture. The initial work on this project was directed toward development of an edible corn carbohydrate coating for meat and other food products. Representative products of the various starches, dextrans, corn sirups and corn sugar were evaluated alone and in combination as food coatings. The major, and unsurmountable, problem was the difficulty encountered in fixing and firming these coatings. No single starch or combinations of carbohydrates were suitable because a long time was required for the coatings to set or dry. This problem was solved by the addition of sodium alginate to the carbohydrate coating. After being dipped in the coating material, the food

product was immersed in a calcium chloride solution which caused an almost instantaneous exchange of the calcium with the sodium in the alginate. The resulting coating was firm and the coated product could be handled immediately.

The Committee recommends that the rights of the University be assigned to the University of Illinois Foundation for further development and possible patent application.

6. Ferromagnetic shielding enhancer — David Cohen, Associate Professor of Physics at Chicago Circle, inventor. It has been known that the application of an oscillating magnetic field inside ferromagnetic material increases the permeability, and can, under certain conditions of periodicity and intensity, raise the permeability to the "ideal magnetization curve." This present invention is applying this principle to magnetic shielding in the following way: a toroid, say, is wrapped around a cylindrical, uncapped shield, and a.c. passed through the toroid; the shielding efficiency of the cylinder is then increased because the effective permeability is greater, for mag. frequencies less than the exciting a.c. frequency.

The Committee recommends assignment of the rights of the University to the University of Illinois Foundation for further study, development, and possible patent application.

7. Water-soluble Dichloro-s-triazinyl agents for the therapy of burns and other conditions of the skin and corium — Philip P. Goland, Research Associate in Orthodontics at the Medical Center, and Floyd J. Green, of the Department of Orthodontics at the Medical Center, inventors; developed under a contract with the Institutum Divi Thomae. Experiments show 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. It was found that the homeostatic mechanisms are aided by the establishment of these cross-linked polymeric products preventing the loss of capillary fluids. In addition, these agents have bacteriocidal and bacteriostatic properties and are thus of aid in prevention or ameliorating established infection.

The Committee recommends assignment of the rights of the University 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.

8. Optically excited thin platelet lasers — Nick Holonyak, Jr., Professor of Electrical Engineering, and Murray D. Sirkis, Professor of Electrical Engineering, inventors; developed under a contract with the United States Air Force and the Advanced Research Projects Agency. By optical excitation (optical pumping) thin semiconductor platelets are made to operate as lasers either by photon amplification along the surface of a platelet or by photon amplifications through the thickness dimension of the platelet. The latter is potentially more important since it leads to an ultra small volume laser with potential application to holography.

The Committee recommends assignment to the University of Illinois Foundation of the rights of the University, subject to recognition of the rights of the sponsoring agencies.

9. Flexible surface disc for multi-transducer computer controlled audio record and playback devices — Brian W. Voth, Research Engineer at Coordinated Science Laboratory, inventor; developed under a contract with the United States Army Electronics Command and the Advanced Research Projects Agency through the Office of Naval Research. This device consists of a disc of novel design which has a flexible, air supported surface. It is to be used primarily in multi-head, contact type magnetic audio records and playback devices. The unique feature of the disc is its flexible, air supported surface which permits the use of stiffly suspended, contact type transducer heads by virtue of its ability to accommodate small irregularities in head-to-disc spacing arising from variations in disc flatness, flexible surface flatness, or alignment of heads.

The Committee recommends assignment to the University of Illinois Foundation of the rights of the University, subject to recognition of the rights of the sponsoring agencies.

10. Log periodic dipole, folded dipole, monopole, and slot arrays fed by a pair of coupled transmission lines which form a log-periodic scaled directional coupler — Paul G. Ingerson, Research Assistant in the Department of Electrical Engineering, inventor; developed under a contract with the United States Air

Force Avionics Laboratory. The general purpose of the proposed design is to overcome several limitations of the conventional log-periodic dipole array design by using a feeding system of two coupled transmission lines instead of a single line, so that in place of dipole radiating elements, folded dipole elements, with their inherent broadband performance, slots, and other types of radiators can be used. The construction of a compact monopole and folded-monopole over ground plane array is possible as well as a log-periodic slotted ground plane array. Finally by using two lines of different characteristics impedances to form the coupler, a wider range of mean input impedances may be achieved.

The Committee recommends that the rights of the University be assigned to the University of Illinois Foundation, subject to the rights of the sponsoring agency, for further development and possible patent application.

11. Stochastic switch—Dennis R. Zander, Research Assistant in Electrical Engineering, and W. Ross Ashby, Professor of Electrical Engineering and of Biophysics, inventors; developed under contract with the United States Air Force Systems Engineering Group. The stochastic switch is designed to provide a random connection between electrodes with specifiable and controllable probability; for instance a 23-per cent probability of connection between electrodes at each activation.

The Committee recommends assignment of the rights of the University to the University of Illinois Foundation, subject to the rights of the sponsoring agency, for further development and possible patent application.

12. Method of treatment of deep-seated caries and dental pulp—Philip P. Goland, Research Associate in Orthodontics at the Medical Center, Eugenio Zerlotti, of the Department of Orthodontics at the Medical Center, and Ayrton Orlando de Toledo, of the Department of Orthodontics at the Medical Center, inventors; developed under contract with the United States Public Health Service. This pertains to the use of halo-s-triazinyl compounds as cross-linking and calmativ agents for the topical treatment of the tooth. More particularly, they have applicability for focal (1) desensitization of cementum, and dentin; (2) the treatment of dentin in deep caries; (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 assignment of the rights of the University to the University of Illinois Foundation, subject to the rights of the sponsoring agency.

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

#### EMPLOYMENT OF SPECIAL COUNSEL

(31) A suit has been filed in the Circuit Court of Cook County (67 L 13177) by Howard S. Chapman (one of the passengers in a University plane which crashed November 28, 1966) against the University, its eleven Trustees, the Secretary of the Board and of the University, and Robert L. Ayers, the pilot of the University aircraft. The complaint seeks damages for personal injuries alleged to have been caused, in part, by the negligence of the defendants. The complaint further alleges that certain portions of the Illinois Court of Claims statute are invalid and unconstitutional. Each of the University employees named as a defendant is alleged to have been performing his University duties on the occasions referred to in the complaint, and each has requested the University to provide representation for him in the matter.

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

I concur.

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

On motion of Mr. Grimes, the Board adjourned.

EARL W. PORTER  
*Secretary*

WAYNE A. JOHNSTON  
*President*