

MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

September 18, 1968



The September meeting of The Board of Trustees of the University of Illinois was held in the Faculty Lounge of the Illini Union, Urbana, Illinois, on Wednesday, September 18, 1968, beginning at 9:30 a.m.

President Timothy W. Swain called the meeting to order and asked the Secretary to call the roll. The following members of the Board were present: Mr. Howard W. Clement, Mr. Donald R. Grimes, Mr. Ralph C. Hahn, Mr. Earl M. Hughes, Mr. Theodore A. Jones, Mr. Harold Pogue, Mr. Timothy W. Swain, Mr. Kenney E. Williamson. Mr. Ray Page, Governor Samuel H. Shapiro, and Dr. James A. Weatherly were absent.

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

MINUTES APPROVED

The Secretary presented the minutes of the meetings of the Board of Trustees on September 20, 1967, October 16, 1967, November 10, 1967, December 9, 1967, and December 20, 1967, press proof copies of which had previously been sent to the Board.

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

REPORT OF THE EXECUTIVE COMMITTEE

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Be It, and It Hereby Is, resolved by The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, acting through its Executive Committee, that the University of Illinois Foundation be requested to provide for the financing and construction of an Intramural-Physical Education Building at the Urbana-Champaign campus of the University of Illinois in accordance with the following outlined financing plan.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

APPROPRIATIONS FOR NONRECURRING EXPENDITURES

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

College of Communications

Radio Station — relocation and modernization of

WILL-FM transmitter \$ 92 000 00

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

College of Pharmacy

Department of Chemistry — equipment \$ 15 340 00

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

Remodeling and cleaning of the ventilation system in the Medical

Research Laboratory 41 000 00

Total, Medical Center General Reserve \$ 56 340 00

Grand Total \$148 340 00

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

I recommend approval.

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

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

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

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

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

On motion of Mr. Hughes, the contract was awarded by the follow-

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

PURCHASES

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

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

The total amounts of these purchases were:

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

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

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

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

R. C. WICKLUND
Assistant Secretary and Clerk

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

FINANCE COMMITTEE MEETING

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

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

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

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

PRESIDENT'S REPORT

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

THE STUDENT DISTURBANCE OF SEPTEMBER 9, 1968

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

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

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

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

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

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

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

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

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

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

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

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

BIENNIAL OPERATING BUDGET FOR 1969-71—PART I

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

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

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

I. Introduction

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

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

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

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

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

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

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

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

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

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

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

Operating Costs of New Buildings and Other Space

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

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

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

Chicago Circle

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

Medical Center

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

Urbana-Champaign

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

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

Small Animal Clinic and Hospital

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

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

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

New Programs

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

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

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

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

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

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

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

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

Program Expansion and Improvement

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

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

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

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

Other Increases

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

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

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

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

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

General Comment

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

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

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

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

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

III. Chicago Circle Campus

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

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

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

Operating Costs of New Buildings and Other Space

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

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

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

New Programs

Instruction

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

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

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

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

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

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

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

Facility	Floor Area Gross Square Feet	Occupancy Date	Annual Cost per Gross Square Feet	Annual Funds 1969-70	Increase 1970-71	Total 1969-71
New Buildings — 1969-71						
Behavioral Sciences Center.....	231,900	9-69	\$1.870 ¹	\$361 378	\$ 72 275	\$ 795 031
Education and Communications Building.....	131,864	12-70	1.831 ¹		140 842	140 842
Physical Education Building.....	221,621	9-70	1.747 ¹		322 643	322 643
Science and Engineering Building.....	330,424	9-69	1.898 ¹	522 621 (883 999)	104 524 (640 284)	1 149 766 (2 408 282)
Subtotal.....						
Parking Facilities (Surface).....	240,000	3-71	.10		8 000 (8 000)	8 000 (8 000)
Subtotal.....						
Leasehold Property Activated During 1969-71 Biennium						
Space for Human Resources and Manpower Program.....	1,000	7-69	3.400	3 400 (3 400)		6 800 (6 800)
Subtotal.....						
Total.....				\$887 399	\$648 284	\$2 423 082

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

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

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

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

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

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

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

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

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

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

Research

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

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

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

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

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

Program Expansion and Improvement

Instruction

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

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

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

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

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

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

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

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

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

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

Research

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

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

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

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

Other Increases

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

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

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

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

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

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

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

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

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

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

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

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

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

IV. Medical Center Campus

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

Operating Costs of New Buildings

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

New Programs

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

In order to provide organizational arrangements appropriate to the administra-

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Program Expansion and Improvement

Instruction

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

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

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

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

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

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

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

Research

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

Other Increases

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

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

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

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

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

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

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

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

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

V. Urbana-Champaign Campus

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Operating Costs of New Buildings and Other Space

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

New Programs

Instruction

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

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

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

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

Research

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

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

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

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

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

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

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

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

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

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

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

Program Expansion and Improvement

Instruction

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

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

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

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

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

Research

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

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

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

Public Service

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

Other Increases

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

VI. General University Programs

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

Program Expansion and Improvement

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

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

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

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

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

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

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

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

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

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

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

Other Increases

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

AWARD OF CERTIFIED PUBLIC ACCOUNTANT CERTIFICATES

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

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

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

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

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

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

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

I concur.

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

APPOINTMENTS TO THE FACULTY

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

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

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

Chicago Circle

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

Medical Center

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

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

Urbana

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

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

Visiting Staff

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

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

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

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

NONSALARIED FACULTY OF THE COLLEGE OF MEDICINE, 1968-69

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

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

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

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

REVISION OF UNDERGRADUATE HEALTH EDUCATION CURRICULUM, URBANA

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

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

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

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

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

¹ The figures in parentheses indicate the number of emeritus members.

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

I recommend approval.

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

AN INTERINSTITUTIONAL GRADUATE STUDY CENTER IN THE QUAD-CITIES AREA¹

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

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

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

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

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

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

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

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

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

I concur.

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

PRAIRIE OBSERVATORY

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

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

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

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

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

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

Submitted herewith is a memorandum from the Physical Plant Department, including a schedule of bids received, a copy of which is being filed with the Secretary of the Board for record.

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

PARKING STRUCTURE, URBANA

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

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

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

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

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

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

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

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

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

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

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

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

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

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

The President also recommends that the Comptroller and the Secretary of the Board be authorized to make, execute, acknowledge, and deliver such instruments of transfer, conveyance, lease, contract, and other documents as are necessary to provide for the carrying out of the foregoing project and facility by the Illinois Building Authority.

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

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

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

Resolution

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

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

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

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

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

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

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

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

Date

Instrument of Transfer

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

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

Exhibit "A"

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

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

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

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

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

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

THE BOARD OF TRUSTEES OF THE
UNIVERSITY OF ILLINOIS

Attest:

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

Secretary

(Seal)

Dated, 19.....

Governor, State of Illinois

Approved as to form and content:

Counsel for The Board of Trustees of
the University of Illinois

STATE OF ILLINOIS }
COUNTY OF } SS

Acknowledgement

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

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

Notary Public

My Commission Expires

Certification

TO THE ILLINOIS BUILDING AUTHORITY:

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

Dated this day of, 19.....

Recorder of Deeds

County, Illinois

Resolution

Be It, and It Hereby Is, Resolved by The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, that the Illinois Building Authority be, and it hereby is, requested to award to the Erik A. Borg Company, 7667 Gross Point Road, Skokie, Illinois, a contract for the entire work for the

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

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

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

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

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

The bids were rejected for the following reasons:

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

This report was received for record.

ESTATE OF MADELINE FOREMAN

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

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

PURCHASES

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

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

The total amounts of these purchases were:

From Appropriated Funds

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

From Institutional Funds

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

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

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

COMPTROLLER'S REPORT OF PURCHASES APPROVED

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

This report was received for record.

COMPTROLLER'S MONTHLY REPORT OF CONTRACTS EXECUTED

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

New Contracts

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

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

Change Orders

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
Agency for International Development AID-CSD-1432	Malaria immunity and vaccination	\$1 416 500 00
The Griffin Wheel Company	The improvement of cast steel railway car wheels	32 300 00
Illinois Department of Conservation	Wildlife research studies	118 841 00
The Institute of Boiler and Radiator Manufacturers	Performance of steam and water heating systems and related equipment	38 720 00
Moorman Manufacturing Company	Nitrogen utilization in the ruminant as influenced by other dietary constituents	9 000 00
National Aeronautics and Space Administration NGL 14-005-074	Studies in auditory and vestibular end organs and brain stem nuclei	160 000 00
National Lime Association	Fundamental properties of calcium with the intent to extend the use of lime minerals into new fields	30 626 00
State of Illinois Department of Mental Health: Herman M. Adler Zone Center	Perform analyses of children's activity and motor performance	15 317 00
State of Illinois Department of Mental Health 17-121	Residency training in psychiatry	50 000 00
United States Air Force: AF 30 (602)-4144	Experimentation in parallel computation	2 200 000 00
AF-AFOSR-66-1147B	Gas laser studies in the 50 to 1000 micron range of the electromagnetic spectrum	55 000 00
AF-AFOSR-390-67	Modulation and demodulation of coherent optical radiation	45 000 00
United States Army DAAB 07-67-C-0306	Design of a directional finder system for the MF-HF-VHF ranges	30 000 00
United States Atomic Energy Commission AT (11-1)-1502	Photosynthetic processes in cells	15 000 00
United States Department of Health, Education, and Welfare: PH-43-65-1031	Vaccines for immunization against viral respiratory infection	84 517 00
OEG-0-8-003058-3058	Program development grant in the area of internship administration	22 378 00
United States Navy N00025-67-C-0004-Pool	Evaluation of the mechanics of fracture of threaded members subjected to multiple and repeated loadings	20 000 00
Total		\$4 343 199 00

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>
Barber & DeAtley, Inc.	Cost-plus contracts: Administration Building	\$ 8 000 00
	general Allerton Main House	5 000 00
	Animal Sciences	6 000 00
	Laboratory	
	David Kinley Hall	12 000 00
	Lincoln Avenue	6 687 00
	Residence Hall	
	Veterinary Medicine	6 000 00
	Woodshop and Foundry	5 000 00
Brunkow Electric Company	Cost-plus contracts: Art Studio and Art	6 500 00
	electrical Sculpture Building	
Emric Electric, Inc.	Cost-plus contracts: University High School	6 000 00
	electrical	
Fries Walters Co.	Cost-plus contracts: Physical Environment	5 000 00
	electrical Building	
	Old Illini Union Building	12 948 00

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>
Jamar-Olmen Co.	Cost-plus contracts: general Old Illini Union Building	\$ 5 553 00
Simpson Construction Co.	Cost-plus contracts: general Physical Environment Building Medical Center landscaping Neuropsychiatric Institute Neuropsychiatric Institute	16 000 00 6 153 00 5 664 00 5 578 00
<i>Total</i>		<u>\$ 118 083 00</u>

Summary

Amount to be paid to the University.....	\$5 808 857 00
Amount to be paid by the University.....	118 083 00

This report was received for record.

INVESTMENT REPORT
For the Month of June, 1968

Report of the Finance Committee

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

*Miller**Purchases:*

1,000 shares Babcock and Wilcox common stock.....	\$45 528 04
1,000 shares Dresser Industries 2.20 Cv. preferred stock.....	44 410 00
1,000 shares Standard Oil of Indiana common stock.....	53 443 00

*Pool**Exchange:*

1,038 shares Insurance Company of North American common stock for
2,076 shares INA Corporation common stock.

Sales:

\$45 000 Associates Investment demand notes.....	45 000 00
14 000 Walter E. Heller & Company demand notes.....	14 000 00
4/10 share Royal Dutch Petroleum common stock.....	18 34

Report of the Comptroller

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

*Restricted Group**Current Funds**Purchases:*

\$1 000 000 Cargill notes due 10/3/68.....	\$ 979 340 28
1 000 000 Local Loan notes due 10/3/68.....	981 250 00
300 000 Federal National Mortgage Association notes due 10/14/68.....	293 772 92
700 000 Federal National Mortgage Association notes due 12/16/68.....	678 235 83
1 000 000 First National Bank of Chicago C/D due 1/3/69.....	1 000 000 00

*Stubbins Student Loan Fund**Purchase:*

\$11 000 U.S. Treasury bills due 5/31/69.....	10 437 79
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*Assembly Hall**Construction Funds**Sale:*

\$2 000 U.S. Treasury bills due 11/30/68.....	\$ 1 940 07
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*Dentistry-Medicine-Pharmacy Auxiliary (Medical Center)**Purchase:*

\$36 000 U.S. Treasury bills due 2/29/69.....	34 656 41
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Krannert Contributions

Sale:	
\$43 000 U.S. Treasury bills due 12/31/68.....	41 752 95
Purchase:	
\$285 500 Cargill 5½ per cent notes due 6/30/76.....	285 500 00

Orchard Apartments

Sale:	
\$137 000 U.S. Treasury bills due 11/30/68.....	133 490 25

Union (Chicago Circle)

Sale:	
\$5 000 U.S. Treasury bills due 7/11/68.....	4 983 96

*Sinking Funds**Bonds of 1964 (Medical Center)*

Purchases:	
\$23 000 U.S. Treasury bills due 11/14/68.....	22 529 47
24 000 U.S. Treasury 4 per cent bonds due 2/15/70.....	23 430 00

Dentistry-Medicine-Pharmacy (Medical Center)

Purchase:	
\$40 000 U.S. Treasury bills due 9/26/69.....	39 472 62

Housing Revenue Bonds

Purchase:	
\$92 000 U.S. Treasury 6 per cent notes due 8/15/69.....	92 028 75

Revenue Bonds of 1956

Purchase:	
\$62 000 U.S. Treasury 6 per cent notes due 8/15/69.....	62 019 38

For the Month of July, 1968**Report of the Finance Committee**

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

Goldberg

Purchase:	
\$25 000 CIT Financial Corporation demand notes.....	\$25 000 00

Miller

Purchase:	
\$1 000 Transamerica demand notes.....	1 000 00

Pool

Sale:	
700 shares Addressograph-Multigraph common stock.....	58 816 66
Purchase:	
\$96 000 Sears Roebuck Acceptance Corp. demand notes.....	96 000 00

Report of the Comptroller

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

*Current Funds**Ford Foundation—General Engineering*

Purchase:	
\$74 000 U.S. Treasury bills due 6/30/69.....	\$ 70 553 66

Restricted Group

Sales:	
\$1 000 000 Local Loan notes due 10/3/68.....	986 631 94
500 000 U.S. Treasury bills due 4/22/69.....	501 065 28

Purchases:

\$1 000 000 Household Finance 6 per cent notes due 3/4/69.....	996 706 50
500 000 U.S. Treasury bills due 4/22/69.....	500 000 00
1 000 000 Local Loan 6½ per cent notes due 7/18/69.....	1 000 000 00

*Construction Funds**Florida Avenue Residence Halls*

Purchase:

\$380 000 U.S. Treasury bills due 10/3/69.....	374 877 20
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Orchard Apartments

Sale:

\$32 000 U.S. Treasury bills due 11/30/68.....	31 345 54
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*Sinking Funds**Assembly Hall*

Purchases:

\$386 000 U.S. Treasury bills due 9/19/68.....	383 451 86
250 000 U.S. Treasury bills due 3/24/69.....	240 115 56
455 000 U.S. Treasury 6 per cent notes due 8/15/69.....	457 488 28
153 000 U.S. Treasury 4 per cent bonds due 2/15/70.....	150 465 94

Housing Revenue Bonds

Purchases:

\$1 350 000 U.S. Treasury 6 per cent notes due 8/15/69.....	1 353 796 88
120 000 U.S. Treasury 4 per cent bonds due 2/15/70.....	117 300 00

This report was received for record.

COMMUNICATIONS FROM NJALA UNIVERSITY COLLEGE

(18) I am pleased to report for the record of the Board of Trustees several communications concerning Njala University College.

There follows a letter from the Principal of Njala University College which was received in the President's Office on July 10, 1968:

"Dear President Henry,

"It is with pleasure that I write to inform you officially that the Senate of the University of Sierra Leone last week Saturday formally approved the pass list for the degree students in their final year of studies at Njala University College.

"Please find attached the complete pass list, together with a break-down of the results. I enclose also copies of the reports of the External Examiners.

"To all of us at Njala this achievement is significant in many ways. We have demonstrated that Njala can make a worthwhile contribution to the overall development of Sierra Leone.

"Between now and the beginning of the next school year we have time to pause and reflect back over the past five years and re-examine ourselves critically with a view to determining our weak spots and planning remedial measures. We hope to maintain the standards that we have reached and improve upon them as the years go by.

"The development of Njala University College has been a joint educational effort between the University of Illinois and this College. Without your interest and support what we have just achieved would have been impossible. I send you and all your staff members who have participated in this very stimulating experiment at Njala my personal gratitude for all that has been done here. I am particularly happy that Russ Odell, Karl Gardner, Ray Karnes, and Jim Crawford are being proved right in the recommendations they made.

"We still have formidable problems which are being aggravated with happenings in the country during the past eighteen months. Notwithstanding this I have firm faith that the situation will improve gradually so that we could be able to work in an atmosphere congenial to sound academic performance."

On August 1, the following communication was received from Mr. Thomas A. McCowen, Director of the University Projects under the Agency for International Development and the University of Illinois:

"The Njala University College Council at its 20th meeting held on Saturday, July 26, passed the following resolution:

"Be it **RESOLVED** that

"This Council,

"Taking note that out of 11 final year students in Education, ten qualified for the award of a degree, and that out of 37 final year students in Agriculture, 33 qualified for the award of a degree, of whom two were placed in the first division and that out of 3 final year students in Home Economics, 2 qualified for the award of a degree;

"Conveys its gratitude to the Government of Sierra Leone and the United States for the financial and other support which they have given to the College, particularly the former with its meagre financial resources, and also to the President of the University of Illinois and all those members of the contract staff who have co-operated in the development of the College and without whose assistance it would have been difficult to achieve the present result;

"Requests the Sierra Leone Government to transmit the substance of this resolution to the U.S. Government through the usual diplomatic channels;

"Asks the Secretary to transmit this resolution to Government through the usual channels.

"I have been requested by the Njala University College Registrar to transmit the substance of the resolution to the President of the University of Illinois and members of the contract staff who have returned to the United States and other interested parties. It is my pleasure to do so."

This report was received for record.

GIFT OF MRS. WILLIAM E. LEVIS

(19) Mr. Farber stated that Mrs. William E. Levis, Perrysville, Ohio, had offered to give the University of Illinois Foundation the sum of one million dollars, contingent upon gifts from others of \$600,000, to help provide a faculty center at the Urbana campus. The center, to be located east of the Krannert Center for the Performing Arts, would be named the Margaret H. and William E. Levis Faculty Center. (Mr. Levis, who died in 1962, was President and Chairman of the Board of Owens-Illinois Glass Company and was an alumnus of the College of Law, Class of 1913. Mrs. Levis was graduated from the College of Liberal Arts and Sciences in 1914.)

The Trustees expressed their warm appreciation for the gift and directed the Secretary to convey their gratitude to Mrs. Levis.

DEGREES CONFERRED

The Secretary presented for record the following list of degrees conferred on candidates at the Urbana-Champaign campus on August 12, 1968.

Summary

Graduate College	
Master of Arts.....	231
Master of Science.....	325
Master of Music.....	8
Master of Education.....	78
Master of Social Work.....	5
Master of Fine Arts.....	4
Master of Laws.....	1
Master of Television.....	2
Master of Architecture.....	1
Master of Accounting Science.....	12
Master of Business Administration.....	13
Master of Commerce.....	2
Master of Comparative Law.....	1
Master of Extension Education.....	4
Master of Landscape Architecture.....	2
Master of Urban Planning.....	2
Advanced Certificate in Education.....	44
<i>Total, Graduate College.....</i>	<i>(2,835)</i>
College of Agriculture	
Bachelor of Science.....	37

College of Engineering	
Bachelor of Science.....	72
College of Liberal Arts and Sciences	
Bachelor of Arts.....	100
Bachelor of Science.....	80
<i>Total, College of Liberal Arts and Sciences.....</i>	<i>(180)</i>
College of Law	
Juris Doctor.....	5
College of Education	
Bachelor of Science.....	27
College of Commerce and Business Administration	
Bachelor of Science.....	44
College of Journalism and Communications	
Bachelor of Science.....	21
College of Fine and Applied Arts	
Bachelor of Architecture.....	8
Bachelor of Fine Arts.....	14
Bachelor of Music.....	1
Bachelor of Science.....	8
Bachelor of Urban Planning.....	1
<i>Total, College of Fine and Applied Arts.....</i>	<i>(32)</i>
College of Physical Education	
Bachelor of Science.....	22
College of Veterinary Medicine	
Bachelor of Science.....	1
<i>Total, Degrees Conferred at the Urbana-Champaign Campus.....</i>	<i>3,276</i>

GRADUATE COLLEGE

Degree of Master of Arts

In Anthropology

STEVENSON HELM SWIGERT, A.B., Harvard College, 1963

In Art Education

JOSEPH LORETTO CORSELLO, B.F.A., Illinois Wesleyan University, 1959

BETTY ATWOOD FERGUSON, B.F.A., 1946

DAISY RUTH HUBER, B.S., Northern Illinois University, 1956

DAVID ISRAEL JOHNSON, B.F.A., Drake University, 1962

DEBORAH DAVIS LIPOFSKY, B.F.A., 1963

JEAN ANN MAGNER, B.F.A., 1964

SISTER ADELAIDE ORTEGEL, B.A., St. Mary-of-the-Woods College, 1963

MARSHA ANNE WALKER, B.F.A., 1967

In Art History

ROBERT JOHN GRIGG, B.F.A., Bradley University, 1961

In Classics

JOSEPH ANTHONY KLECKA, B.A., Northwestern University, 1967

In Dance

POWELL STERLING SHEPHERD, B.F.A., University of Texas, 1964

In Economics

VUDAYAGIRI NAGABHUSHANAM BALASUBRAMANYAM, M.A., University of Mysore, 1959

RICHARD HAROLD BERGE, B.A., Augsburg College, 1960

EDWARD WILLIAM BUSH, B.S., Teachers College of Connecticut, 1960

ESHETU CHOLE, B.A., Haile Selassie I University, 1966

JEN-ING CHU, B.S., National Taiwan University, 1963

ADRIAN BLEMMER COOKSEY, B.S., University of Louisville, 1961

JAMES JOSEPH DOHERTY, A.B., A.M., Boston College, 1942, 1947

HARRY BREITIGAN EARHART, A.B., Elizabethtown College, 1950; A.M., University of Pennsylvania, 1951

- ROBERT EDGAR EMRICH, A.B., Ursinus College, 1953; A.M., University of Pennsylvania, 1955
 HERBERT JOHN FRIZOL, JR., B.S., Bradley University, 1961
 MARVIN HUFF, B.S.Ed., Pennsylvania State College (Slippery Rock), 1960
 JAMES JEREMIAH LEIK, A.B., St. Edward's University, 1960; M.B.A., University of Notre Dame, 1965
 RAYMOND CHARLES LEMIEUX, B.S., M.Ed., Massachusetts State College (Bridgewater), 1951, 1955
 WALTON LEE LINDSTRUM, B.S., State Teachers College (Wisconsin), 1957
 MONICA ANN MCCAULEY, B.A., St. Mary's College, 1957
 THOMAS ROY MCKINNON, B.A., Southern State College, 1956; M.Ed., University of Arkansas, 1959
 ELMER JOHN MOLCHAN, B.A., Saint Joseph's College (Indiana), 1954; M.S., Indiana University, 1959
 KENNETH HUGH MULLAN, B.S., M.S., Northern State Teachers College, 1955, 1961
 CHARLES BENDER NEWTON, B.S., Central Normal College, 1940; M.S., Indiana University, 1953
 GERALD LINCOLN PARKER, B.S., Illinois State University, 1961
 GEORGE HENRY PIGEON, JR., B.S.Ed., Massachusetts State College (Salem), 1962
 MARIO REGINI, B.S.Ed., Massachusetts State College (Bridgewater), 1946; M.Ed., Boston University School of Education, 1953
 ROBERT JOHN REIDY, B.S., College of the Holy Cross, 1959; M.A.T., Assumption College, 1965
 ROBERT JAMES RELLIHAN, B.A., Iowa State Teachers College, 1949; M.S.Ed., Drake University, 1956
 WAYNE ERNEST RHOADES, A.B., A.M., Nebraska State Teachers College (Kearney), 1949, 1959
 CHARLES TWYNER RHODES, B.S., Alabama State College, 1946
 FREDERICK DAVID ROBERTSON, B.S., A.M., Bowling Green State University, 1954, 1955
 MARK AARON WASSERMAN, B.A., Harpur College, 1965
 DARRELL DUANE WILKS, A.B., M.A., Western State College of Colorado, 1952, 1963

In Education

- DONALD ARTHUR BOSSHART, B.A., Hanover College, 1966
 HEATHER WILLIAMS HORNIK, B.A., Tufts University, 1966
 CHAVA PERLBERG, B.S., 1967
 PETER CHARLES SIMMONS, B.S., 1966
 DONNA JEAN UNDERWOOD, B.S., Illinois State University, 1961
 MARTHA FEELEY WHITEHURST, A.B., University of North Carolina (Chapel Hill), 1967
 JAMES EDWARD YSELIDYKE, B.A., Western Michigan University, 1966

In English

- NELSON ADRIAN BELIZARIO, B.A., St. Bonaventure University, 1964
 ROSEMARY HELEN BOEHLE, A.B., 1965
 DOUGLAS EDWIN BURGHAM, A.B., Youngstown University, 1966
 SARAH LATHROP BUTLER, B.A., College of Saint Catherine, 1966
 JOSEPH FRANCIS CECCIO, JR., A.B., Loyola College, 1967
 ROBERT DAVID DEL GRECO, B.S., Loyola University (Illinois), 1967
 BARBARA LYNNE ELLISON, B.A., Principia College, 1966
 ELLEN COHEN ELWELL, A.B., University of Michigan, 1967
 EMILY ANN WAGNER GRIER, B.S., Ball State Teachers College, 1963
 KAREN SUE KRISAC GROSZ, B.A., Coe College, 1965
 SANDRA ELEANOR HALLGREN, A.B., Illinois College, 1967
 ASHLEY JOSEPH HARRINGTON, B.A., St. Bonaventure University, 1964
 BERNARD ALAN HIRSCH, B.S., 1967
 LYNN ADELE JONES, B.A., University of Southern California, 1967
 MICHAEL JAY LABRIE, A.B., Illinois College, 1967
 JUDITH MERRILL LINDLEY, B.S., University of Tulsa, 1967
 ROBERT HUGH LOKEN, B.A., Concordia College, 1964
 DIANE KELSEY MCCOLLEY, A.B., University of California (Berkeley), 1957

ALAN MEYERS, A.B., 1967

JOHN EDMOND MONGEON, B.A., Michigan State University, 1967

SUSAN VIRGINIA MORGAN, A.B., University of Michigan, 1965

SHIRLEY ZWOYER NEAL, B.S., Eastern Illinois University, 1964

FRANCIS PAUL ROTSAERT, B.A., University of Notre Dame, 1961

MARY ANNE SCHAUB, A.B., Grove City College, 1966

WILLIAM CHARLES SCHOLER, B.A., North Central College, 1967

MARTHA ELLEN STAPP, B.A., East Texas State College, 1964

HOLLIS SPURGEON SUMMERS III, B.A., George Washington University, 1967

LOUISE WALCZAK VIDAS, A.B., 1965

SALLY FOSTER WALLACE, A.B., Mt. Holyoke College, 1960

JOHN CHARLES WENGLINSKI, B.S., Loyola University (Illinois), 1966

DAVID MORTON WIENER, B.A., University of Minnesota, 1966

In French

JEAN-MICHEL BELLOCO, Licencie en Droit, University of Paris, 1966

ALYCE ANNE EVANS, A.B., Wheaton College, 1966

KATHLEEN BROOKS JUERGENS, A.B., 1967

MARY LOUISE JUPP, A.B., 1967

JOYCE ELIZABETH SHOLL, A.B., 1963

RICHARD AUSTIN WATSON, B.A., Notre Dame University, 1964

STEPHEN CHARLES YOUNG, A.B., 1967

ANN DAINGERFIELD ZWICKY, B.A., Sweet Briar College, 1959

In Geography

GARY GRANT GULLETT, A.B., 1967

MAURICE RICHARD HACKETT, A.B., Bradley University, 1966

In German

KATHLEEN ELIZABETH MARBARGER, B.A., Northwestern University, 1966

RENATE REDLICH, B.A., Tulane University, 1966

In Greek

DONALD KENNETH GARFIELD, B.A., University of Chicago, 1967

In History

RONALD CONKLIN BROWN, B.A., Wabash College, 1967

GEORGE LEON COIL, A.B., 1966

HAROLD ANDREW ENGLE, B.A., Ohio State University, 1966

JAMES LOUIS FASSERO, B.S., Eastern Illinois University, 1959

AMY ZAHL GOTTLIEB, A.B., 1967

JAMES LEE HARRIS, B.A., University of California (Los Angeles), 1967

EDWARD CARL HOPKINS, B.A., Miami University, 1967

KERRY MARK JOËLS, B.S., Principia College, 1967

MARIANNA JOHNSON, B.A., Northwestern University, 1967

MARY JEANNE KOWALSKI, B.A., Loyola University (Illinois), 1966

MAUREEN MACLEAN MCCORD, B.A., Chestnut Hill College, 1958; LL.B., St. John's University School of Law, 1961

HOWARD SHELDON NOCHUMSON, A.B., 1967

CAROLYN FAYE STILTS, B.A., Kentucky Southern College, 1967

IAN BRUCE TURNER, B.A., Otterbein College, 1967

ALBERT JACOB ZVIRBULIS, A.B., 1967

In Labor and Industrial Relations

FREDERICK CHUNG-HSI CHOW, B.A., National Taiwan University, 1964

RANDY LYNN FEDER, B.A., Knox College, 1967

STUART JULES GOLDSTEIN, B.A., City College of New York, 1967

JERRY ALLEN MEADOWS, B.S., 1966

DAVID EDWIN SHULENBURGER, A.B., Lenoir Rhyne College, 1967

STEVEN IRA WEINSTEIN, B.A., Jersey City State College, 1967

In Linguistics

CHARLES OLBURNE HAM, JR., B.A., Queens College, 1956; B.A., University of Maryland, 1963

KATSUTOSHI ITO, B.A., Aoyama Gakuin University, 1957

In Mathematics

JURATE BIGELIS, B.A., Northwestern University, 1967
FRED EDWARD CASEY, A.B., Earlham College, 1967
CHARLES ROBERT HADLOCK, B.S., Providence College, 1967
SHERYL LEE MEADER, B.A., Northwestern University, 1967
MARY BETH PAYNE, B.S., 1967
WILLIAM LEON PERRY, B.A., Park College, 1967
VICTOR CHARLES PESTIEN, JR., B.S., 1967
ROXANE MURIEL SIMMONS, B.A., Fisk University, 1967
JANET HURST SPOONAMORE, B.S., 1967
DANIEL JOSEPH STYNES, B.A., State University of New York (Buffalo), 1967
REINO VICTOR WARREN, B.S., 1966
SERENA SAVAGE YARDLEY, A.B., University of California, 1967

In Political Science

JERRY LEE BONHAM, B.A., Southwest Missouri State College, 1962
ELLEN PATRICIA FLERLAGE, A.B., 1967
DANIEL BRUCE ITKIN, A.B., Ohio University, 1967
RONALD CHARLES LADA, A.B., Central Michigan University, 1964
THOMAS JAMES PAVLAK, A.B., 1965
ALAN HARVEY PEARSON, A.B., Knox College, 1965
KATHLEEN MCGUIRE PROPP, B.A., University of Colorado, 1964
HALYNA MARIA SYNENKYJ, B.S., Loyola University (Illinois), 1966
HERBERT WOHLFAHRT, B.A., University of North Carolina, 1967

In Psychology

HAROLD WILLIAM BARTLETT, B.S., 1966
HALLECK BUIND BRENDEN, B.S., Montana State University, 1963
JAMES FRANK CALHOUN, A.B., University of Florida, 1963; B.D., Southern Methodist University, 1966
JAMES PATRICK CURRAN, JR., B.S., College of the Holy Cross, 1966
HANS PETER DACHLER, B.S., Richmond Professional Institute, 1963
DANIEL RICHARD ILGEN, B.S., Iowa State University of Science and Technology, 1965
JOAN SERBER MAY, B.S., Cornell University, 1964
DALE SODERMAN MONTANELLI, B.A., Michigan State University, 1965
BERTRAND STUART MOORE, B.A., Southern Methodist University, 1966
PAUL DAVID OLBERZ, B.A., Bellarmine College, 1967
RICHARD DAVID WILLIS, A.B., Hamilton College, 1964
ANDREW SPENCER WINSTON, B.A., Northwestern University, 1967

In Social Sciences

MARJORIE IRENE DIXON, A.B., Earlham College, 1956
KAREN ANN HICKMAN, B.A., Northwestern University, 1966
JEROME ANTHONY MCCALL, A.B., 1966
LINDA SUE KATZ SMITH, A.B., 1967

In Sociology

CLIFFORD VICTOR COLMAN, B.A., Goddard College, 1965
RICHARD JACK LUNDMAN, B.A., Beloit College, 1966
EDWIN GEORGE MACHARIA, B.A., Roosevelt University, 1965
RUTH STEVENSON VOORHEES, B.A., University of Florida, 1959

In Spanish

ENOCH MELVIN ANDERSON, B.S., Illinois State University, 1957
JARI TAYLOR ENGELMANN, A.B., 1967
ALAN DALE GRAYSON, A.B., 1967
MARY LOUISE CHAMBERLAIN HEALD, B.A., Denison University, 1965
WARD HAMILTON HURST, JR., B.A., Florida State University, 1966
JOYCE ANN GAINES LAWSON, B.S., Eastern Illinois University, 1964
KATHRYN JANE LEWIS, A.B., Indiana University, 1967
STANLEY EDWARD PEROMSIK, B.A., University of Missouri, 1967
JOANNE RAY RAMSTAD, B.A., Colorado College, 1967

SISTER MARY RACHEL BETKIS, A.B., Xavier College, 1961
 FELICIA GAIL SWORSKY, B.A., Rosary College, 1967
 SALLY ANNE TUCKER, B.A., Elmhurst College, 1967
 JOHN WILLIAM VAN KERK, A.B., Illinois College, 1965

In Speech

THOMAS ERNEST BORTON III, A.B., 1966
 EFTHIMIA THEODORE BOZINOU, B.S., Illinois State University, 1967
 TONI ANN BUNKER, B.A., Macalester College, 1967
 JAMES REINHART CLARK, B.A., DePaul University, 1966
 MYRNA PADAWER CRONEN, B.A., Tulane University, 1966
 LESLIE KAREN DARNER, B.S., 1967
 EMILY HUXSOLL DIXON, B.S., Purdue University, 1962
 RICHARD LESLIE FLEISHER, B.A., State University of New York (Buffalo), 1965
 LOREEN RUBEY GERK, B.A., University of Washington, 1966
 MARSHA ESTHER GERSON, B.S., 1965
 J. RAMSEY GIBSON, B.A., Wisconsin State University (Eau Claire), 1965
 REBECCA SUE GILLARD, B.S., 1968
 BARBARA WALTERS KASTNING, B.S., 1966
 JAMES DAVID LAATCH, B.S., Wisconsin State University (River Falls), 1967
 JUDITH NEDA LANDFIELD, B.S., 1967
 JULIEN LEE LIND, B.A., University of Minnesota, 1967
 VALERIE MAMCHES, A.B., University of Miami, 1965
 RICHARD MICHAEL MCKINZIE, A.B., 1967
 JAMES SCOTT MEASELL, B.A., Muskingum College, 1964
 JANE MARIE NEMEC, B.S., Marquette University, 1966
 JEFFREY HILL PHILLIPS, B.A., State University of New York (Cortland), 1967
 MIRIAM FERN ROTHSCHILD, A.B., Indiana University, 1967
 HALFORD ROSS RYAN, B.A., Wabash College, 1966
 WILLIAM GEORGE SCHICKERT, B.A., University of Wisconsin, 1967
 ARNOLD LADD SMITH, A.B., Hunter College, 1967
 TERRENCE RAYE SMITH, B.S., Mankato State College, 1967
 CHARLES SAMUEL SYERS, D.D.S., University of Michigan, 1965
 KAREN SUE TOTTY, B.S., Southeast Missouri State College, 1967
 MARGARET ANN WIESE, B.A., University of Arkansas, 1967
 CHARLES ARTHUR WILLARD, B.A., Kansas State Teachers College, 1967
 MARIANNE RUTH ZERN, B.A., College of St. Francis, 1966

In the Teaching of English

GLORIA JEAN BAUMANN, B.A., Aurora College, 1967
 JUDITH KENNEDY BENNETT, A.B., University of Arizona, 1961
 WILLIAM GEORGE FOOTE, A.B., Olivet Nazarene College, 1949
 ROSE ANN KLEIDON, B.A., Illinois Wesleyan University, 1967
 JUDY GAIL LAUGHLIN, B.A., Baylor University, 1964
 FERN AMBROSE MACK, A.B., Greenville College, 1932
 THOMAS ANDREW MATTHES, A.B., St. Edward's University, 1962
 DONNA CORDES RUSSELL, A.B., 1967
 JAMES ROGER TREAT, A.B., 1964

In the Teaching of English as a Second Language

ROSALINE ADAIHUOMA IKE, B.A., Haile Selassie I University, 1967
 AUREA ISABEL FILOMENA PEREIRA, B.A., Saint Mary's College, 1967
 MYUNG-HO SYM, B.A., Seoul National University, 1958; Dipl., Reading University, 1964; M.A., Seoul National University, 1965

In the Teaching of French

CANDACE JEAN ARTHUR, B.S.Ed., Western Illinois University, 1967
 CELIA ROGERS DAVIS, B.S., 1966
 EMILY KAREN GOODRICH, B.A., North Central College, 1967
 YVONNE BELMANS KOSTER, A.B., 1963
 WENDY COOK POSAVAC, B.A., Muskingum College, 1961
 CHARLES WALTER RUPERT, A.B., Millikin University, 1957

In the Teaching of Social Studies

JOYCE ANN BIRON, A.B., 1967

MYRNA SUE LANE BOSSLER, B.S., Illinois State University, 1963

KAREN DIANNE BOYER, B.S., Murray State College, 1966

DANIEL LEON FURRH, A.B., 1967

CLARE SHAPLAND HAUSSELMANN, A.B., Manhattanville College of the Sacred Heart, 1967

LA VINIA CAWLEY KENDLE, B.S., Eastern Illinois University, 1963

THOMAS ANDREW KIEPURA, A.B., 1967

KAREN LEE KRAUS, B.A., Northwestern University, 1967

RANDALL BLAINE LINDSEY, B.S., Western Illinois University, 1965

MARCIA WILSON RUMBAUGH, A.B., Wheaton College, 1965

MARY CHARLA YEDINAK, A.B., 1967

In the Teaching of Speech

BUNNEY JO AMDOR, B.S., Illinois State University, 1967

CARMEL JOSEPHINE NILAND, B.A., University of New South Wales, 1965

Degree of Master of Science*In Advertising*

CHARLES SHELDON GREENE, JR., A.B., Illinois College, 1962

IAIN LATTI McLELLAN, B.Sc., University of Edinburgh, 1966

In Aeronautical and Astronautical Engineering

RICHARD IRWIN KROLL, B.S., 1967

DWIGHT NELSON WICKERSHEIM, B.S., 1965

RUDOLPH NICHOLAS YURKOVICH, B.S., 1967

In Agricultural Economics

MARK STUART KERN, B.S., Southern Illinois University, 1966

MICHAEL CHETWYND THOMPSON, B.A., M.A., University of Cambridge, 1956, 1960

JOHN HOUNSLEY TOCKS, B.S., 1966

In Agricultural Education

CARL FREDERICK AWE, B.S., 1967

MELVIN KEITH BELL, B.S., Illinois State University, 1967

DAVID LAWRENCE MANNING, B.S., Illinois State University, 1966

In Agronomy

ANDREW NII ARYEETEEY, B.S., University of London, 1959

DAVID SMITH BROWN, B.S.A., Purdue University, 1966

SUSAN HU, B.S., National Taiwan University, 1965

In Animal Science

NEIL KEITH ALLEN, B.S., 1967

BRIAN EDWARD BREMER, B.S., Southern Illinois University, 1966

In Biology

ANNE LOUISE KLEIN, B.A., St. Mary-of-the-Woods College, 1966

In Biophysics

CLAIRE BALDWIN, A.B., Northeastern University, 1966

In Botany

SARA HELEN KALTENBORN, B.A., University of Tennessee, 1966

PRASANNA KUMAR MOHANTY, M.Sc., Utkal University, 1958

KATHERINE BROWN SEAGO, B.A., Miami University, 1966

In Ceramic Engineering

PETER CHARLES BALSON, Dipl.-Tech., North Staffordshire College of Technology, 1960

BRUCE EDWARD DUNWORTH, B.S., 1964

In Chemical Engineering

STEVEN HOWARD BERNHARDT, B.Eng., Cooper Union, 1966
DAVID LARUE BONDURANT, B.S., University of Oklahoma, 1966
EDWARD DANIEL BURGER, B.S., Clarkson College of Technology, 1966

In Chemistry

STAVROS HADJISTAVROS, Dipl., Aristotelion University of Thessaloniki, 1953
KEITH RONALD KIMBALL, B.A., Carleton College, 1966
ELVIN RUSSELL LUKENBACH, B.S., University of Nebraska, 1963

In Civil Engineering

PATRICIO ARELLANO-ABARCA, Ing.Civ., Universidad Nacional de Colombia, 1967
LARRY GLEN BAIRD, B.S., Panhandle Agricultural and Mechanical College, 1964
EUGENE SAMUEL CETWINSKI, B.S., 1967
SAMUEL ISAAC DIAZ, B.S.M.E., B.S.C.E., University of Puerto Rico, 1965, 1966
JOHN PAUL ELBERTI, A.B., Lafayette College, 1955
ALVA AARON HALL, B.S., 1968
ROBERT TAYLOR HARPER, JR., B.S., Mississippi State University, 1963
JOSEPH THOMAS HOEPP, B.S., Drexel Institute of Technology, 1967
RICHARD YOSHIO IHA, JR., B.S.C.E., University of Hawaii, 1967
SEIICHI INABA, B.Eng., University of Tokyo, 1960
ROBERT GEORGE JOHNSTON, B.E., University of Saskatchewan, 1964
WILLIAM NICOL LANE, B.S., 1965
MICHAEL KERWIN LINCK, JR., B.S., George Washington University, 1963
CARLOS GARCIA LOPEZ, Ing.Civil, La Universidad Nacional Autonoma de Mexico, 1965
JEFFREY HOWARD MARKEY, B.S., United States Air Force Academy, 1967
JERRY ALLEN MAUPIN, B.A., Oklahoma City University, 1962
ANDREW MERA, S.B., Massachusetts Institute of Technology, 1967
YEDAVALLI VENKATA RAMANA MURTY, B.E., Andhra University, 1962
GIORGIO SORANI, Laurea, University of Rome, 1964; A.M., 1967
WILLIAM JOSEPH STILES, B.S.Ed., Northeast Missouri State Teachers College, 1963
THOMAS HENRY STREMLAU, B.S., 1967
LOVICK PIERCE SUDDATH III, B.S., The Citadel, 1957
JAMES HIRAM TUCKER, JR., B.S., Mississippi State University, 1962
K. GEORGE VARGHESE, B.S., University of Kerala, 1961
THAMBALLAPALLE NALLAPAREDDY VASANTHAKUMAR, B.E., Sri Venkateswara University, 1958; M.E., University of Roorkee, 1962
EUGENE IRVIN VOGT, B.A., Southern Illinois University, 1966

In Commercial Teaching

JOHN ROBERT GRIFFIN, B.S., Eastern Illinois University, 1964

In Computer Science

GLENN WILLARD FAGERLIN, JR., B.S., 1966
MICHAEL NOEL PAYNE, B.S., M.S., 1964, 1965
JOHN RYE SIDLO, B.S., Ohio State University, 1967

In Dairy Science

LINDA SHUN-WAN CHANG, B.S., Taiwan Normal University, 1966
EMMERT CORBIN CLEVENSTINE, A.B., 1967
GEORGE NORMAN JORGENSEN, B.Sc., University of Nebraska, 1957

In Economics

JACKIE LEE ARBUCKLE, B.A., University of Washington, 1962
VERNON LEE COOPER, B.S., Northeast Missouri State Teachers College, 1961
JOHN BROOKS DORSEY, B.S., 1958
CHARLES LOWELL HARNER, B.S., Southern University, 1960; M.A., Murray State College, 1964
WILLIAM HERMAN HOBSON, B.S., University of Minnesota, 1959
RICHARD JACK INCH, A.B., M.Ed., Wayne University, 1953, 1958
JERRY JOE KNARR, B.A., La Verne College, 1957
MILO FRANCIS MCCABE, B.S., Marquette University, 1956

JOHN PATTERSON MYERS, B.S., 1964

GEORGE HENRY STAPLES, B.A., Catholic University, 1961

ANTHONY F. SUGLIA, B.S.Ed., Kutztown State Teachers College, 1949; M.A., New Jersey State Teachers College (Montclair), 1963

In Education

MICHAEL ANDREW FRONTIER, B.S., Loyola University (Illinois), 1966

In Electrical Engineering

THOMAS JOSEPH APRILLE, JR., B.S., Northeastern University, 1967

RICHARD THOMPSON BOROVEC, B.S., 1967

CARLOS ERMOLI VIALE, B.S., 1966

JAMES HAROLD FRITZ, B.S., 1967

PAUL ROBERT GULBIS, B.S., 1966

ROBERT JAMES IVERSEN, B.S., 1967

JAMES ELVIN KEIM, B.S., Iowa State University, 1967

DONALD JOHN LENKSZUS, B.S., 1967

JAMES LEE LONG, B.S.E.E., Kansas State University, 1967

STEVEN JOSEPH MARTINICH, B.S., 1967

MICHAEL ALLEN PHILLIPS, B.S.E.E., University of Maryland, 1967

DONALD JOHN PINKOS, B.S., Clarkson College of Technology, 1966

GEORGE CHARLES SCHUMACHER, B.S., 1967

RALPH WILLIAM SHRADER, B.S., University of Pennsylvania, 1966

CHARLES ROGERS WELLS III, B.S., United States Air Force Academy, 1967

FELIX HARVEY WHEELER, B.S., United States Naval Academy, 1944

MAURICE YACOB YOUNAKIM, B.S., 1967

CHARLES JAMES YOUNG, B.S., 1967

In Finance

PATRICK RAYMOND DEVINE, B.S., 1965

STUART ALLAN GALLAHER, B.B.A., Ohio University, 1966

CONCEPCION MARIA SALAS, B.S., 1967

JAMES PAUL STAES, B.S., 1960

In Food Science

WALTER CARL YACKEL, JR., B.S., 1965

In Forestry

GEORGE NELSON BROOKS, B.S., 1964

GEORGE ERNEST RALPH, B.S., 1967

In Geology

PATRICK TERRENCE PETER McCULLOUGH, B.Sc., University of British Columbia, 1964

RUTH STARON VAIL, B.S., 1965

In Health Education

WESLEY F. ALLES, B.S., Westchester State College, 1967

ORAL BEHUNIN, B.S., Brigham Young University, 1967

PATRICIA ANNE TYMCHYSHYN, B.S., Hamline University, 1957

In Home Economics

JUANITA ELAM BRIGGS, B.S.Ed., Southeast Missouri State College, 1958

GEORGE GIACOMO CARLISTO, B.S.Ed., State University of New York (Oneonta), 1963

JERYL KEITH GODSHALL, B.A., University of Denver, 1962

RITA MEYER, B.S., Indiana University, 1967

ARDIS MAUREEN REWERTS, B.S., 1963

JACQUELINE KAY VAN RIPER, A.B., Kansas Wesleyan University, 1966

PAMELA FOSTER WESTBROCK, B.S., South Dakota State University, 1966

In Horticulture

TERRENCE EVAM POCKLINGTON, B.S., 1967

In Industrial Engineering

KENNETH LEONARD DUDZIK, B.S., 1966

In Journalism

JEAN DUNLAP AYLSWORTH, B.A., Ohio State University, 1965
 KYRAN PATRICIA CAREY, A.B., Dumbarton College of Holy Cross, 1965
 RUTH DANN FULLER, B.S., B.S., 1944, 1959
 WILLIAM JOSEPH GARNER, B.A., Stetson University, 1966
 MAHMOOD JAFROODI, Lic., National University of Iran, 1966

In Library Science

LUCILLE HOLMES BECKWITH, B.A., Illinois Wesleyan University, 1962
 BRENDA CARLOTTA BOOKER, B.S., Knoxville College, 1964
 DOCK ALEXANDER BOYD, JR., A.B., 1967
 JUDITH DU-YI CHIEN, B.A., Texas Women's University, 1966
 CATHERINE ANN CONDER, B.S., Eastern Illinois University, 1962
 LUCY BECKER CONROY, A.B., 1965
 MARY COON COPAS, B.S., Montana State College, 1964
 MARY FRANCES CURVEY, B.S.Ed., Central Missouri State College, 1966
 ANN KEMPF DAHM, B.S., 1964
 LULU LOUISE FORT DICKEY, B.Ed., Illinois State University, 1941; A.M., 1946
 CLARENCE JUNIOR FRAMSTAD, B.A., Augsburg College, 1951
 MIRIAM MORRIS FULLER, B.S., Virginia State College, 1954
 PAULA GERTRUDE GENSLE, B.A., Michigan State University, 1967
 MARGARET LABARRE GRONINGER, B.F.A., 1961
 MARY COOK GUY, B.A., Chatham College, 1963
 SUZANNE MARIE HARTFORD, B.S., Southern Illinois University, 1963
 NANCY ELAINE HARVEY, B.A., Rockford College, 1960
 GAYLE ANDERSON HELGOE, B.A., Western Washington State College, 1965
 CHRISTINE M. HENDERSON, B.A., Southern Illinois University, 1963
 MORELLE HERMAN HERZINGER, A.B., Nebraska Wesleyan University, 1959; A.M.,
 University of Nebraska, 1962
 EUGENIA WELLES HUGILL, B.S., Murray State College, 1964
 JANICE LOUISE JOHNSON, B.A., William Marsh Rice University, 1963
 GRACE LOUISE KARL, B.Ed., Illinois State University, 1938; A.M., State University
 of Iowa, 1948
 NANCY LEA KINTON, B.A., Northern Illinois University, 1967
 JULIE ANN KUENZEL, B.S., Michigan State University, 1967
 SEONAI WALTERS LAMB, B.A., University of Bristol, 1962; Dipl., University of
 Oxford, 1964; M.S., 1966
 ELEANOR KAY LINDGREN, A.B., Bradley University, 1963
 LINDA LEE LORENZ, A.B., 1965
 RUTH STROUD MACHULA, A.B., 1967
 DANA FRANK MADISON, A.B., 1967
 EVELYN MARIE MANIOTIS, A.B., 1939
 JOAN MILDRED MICHALCIK, A.B., 1967
 BARBARA MARIE MOLITORIS, B.S., Illinois State University, 1954
 ALAYNE JOAN MOORE, B.S., Eastern Illinois University, 1965
 ROBERT LONG MOWERY, B.S.M.E., Purdue University, 1956; B.D., Garrett Theolog-
 ical Seminary, 1960; M.A., Northwestern University, 1961
 ALLEN WALTER MUELLER, B.A., Valparaiso University, 1967
 LESLIE ANN NEILL, B.A., College of Saint Teresa, 1967
 AYSE OLGUN, B.A., Ankara University, 1966
 MARGARET ANN PUTNAM, B.A., North Texas State University, 1964
 PALADUGU VENKATESWARA RAO, B.A., Andhra University, 1962; Dipl., Osmania
 University, 1964; M.S., Southern Illinois University, 1968
 JANET HENRIETTA RICHARDS, A.B., Youngstown University, 1967
 TEDINE LAMBERSON ROOS, A.B., University of Nebraska, 1956
 MARILYN MAYER SERAGE, A.B., 1964
 MARY MARGARET SHERWIN, B.F.A., 1960
 SUSAN ANNE STROW, A.B., Wheaton College, 1967
 GWEN OLSEN SZILAGYI, B.S., Illinois State University, 1964
 LINDA BLYTHE VANCE, B.A., University of Michigan, 1967
 CAROLYN RUTH WAITE, B.A., Oregon State University, 1967
 VALERIE JANE WILFORD, B.S., Illinois State University, 1961
 SUZANNE ELLEN ZINGRAF, B.S., Wisconsin State College and Institute of Technol-
 ogy (Platteville), 1967

In Management

DANIEL LEE REYNOLDS, B.S., Millikin University, 1967
CHARLES RUSSELL STICKELS, B.S., 1967
JOHN YOUNG WAGNER, B.S., Ohio State University, 1962

In Marketing

PETER ALAN WARD, B.A., Principia College, 1966

In Mathematics

DAVID ALAN BIRNBAUM, A.B., University of Rochester, 1967
MARY ELLEN BOCK, A.B., B.S., 1967, 1967
ROBERT PAUL CARLSON, B.S., 1967
HERMAN LOUIS DEL DOTTO, B.S., 1967
JANICE HUNTER EISEMAN, B.S., 1967
JOHN ROBERT HUNT, B.S., 1967
RADEN BANA GOERBANA KARTASASMITA, B.S., University of Wichita, 1962
JEFFREY PHILIP KING, B.A., Brown University, 1963
LEONARD ANDREW LARSEN, B.S., University of Wisconsin, 1962
ROBERT WILLSON LAVELLE, B.S., Iona College, 1967
GEORGE DAVID LEADABRAND, B.S., Wheaton College, 1964
KIN MAN LI, B.S., 1967
WALLACE JOHN MACK, B.S., Purdue University, 1967
ARTHUR LEE PEARSON, B.S., University of Washington, 1967
STEPHEN ROGER REDFIELD, B.S., Washington State University, 1964
CHARLES ALBERT CHRISTOPHER RUMORE, B.S., 1966
MARGARET EYA SCHMID, B.S., Wisconsin State University (Oshkosh), 1965
PETER ALBERT SHELUS, B.S., Illinois Institute of Technology, 1967
DAVID STANLEY TURKOWSKI, B.S., 1967
VICTOR LEON VOYDOCK, S.B., Massachusetts Institute of Technology, 1967
ANTHONY STEPHEN WOJCIK, A.B., 1967
KAI-TAK WONG, B.S., Utah State University, 1968

In Mechanical Engineering

JOHN CHARLES HAAS, B.S., A.B., 1967, 1967
NELSON HARVEY NOELI, B.S.M.E., University of Missouri (Rolla), 1961
RAYMOND GEORGE PREVOST, B.S., University of Washington, 1955; B.A., Central Washington State College, 1956
GEORGE WILLIAM SCHWARZ, JR., B.S., 1967

In Metallurgical Engineering

BIDYUT KUMAR GANGULY, B.E., University of Calcutta, 1966
AMIT KUMAR GHOSH, B.S., University of Calcutta, 1966
RAYMOND GRANT ROWE, B.S., Washington State University, 1965

In Microbiology

DONA MEI CHIKARAISHI, B.S., 1967
RAYMOND SEK-YAN POON, B.S., 1966

In Mining Engineering

RANDALL EUGENE RANKEN, B.S., 1967

In Music Education

LYNNE ELIZABETH ALLEN, B.Mus.Ed., University of Colorado, 1967
LEONARD ARTHUR ALTIERI, B.Mus.Ed., Illinois Wesleyan University, 1964
PATRICIA FAYE ALWARD, B.S.Ed., Illinois State University, 1964
GARY LEE ANDERSON, B.Mus.Ed., Millikin University, 1965
ROBERT OGLE BELISLE, B.M., MacMurray College, 1965
CHARLENE MARIE BERCHE, B.S., Eastern Illinois University, 1964
CAROLYN CHAPMAN CECI, B.S., 1964
MARCIA LAI SHEONG CHANG, Ed.B., University of Hawaii, 1967
NATALIE JOSEPHINE CIGNETTI, B.S., Illinois State University, 1958
CAROL CASSELMAN DAHLSTROM, B.Mus.Ed., Wheaton College, 1960
JACQUELINE APRIL ENGEL, B.S., 1967

MICHAEL FLAGG FARRELL, B.M.Ed., University of Southern Mississippi, 1964
JAMES HARVEY FELTS, B.S., 1963
NANCY FISCHER GRAY, B.Mus.Ed., Murray State College, 1963
FRANCES MELANIE HENDERSON, B.Mus.Ed., Murray State College, 1963
HARVEY ALBERT HERMANN, Jr., B.S., 1963
DANIEL GARY HOOKE, B.Mus.Ed., Madison College, 1963
SARAH FITZWATER HOOKE, B.M.E., Madison College, 1964
DALE FRANCIS HOPPER, B.S., 1964
NANCY JOYCE KEECH, B.A., Kalamazoo College, 1967
JEREMY NILES KEMPTON, B.M., University of Rochester, 1966
JOEL PAUL KLEIN, B.S., 1963
SUSAN TRAVIS KUEHN, B.M., North Texas State University, 1964
JERRY LEE LOYET, B.S., 1965
ELLEN MARIE MARTIN, B.S., 1964
JAMES RUSSELL MILLER, B.S., 1967
PATRICIA SMITH NEWMAN, B.S., Winthrop College, 1965
JOHN WESLEY NORTON, Mus.B., Oberlin College, 1966
LORETTA JANE PAANANEN, B.Sc.Ed., Ohio State University, 1965
ARNOLD RAY REBUCK, B.S., Illinois State University, 1958
PAUL ALLEN ROWLAND, B.S., Northeast Missouri State Teachers College, 1963
THOMAS DEWITT RYAN, B.M.E., Cornell College, 1964
JOSIAH JOSEPH SAMPSON, Jr., B.M.E., Jackson State College, 1960
MAUREEN L. SHERIDAN, B.M., Ithaca College, 1967
MARY ELLEN SIMMONS, B.S., 1968
CHARMIAN LYNN SIMONS, B.A., Marshall University, 1967
SISTER EVELYN THERESE HICKEY, B.S., St. Mary-of-the-Woods College, 1962
SISTER ROSARIA SALERNO, A.B., Marycrest College, 1962
MARCIA ELIZABETH SWENGEL, B.S., 1966
ROBERT STANLEY THOMMES, B.S., Northern Illinois University, 1965
CHARLOTTE MILLBROOK TRAUTWEIN, B.S., 1954
JIMMY SUE CANTRELL TROMBLEE, B.S., 1967
JOYCE PRINTZ WEAVER, B.S., 1966
JULIAN EARL WHITE, B.S., Florida Agricultural and Mechanical University, 1962
ROBERT DAVID WILLIAMS, B.M.Ed., Millikin University, 1964
JAMES DAVIS WINTERS, Jr., B.M.E., Jackson State College, 1964
CHRIS YODER, B.A., Goshen College, 1963

In Nuclear Engineering

LLOYD LOUIS BONZON, B.S., 1967
JAMES TERRENCE GANLEY, B.S., 1967
GLENN CARL JOHNSON, B.S., 1967
RICHARD JOHN MEISINGER, Jr., B.S., Cornell University, 1967
WILLIAM LELAND NORRIS, B.S., United States Naval Academy, 1967
FRANK XAVIER RELLER III, B.S., United States Military Academy, 1965
MAHMOOD AHMAD SHAD, B.Eng., Panjab University, 1963
RICHARD BOYNTON WHITNEY, B.A., Kent State University, 1967

In Physical Education

KAREN LOUISE FRY, B.S., 1965
RONALD EDWARD GUENTHER, B.S., 1967
WILBUR ALAN GWIASDA, B.S., 1967
JAMES CHARLES JERKATIS, B.S., 1961
RAYMOND TERRANCE KASPER, B.S., 1967
JAMES WILSON MACINTYRE, B.S., 1967
KAYE LADD PASH, B.S., Northeast Missouri State Teachers College, 1958

In Physics

CECIL BRENT BARGERON, B.S., Brigham Young University, 1967
SWEE PING CHIA, B.Sc., University of Malaya, 1967
WILLIAM ALBERT ENICHEN, B.S., 1967
RICHARD SPENCER HOCKETT, B.S., Ohio State University, 1967
ALBERT WILLIAM HORST, B.S., Michigan State University, 1967
JARED LOGAN JOHNSON, B.S., 1967
WILLIAM WRAY MACY, Jr., B.A., Pomona College, 1967

TAK HUNG NING, B.A., Reed College, 1967

GEORGE MARTIN PETTY, B.S., 1967

STEPHEN FULLERTON POND, A.B., Dartmouth College, 1967

JAMES OLE SEVERSON, B.S., Stanford University, 1967

PETER GORDON SUTHERLAND, B.Sc., McGill University, 1967

RONALD LEE YERKE, B.S., Youngstown University, 1961; M.S., University of Arizona, 1963

In Physiology

RONALD EUGENE JACKSON, B.S., Arkansas State College, 1966

MALIHA AL-ATRAQCHTY RAMADAN, Lic., University of Baghdad, 1954; M.S., George Washington University, 1966

In Radio and Television

STUART PHILIP JOHNSON, A.B., Wheaton College, 1967

BENNETT LLOYD RUDOLPH, B.S.B.A., Roosevelt University, 1967

In Recreation

CAROL MARIE ARSLANER, B.S., Northern Illinois University, 1965

JOHN LESLIE CROMPTON, Dipl., Loughborough College of Education, 1966

JAMES ROBERT GILLESPIE, B.S., 1967

MICHEL POULIN, B.Ed., M.Ed., Ottawa University, 1965, 1966

JOAN KAY RASMUSSEN, B.S., Butler University, 1965

ELIZABETH BELL STRADLEY, B.S.Ed., State University of New York (Geneseo), 1965

In Sanitary Engineering

ALEXANDER DAVIDSON BEATTIE, B.S., University of California, 1965

SAJAL KUMAR CHAKRABARTI, B.E., University of Calcutta, 1962

PAUL DOUGLAS KOCH, B.S., 1966

ROBERT JOACHIM WERNECKE, B.S., University of Vermont, 1965

In Speech Correction

MARILYN ROSE COYNER, A.B., Augustana College (Illinois), 1956

In the Teaching of Biological Sciences and General Science

BRUCE MASLAND BELL, A.B., Grinnell College, 1963

ELDON LEROY HAAB, B.S., 1967

WILLIAM WARREN JOHNSON, B.S., 1966

DAVID WARY SCHRODER, B.A., Northwestern University, 1964

SISTER MARY FRANCOIS DeFRAIN, B.S., Nazareth College, 1965

In the Teaching of Geography

ROSALYN LEVIN CHASIN, A.B., 1963

In the Teaching of Mathematics

ELIZABETH WANER BUFFA, B.A., State University of New York (Albany), 1966

RONALD ERWIN MICKELSON, B.S., Eastern Illinois University, 1964

BUKUNOLA OLASIMBO OSIBODU, B.S., District of Columbia Teachers College, 1967

SISTER SALLY MARIE O'NIELL, A.B., St. Mary's Dominican College, 1961

PAULA JEAN VALAITIS, B.S., Loyola University (Illinois), 1967

BARBARA COX VANDERKLOOT, B.S., 1966

NELVIN KENT WILSON, B.S., Eastern Illinois University, 1964

In the Teaching of Physical Education

THOMAS RICHARD WATKISS, B.S., 1965

In Theoretical and Applied Mechanics

NORMAN EDWIN DOWLING, B.S., Clemson University, 1967

TIMOTHY GEORGE GUTOWSKI, B.S., Wisconsin State University (Platteville), 1967

RAY NORMAN NITZSCHE, B.S., 1967

JOHN MARTIN POTTER, B.S., 1967

PAUL CHARLES ROSENBERGER, B.S., Iowa State University of Science and Technology, 1952

In Zoology

JAMES WILLIAM AMBROSIUS, B.A., Millikin University, 1964
EVELYN MAY BOWEN DORSEY, A.B., Olivet Nazarene College, 1962
THOMAS HAROLD FRITTS, A.B., 1967
FRANK STEPHEN GRASS, B.A., Butler University, 1966
LINDA LOUISE HELGERSON, B.S., Tufts University, 1966
ROBERT EDWARD LEWKE, B.S., 1966
ALDONA MAZAC, B.S., 1966
ALAN WILLIAM MCINTOSH, B.S., 1966
LOUIS JOHN MORETTI, B.A., State University of New York (Oswego), 1966
LARRY MERLE PAGE, B.S., Illinois State University, 1966
RAYMOND THEODORE SCHAAF, JR., B.S., Eastern Kentucky University, 1966
SISTER M. JANICE BAHR, B.A., Viterbo College, 1964

Degree of Master of Music

ROBERT CLARK ASHBY, B.Mus.Ed., Texas Technological College, 1966
SUSANNE LEE AULTZ, B.M., Muskingum College, 1966
SUSAN GAIL BENNION, Mus.B., Oberlin College, 1967
JAMES ORVILLE FULKERSON, B.Mus., Illinois Wesleyan, 1967
KATHI STOLL KURTZMAN, B.Mus., University of Colorado, 1963
JANET WHITCOMB PUMMILL, B.M., North Texas State University, 1964
NORMA ELAINE WEIGLE, B.M.E., Wichita State University, 1967
SAMMIE GAYLE WHITTEN, B.Mus., North Texas State University, 1966

Degree of Master of Education

ANNA MARIE ADAMS, B.S.Ed., Northern Illinois University, 1967
DORA LENCE ALLEN, B.S., Southern Illinois University, 1944
ROBERT ANDERSON ALLEN, B.S., Eastern Illinois University, 1956
WILMA ARMSTRONG ALLEN, B.S., Indiana State University, 1947
DONALD JARL ANDERSEN, B.S., Wheaton College, 1959
LANNY EARL ANDERSON, B.S., 1963
RONALD CLYDE ANGERER, B.S., 1966
DIANE HARRIET ARMGARD, B.S.Ed., Illinois State University, 1957
WILLIAM STANLEY BARANYK, B.Sc.Agr., B.Ed., University of Alberta, 1953, 1961
GRACE SCHMIDT BARTISON, B.S., 1959
EILEEN JOYCE BATEMAN, B.S., Olivet Nazarene College, 1962
LENORE HANSON BEAN, B.S., Olivet Nazarene College, 1962
MARJORIE SEARLES BECKHART, B.S., Illinois State University, 1965
CHARLES JAMES BEETZ, B.S., Blackburn College, 1962
SHIRLEY ANN BELL, B.S., Illinois State University, 1963
RHEA FROM BERGER, Ed.B., State University of New York (Buffalo), 1967
WILLIAM BYRON BLACK, A.B., William Jewell College, 1963
DANIEL WILLIAM BOCK, B.S., 1964
VERNON MAYER BOKEMEIER, B.S.A.H., Iowa State University of Science and Technology (Ames), 1940
GLADYS DAVIS BOOTH, B.S., 1962
KEITH ARLYN BOS, B.S., Northern Illinois University, 1963
SHARON LEE BOZARTH, B.S., Eastern Illinois University, 1961
ROGER DEANE BRADLEY, B.S., 1967
MARY LOU BRANDVIK, B.A., Concordia College, 1960
JOYCE MARIE GORE BREDTHAUER, B.S., Northern Illinois University, 1964
CAROL LYNNE BREEZE, A.B., 1963
EMILY BOSLEY BROWN, A.B., Stowe Teachers College, 1949
MARY KENNEDY BROWN, B.S., 1963
PATRICIA VIOLETT MEETER BURGESS, B.S.Ed., Illinois State University, 1962
EUNICE MEISSNER CARPENTER, B.A., Carroll College, 1961
GEORGE EDWARD CASEY, A.B., Harris Teachers College, 1965
GEORGE CHRISTIAN CASTRO, B.A., Eureka College, 1962
JANE FISHER CHAPMAN, B.A., Edgewood College, 1964
JEAN LOGAN CHAPMAN, B.S., MacMurray College, 1956
GEORGE UNDERWOOD CLOGSTON, B.A., Western Washington College, 1957
JACK NELSON COFFEY, B.S., Florida State University, 1960
LAURA HARRIET COLEMAN, B.A., Bennett College, 1964
ROBERTA DAWN COLTHURST, B.S., 1966

- JOY HANKE COVELL, B.E., Wisconsin State University (Whitewater), 1963
NICHOLAS JOSEPH COVELL, B.S., University of Minnesota, 1964
PHYLLIS ELOY CZYZEWSKI, B.S., 1967
WINTFRED MCLEOD DAVIS, B.S., Agricultural and Technical College of North Carolina, 1967
MARTHA CHRISTIAN DEVRIES, B.A., Michigan State University, 1964; M.A., Northwestern University, 1965
WILLIAM PHILIP DEWERFF, B.S., Southern Illinois University, 1963
WILLARD RAY DEWITT, B.S., Olivet Nazarene College, 1957
PAUL D. DISMUKES, B.S., Southern Illinois University, 1961
MAMIE CATHERINE DITTEMORE, A.B., McKendree College, 1965
WILLIAM PAUL DIXON, B.S., Bradley University, 1964
DENNIS GEORGE DODD, B.S., Iowa State University, 1960
VERNA LEE DONE, B.S., Southern Illinois University, 1965
JOHNNY DEAN DUNCAN, B.S., Kansas State College of Pittsburg, 1964
JOHN EDWARD DUNHAM, B.S., Western Illinois University, 1961
JAQUELINE HALL DURANT, B.S., University of Missouri, 1945
ALTA HARRISON DYAR, B.S., Southern Illinois University, 1964
CLAUDIA KATHERINE EBERLE, B.A., Illinois Wesleyan University, 1965
CHRISTY HAUSMANN ELLIOTT, B.S., Western Illinois University, 1963
MARY ANN ENLOW, B.S., 1964
BARBARA JEAN EVANS, B.A., Greenville College, 1966
MARINA CAROL FABBRI, B.S., Illinois State University, 1961
JOHN GILBERT FANTHORPE, A.B., Olivet Nazarene College, 1964
ROLEEN ANN FASSERO, B.S., Eastern Illinois University, 1959
JAMES THOMAS FINDLAY, B.A., Lake Forest College, 1965
VIRGINIA KEARLEY FINLAY, B.S., Northwestern University, 1941
REUHAMA MARKINS FOOTE, B.S.Ed., Olivet Nazarene College, 1947
RICHARD CHARLES FOSCO, A.B., Bradley University, 1959
JEANETTE LARSON FREDRICKSON, B.S., Wisconsin State University (Eau Claire), 1964
GIDEON DON FRENKEL, B.S., Milwaukee School of Engineering, 1959; B.S., University of Wisconsin, 1964
DEWAYNE LAVERNE FREY, B.A., Iowa Wesleyan College, 1963
RONALD VICTOR GALSTER, B.S., Bradley University, 1954
LYNNE MARGULIES GANG, B.S., Danbury State College, 1965
ELISE EMMA GANSKE, A.B., Rockford College, 1962
ROBERT EUGENE GARNETT, B.Ed., Northeastern Illinois State College, 1963
WELDON EARL GARRELT, B.S., 1964
VONNIE BUCKLEY GENTRY, B.S., Jackson State College, 1963
MARIAN ELEANOR SMART GETTS, B.S., Illinois State University, 1960
RICHARD FRANKLIN GIBSON, B.S., Eastern Illinois University, 1963
MONICA HYNEK GODFREAD, B.S.Ed., University of North Dakota, 1963
GERALD LEE GOODMAN, B.S., Western Illinois University, 1957
REBECCA LEE FRALIN GRASSE, A.B., Olivet Nazarene College, 1964
SUZANNA MEYER GRAY, B.A., Greenville College, 1963
FRANK AUGUST GREEN, B.S., 1967
KAY McMULLEN GREEN, B.S., Illinois State University, 1965
FRANCES PEARL GREER, B.S., Alcorn Agricultural and Mechanical College, 1965
CONSTANCE FAY GROUND, B.S., Millikin University, 1965
ROBERT ANTHONY GRYGIEL, B.S., 1965
JOHN ROBERT GUDGEL, B.S., Bradley University, 1954
THOMAS MARION GUNNING, A.B., Monmouth College, 1964
GALE FRANCIS GUYER, B.A., Olivet Nazarene College, 1962
JANET MACLACHLAN HAFFER, B.S., Pennsylvania State University, 1960
GERALD EUGENE HAHN, B.S., 1965
ROBERT HENRY HALSEY, B.S., Carthage College, 1962
WARD DOUGLAS HARGIS, B.S., 1967
ALAN JAMES HARLAND, B.S., Northern Illinois University, 1964
JAMES RONALD HARTER, B.S., Eastern Illinois University, 1963
LUCILLE SHAPIRO HARTER, A.B., 1964
BURNELL WALTER HARTMAN, B.A., Midland College, 1949; B.D., Chicago Lutheran Theological Seminary, 1952
ROSALIE BRAASCH HAYTON, B.S., Eastern Illinois University, 1953

SANDRA NANCY HECHT, B.S., State University of New York, 1966
KENNETH LLOYD HEINEMANN, B.S., 1967
BEULAH VALERIA HELFERS, B.S., 1952
MARY MITCHELL HELLER, B.S., Fairleigh Dickinson University, 1965
WILLIAM T. HENDERSON, B.S., Alcorn Agricultural and Mechanical College, 1964
LLOYD ROGER HICKS, B.S., 1965
GARY RAY HILLQUIST, B.M.Ed., Illinois Wesleyan University, 1964
LARRY LEE HINKLE, B.S., Eastern Illinois University, 1966
JOSEPH ALLEN HINTON, A.B., 1967
MYRON LEO HOFMEISTER, B.S., Culver-Stockton College, 1962
ELLEN LOUISE HOLDER, A.B., Emory University, 1967
CECIL SLOAN HOLLOWAY, B.S., Eastern Illinois University, 1959
ALAN KENT HOLVERSON, B.A.Ed., Illinois State University, 1963
WILLIAM MACKWOOD HOPPER, B.A., Saint Mary's College (Minnesota), 1964
JOHN ALVIN HORNADAY, B.S., Huntington College, 1950
CALVIN LLOYD HUBBARD, B.S., Southern Illinois University, 1965
JULIUS ALBERT HUFF, B.S., Langston University, 1962
CHARLES HENRY HULICK III, B.S., 1965
JUDITH ELLEN HULTMAN, B.S., Bob Jones University, 1963
DALE EUGENE HUMBERT, B.S., 1962
MAURICE COLBERT HURST, A.B., McKendree College, 1960
ALSANDYRA LEE JACKSON, B.S., Southern Illinois University, 1964
SANDRA LOU BARNSTABLE JANSSEN, B.S., 1965
KAREN JEAN JENKINS, B.S., Eastern Illinois University, 1962
DONALD RICHARD JENNINGS, B.S., Western Illinois University, 1958
JOHN JEROME JERZ, B.S., Northern Illinois University, 1956
WILLIAM BRUCE JOHNSON, B.S., 1967
JOAN WATTS JONES, B.A., Roosevelt University, 1965
JOHN DAVIS JONES, B.S., Western Illinois University, 1966
MICHAEL EUGENE JURGENS, B.S., Millikin University, 1966
BARBARA IRENE KEAGLE, B.Mus.Ed., Wheaton College, 1961
SHARON LAURELLE KEITH, B.S., McPherson College, 1963
EILEEN BUSH KILBRETH, B.S., Murray State College, 1965
JAMES MARTIN KILBRETH, B.S., Murray State College, 1965
RILEY JACKSON KINSER, B.S., Indiana University, 1960
EARNESTINE BUTLER KIRKLAND, B.S., Morris College, 1964
ROBERT CLAUDE KNOL, A.B., Hope College, 1967
PATRICIA HILDEGARDE KOCH, B.A., Arizona State University, 1965
THOMAS LEE KOENIG, B.S., 1964
DAVID WILLIAM KROM, B.S., 1966
DONNA JEAN KRUCK, B.S., Illinois State University, 1962
WANDA WILLIAMS LACY, B.S., Mary Hardin-Baylor College, 1958
PHILLIP LAWRENCE LAESCH, B.S., Illinois State University, 1957
ALVIN TRUSTEN LAMAR, B.S.Ed., Illinois State University, 1967
IRA WRIGHT LANGSTON IV, B.S., 1967
JEANETTE ELLEN LANIER, B.S., Southern Illinois University, 1965
BONNIE ADRIENNE LAU, B.S., 1963
THOMAS KEVIN LAUGHLIN, A.B., 1966
EVELYN WILLIS LEE, B.S., Mississippi College, 1964
ARTHUR EDWARD LEHR, B.A., Southern Illinois University (Edwardsville), 1965
DOROTHY MAE LESLIE, B.S., 1951
JEANETTE ELIZABETH LEWIS, B.S., 1964
LINDA ANN LEWIS, B.S., 1965
RUTH MARIE LINDBLOM, A.B., Hunter College, 1965
DONALD PRICE LOVEALL, B.S., Illinois State University, 1956
LARRY JAMES LOWE, B.S., 1963
MARGARET HAMILTON LOY, B.Ed., Western Illinois University, 1934
WILLARD ARTHUR LOY, B.Ed., Western Illinois University, 1934
JERRY STULTZ LUNGER, B.S., Illinois State University, 1963
LANDALL MACK, A.B., McKendree College, 1959
JOHN IVAN MADDEN, B.Ed., Illinois Teachers College, 1960
DAVID HADLEY MANCHESTER, B.S., Bradley University, 1963
DAVID EUGENE MANDRELL, B.S., Eastern Illinois University, 1961
JOANNE ROSE MARQUART, B.S., Olivet Nazarene College, 1961

JAMES ANTHONY MARRY, B.S., Western Illinois University, 1958
RICHARD STANLEY MARSH, B.S., Kansas State Teachers College, 1962
MARY BAILEY MARSHALL, B.A., Monmouth College, 1964
DAVID VICTOR MATSON, B.S., Gustavus Adolphus College, 1959
BETTE GRIFFITH MAYOR, B.S., 1962
THEODORE SHERMAN MCAVOY, B.S., Illinois State University, 1964
M. VIRGINIA HUBBART MCCORMICK, A.B., Augustana College (Illinois), 1937
SAMUEL DOUGLAS MCCREADY, B.Ed., University of Saskatchewan, 1949
RICHARD RUSSELL MCCUE, B.S., Wisconsin State University (Whitewater), 1960
BARBARA IRENE MCCUTCHEN, A.B., Olivet Nazarene College, 1964
BARBARA LINTON MCMILLEN, A.B., Lake Forest College, 1964
HENRY ONEIL MEARES, B.S., Fayetteville State College, 1963
BELLE HOOKHAM MESSLEY, B.S., Northern Illinois University, 1960
WILLIAM HARRY MILLER, B.A., Saint Mary's College (Minnesota), 1965
ARTIMESE DAVIS MILLS, B.S., Tougaloo Southern Christian College, 1961
MARY CATHERINE MOKELKE, B.S., DePaul University, 1965
JAMES EUGENE MONROE, B.S., Western Illinois University, 1957
ROBERT MEYER MONTGOMERY, B.A., Illinois Wesleyan University, 1968
MIRIAM CARPENTER MULLEN, B.S., 1956
ARTHUR SAMUEL MURPHY, B.S., Northern Illinois University, 1949
JOHN ROBERT MURPHY, B.S., Western Illinois University, 1961
VICTOR NAFRANOWICZ, B.S., Northern Illinois University, 1965
MICHAEL CHRISTY NAPP, A.B., McKendree College, 1965
TIMOTHY JAMES NEHER, B.A., Hanover College, 1967
OTIS PAUL NICELY, B.S., 1942
RUTH ADELIA NICHOLSON, B.S.Gen.N., Indiana University, 1965
TOM COTTON NICHOLSON, B.S., Illinois State University, 1967
NANCY LEE NORMAN, B.A., Illinois Wesleyan University, 1960
JANET KAY ODLE, B.A., Colorado College, 1967
CARL JOHN OLSON, B.S., Northwestern University, 1963
DANIEL BLADE OLSON, B.S., University of Minnesota, 1962
NORMA CAMPBELL PATTERSON, B.S., Illinois State University, 1958
LOTHAR REINER PEISTRUP, B.S.Ed., Illinois State University, 1964
JOYCE SANQUIST PENN, B.S., 1964
RALPH EDWIN PERILLO, B.S., Illinois State University, 1967
GLORIA JEANNINE PERRINE, B.S.Ed., Kent State College, 1964
PEGGY DONEGHUE PETERS, B.S., Eastern Illinois University, 1961
MARY VOLAND PETERSEN, B.S., Illinois State University, 1965
VERA MORGAN PHILLIPS, A.B., McKendree College, 1959
MARGARET HELEN PJOJIAN, B.S., Rhode Island College, 1967
MARIANNE SKORUPA PLIML, A.B., Lewis College of Science and Technology, 1959
JEANETTE REGINA PONCELET, A.B., College of New Rochelle, 1958
MONICA POWELL, B.S., Minot State College, 1950
THOMAS IRVIN POWELL, B.S., Illinois State University, 1966
BETTY HENDRIX PRUITT, B.S., 1962
WAYNE FREDERICK RABOLD, B.S., 1964
ARTHUR JOHN RAUCH, B.S., Eastern Illinois University, 1967
LUCILE GUTHRIDGE REED, B.S., Eastern Illinois University, 1949
JUDITH VOTH REGEHR, B.S.Ed., Bethel College, 1964
NORMAN JAMES REISER, B.S., Illinois State University, 1963
NORMA JEAN REISS, B.S., Eastern Illinois University, 1965
RICHARD LEE REMMERT, B.S., 1961
JUDITH MARIE RIORDAN, B.S., 1962
WILLIAM ROBERT ROESSLER, B.S., University of Minnesota, 1964
ROSALIE EMMA ROGOW, B.A., Greenville College, 1961
JANIS CHRISTIAN ROYER, B.S., Montana State University, 1961
ALAN MILES RUMLEY, B.S., Northern Illinois University, 1952
FRANCES LOGAN SANDERS, B.S., 1947
CAROL ANN SCHARLAU, B.S., 1966
MARY FRANCES SCHERER, B.S., 1964
SUSAN EDITH SCHICK, B.S., George Peabody College for Teachers, 1967
ARTHUR ANTHONY SCHOENING, Jr., B.S., Eastern Illinois University, 1958
PEGGY JANE SCHOENING, B.S., Southern Illinois University, 1964

RICHARD JOHN SCHULTZ, A.B., *Concordia Theological Seminary*, 1942
ROBERT CAVETTE SCOTT III, B.S., *Parsons College*, 1963; M.S., 1965
GERALDINE MARY SCZYGIEL, B.A., *Mount Mary College*, 1965
JAMES LEE SEAY, B.S., *Illinois State University*, 1963
HELEN HOLST SHILLITO, B.S., *Southern Illinois University*, 1963
BERNICE VIRGINIA SHUMAN, B.S., 1948
SISTER MARY JEAN FEENEY, B.S., *St. Ambrose College*, 1949
SISTER ANNA CATHERINE HAYES, A.B., *College of Our Lady of the Elms*, 1961
SISTER MARY CAROL HEIDEWALD, B.S., *St. Xavier College*, 1956
SISTER MARY JOSITA KUHNLINE, B.A., *St. Ambrose College*, 1960
SISTER MARY ASSUNTA LAUE, B.A., *San Diego College for Women*, 1962
SISTER MARY ALBERTA LAWLESS, B.A., *Fontbonne College*, 1963
SISTER FRANCIS DENISE MADIGAN, B.A., *St. Mary-of-the-Woods College*, 1963
SISTER ELAINE MARY MAYFIELD, B.A., *St. Ambrose College*, 1961
SISTER MARY ROBERTA MCGOWAN, B.A., *St. Ambrose College*, 1960
SISTER MARY LUCILLE MERTES, B.S., *Loyola University (Illinois)*, 1957
SISTER MARIA O'LEARY, A.B., *St. Xavier University (Illinois)*, 1962
SISTER MARY BERNARD RAWE, B.A., *DePaul University*, 1962
SISTER GERTRUDE ANN RUBSAM, B.S., *St. Norbert College*, 1964
SISTER MARY KAREN RYAN, B.A., *Saint Xavier College*, 1962
SISTER MARY LOUISE TEUFEL, B.A., B.S.Ed., *Ohio State University*, 1945, 1946
FLORENCE ELOISE SMITH, B.A., *Iowa State Teachers College*, 1947
JOSEPHINE SCOTT SMITH, B.S., *Paine College*, 1956
HELEN SUE SPEISER, B.S., 1963
NANCY MARIE STANGELAND, A.B., 1966
BEVERLY ELIZABETH STARTZ, B.S., 1966
MARY ELIZABETH STATT, A.B., *Trinity College*, 1953
KENNETH FAEH STEVENS, B.S., 1948
HELEN MAXINE STEWARD, B.S., *Greenville College*, 1961
MARY JANE STICKELS, B.S., *Northwestern University*, 1943
ANTHONY JOHN SUDAR, B.S., 1958
JAMES AQUILA SWATHWOOD, B.S., *Indiana University*, 1962
BILLY MILES TAYLOR, B.S.Ed., *Eastern Illinois University*, 1964
RICHARD FREDERICK TAYLOR, Ph.B., *Illinois Wesleyan University*, 1948
VERNAL LEE TAYLOR, B.S., *Florida Agricultural and Mechanical University*, 1949
CAROLE KUMLIN THEESFELD, B.S., *Illinois State University*, 1965
DAVID ALAN THEESFELD, B.S., *Illinois State University*, 1964
MARILYN BRIMM THOMAS, B.S., *Southern Illinois University*, 1961
WILBUR LAVARD THOMAS, Jr., B.S., *University of Missouri*, 1963
STEPHEN AMOS TILTON, B.S.Ed., *Illinois State University*, 1965
VERNA ROGERS TOLDEN, B.S., *Agricultural, Mechanical, and Normal College*, 1958
GERALD CONRAD UHE, B.S., *University of Missouri (Rolla)*, 1962
RILLER ELIZABETH VAUGHN, B.S., *Jackson State College*, 1964
MARILYN FRANCES VONCH, B.S., *Northern Illinois University*, 1962
EUGENE HAROLD WAGNER, B.S., *Illinois State University*, 1965
FLOYD BRONSON WALGREN, B.S., *Eastern Illinois University*, 1964
DONALD CARL EDWARD WALKER, B.S., *Eastern Illinois University*, 1964
JOAN WILLIAMS WALLACE, B.S., *Centenary College of Louisiana*, 1963
ROBERT RILEY WALLACE, B.S., *Centenary College of Louisiana*, 1964
RICHARD FISHER WATERHOUSE, B.S., *Western Illinois University*, 1961
JUDITH JESKEY WATSON, B.S., *Southern Methodist University*, 1965
ONA TEPER WEIZMANN, B.A., *Ohio State University*, 1966
NORMA PEARL WEST, B.S., 1959
DONALD EUGENE WHITTEN, B.S., 1957
MARY LEE HALEY WILLIAMS, B.S., *Southern Illinois University*, 1964
JOHN HOWARD WILLIAMSON, B.S., 1965
DELBERT LEE WILLISON, B.S., *Eastern Illinois University*, 1960
JOHN STEPHEN WILLSON, B.A., *Lawrence College*, 1964
MARY DICKSON WILLSON, B.S., *Iowa State College*, 1962
FRANKIE JEAN WILSON, A.B., *Talladega College*, 1964
JEANNE RUBBA WITZIG, B.A., *Trenton State College (New Jersey)*, 1963
MICHAEL JOSEPH WOODS, B.S., *Western Illinois University*, 1964
GARY VALENTINE WOOLLEY, B.A., *Beloit College*, 1967
ALTA KAY ZBINDEN, B.S., *Illinois State University*, 1965

Degree of Master of Social Work

ROBERT LEROY BECK, B.A., Roosevelt University, 1965
JAMES SPAULDING DOWNS, B.A., Millikin University, 1965
DANIEL LAVON HAARER, B.A., B.D., Goshen College, 1962, 1965
CHRISTOPHER WAYNE WHITE, B.A., Parsons College, 1964
HUBERT JOHN WRIGHT, B.S., Syracuse University, 1960

Degree of Master of Fine Arts*In Design*

GARY ANTON VISKUPIC, B.F.A., Cooper Union, 1965

In Painting and Printmaking

PAUL WILLIAM JESSEL, B.F.A., State University of New York (Buffalo), 1966
WILLIAM ALLAN NICHOLS, B.F.A., School of the Art Institute of Chicago, 1966

In Sculpture

BEVERLY THAL FAGAN, B.F.A., Washington University, 1966

Degree of Master of Laws

HERBERT TOBIAS SCHWARTZ, B.A., University of Florida, 1959; M.A., Wichita State University, 1966; J.D., University of Florida, 1966

Degree of Master of Television

YASUTOSHI ONOKI, B.A., Keio University, 1965; B.S., University of Oregon, 1967
ROBERT WAYNE PRITCHARD, B.S., 1967

Degree of Master of Architecture

WARREN ROBERT BAUER, B.Arch., 1962

Degree of Master of Accounting Science

VICTOR FRANKLIN BEEDERMAN, B.S., 1967
RONNIE WILLIAM BOUTWELL, B.S., Florida Southern College, 1967
MARSHALL EUGENE EISENBERG, B.S., 1967
EDWIN EUGENE FROMER, B.S., Indiana University, 1967
HUGH BYRNE GOOD, B.S., University of Notre Dame, 1948
ROSANN MARIE GORMAN, B.A., St. Mary's College, 1965
JOSEPH EDWARD HEERY, B.S., John Carroll University, 1967
LAWRENCE RAYMOND MOREAU, B.S., 1965
JAMES HAROLD NAUS, B.S., Miami University, 1967
MARVIN JACKSON PACE, JR., A.B., Northwest Nazarene College, 1965
DAVID ARTHUR ROLLER, B.S., 1967
MICHAEL IVAN SANTOW, B.S., 1966

Degree of Master of Business Administration

HARISH CHANDER BATRA, B.A., Augustana College (Illinois), 1966
ROBERT LARSEN BEITH, B.S., 1965
DOUGLAS CHARLES BURT, B.A., Valparaiso University, 1962
STEVEN LYNN DUDAS, B.S.E.E., Purdue University, 1967
KENNETH RICHARD GEHRKE, B.S., 1966
LARRY GORDON IRISH, B.A., Adrian College, 1966
JAMES LELAND LONGBONS, A.B., Colgate University, 1963
RAY BURT MILLER, B.S., 1966
ARTHUR WHITESIDE MORITZ, B.S., New York University, 1964
EUGENE JOHN NIKSICH, B.S., Illinois Institute of Technology, 1965
KENNETH STEPHEN PANZA, B.S., 1965
ROBERT OWEN PETKUS, B.S., 1967
PAUL ALAN SMITH, B.S., 1966

Degree of Master of Commerce

GILBERT YALE LISS, B.S.B.A., Northwestern University, 1967
STEVEN DANIEL STOLLE, B.S.I.M., Purdue University, 1967

Degree of Master of Comparative Law

WILLEMINA JOHANNA GAARLANDT, LL.B., LL.M., University of Groningen, 1960,
1964

Degree of Master of Extension Education

SORIE JUNIOR BAI BANGURA, B.S., 1967
JOHN FRANCIS BUSHMAN, B.S., 1967
JOHN WILLIAM STEIMEL, B.S., 1967
STEVEN MICHAEL STILL, B.S., 1966

Degree of Master of Landscape Architecture

VERN JENSEN BUDGE, B.S., Utah State University, 1965
BRUCE JOHN CONROY, B.F.A., 1963

Degree of Master of Urban Planning

RICHARD DEAN MARINER, B.U.P., 1967
LESLIE STUART POLLOCK, B.Arch., 1966

Advanced Certificate*In Education*

VERNON ARDELL ADAMS, B.S.Ed., M.S., Illinois State University, 1950, 1951
GEORGE DAVID AURAND, B.A., Coe College, 1950; Ed.M., 1955
RUTH MOORE AWE, B.S., M.S., 1965, 1967
HENRY JAMES BARON, A.B., Calvin College, 1960; A.M., University of Michigan,
1966
JAMES EUGENE BASALA, A.B., St. Ambrose College, 1960; Ed.M., 1965
DAVID F. BATTHAUER, B.S., Ball State Teachers College, 1936; M.S., Millikin Uni-
versity, 1957
MARION DEEGAN BAUER, B.S., Southern Connecticut State College, 1964; Ed.M.,
1967
KAYE JANE BOLEY, B.S., Pennsylvania State Teachers College (Kutztown), 1959;
Ed.M., 1967
JOSEPH EMERSON BURNETT, A.B., Drury College, 1949; M.Ed., University of Mis-
souri (Columbia), 1953
BERNARD JOHN CHARLAND, B.S., Northern Illinois University, 1956; M.A., Roose-
velt University, 1962
DENNIS WARD CROW, B.A., Linfield College, 1964; M.S.T., Portland State College,
1967
ALICE PARRETT CUTLER, B.S., Indiana State College, 1956; Ed.M., 1966
LYNN PRATT DUNN, B.S., Brigham Young University, 1957; M.A., Northern Ari-
zona University, 1966
LILA JEANNE ATHEY EICHELBERGER, B.S., M.S., 1949, 1952
GERTRUDE ROY ERIKSEN, Ph.B., Loyola University (Illinois), 1943; Ed.M., 1965
ARTHUR HERBERT FRANSON, B.S., 1950; M.S., Northern Illinois University, 1956
ROBERT DEAN HAEBICH, A.B., 1948; M.S., University of Wisconsin, 1952
ALBERTA BROWER HAGEN, A.B., Wheaton College, 1960; Ed.M., 1965
BILL RAY HAMPTON, B.S.Ed., University of Missouri, 1956; Ed.M., St. Louis Uni-
versity, 1965
GERALD WAYNE HEDGES, B.A., M.A., University of Denver, 1957, 1960
RUTH STEFFY HILL, B.S., Ed.M., 1940, 1961
GRACE EVELYN HUI TSING, A.B., Calvin College, 1946; A.M., A.M., University of
Michigan, 1947, 1957
VERNON REX INGRUM, B.S., M.S., Eastern Illinois University, 1949, 1959
JEAN ELIZABETH JACOBSON, B.S., Ed.M., 1960, 1964
LILLIAN IRENE LAHTI, A.B., A.M., University of Michigan, 1951, 1959
ALBERT ERNEST LIEHR, B.S., Ed.M., 1952, 1956
BARBARA JEAN MICHAELS, B.S., Wisconsin State College, 1956; M.S., University
of Wisconsin (Milwaukee), 1960
LEONARD WILLIAM MUELLER, B.Ed., M.S., Illinois State University, 1942, 1949
CHARLES NORRIS NEVI, B.S.Ed., M.S., Southern Oregon College, 1961, 1965
CAROLYN REED PIERCE, B.S., Southern Illinois University, 1954; Ed.M., 1967
DALLAS DWAIN PRESTON, B.S., M.S., Western Illinois University, 1957, 1967
ROBERT LESTER ROHLFING, B.S., M.S., 1940, 1951

WILLIAM FRANK SCHILLING, B.S., M.S., Bradley University, 1963, 1967
 MAUREEN CALLAHAN SCHMID, A.B., St. Mary's College, 1963; M.A., University of Notre Dame, 1964
 DELLIS DARREL SCHROCK, B.A., Goshen College, 1956; M.A., North Dakota State University, 1962
 LADLI CHARAN SINGH, B.Sc., Agra University, 1951; M.Ed., M.A., University of Delhi, 1958, 1961
 SISTER MARIE CECILE MAZUROWSKI, A.B., Nazareth College, 1938; M.A., University of Detroit, 1945; A.M.L.S., University of Michigan, 1966
 SISTER FRANCES E. WEAVER, B.S.Ed., Athenaeum of Ohio, 1956; M.A., Marquette University, 1964
 SONIA TILTON SNAPP, B.Ed., Illinois State University, 1944; M.S., 1953
 GRACE MERCEDES STARKS, A.B., Ed.M., Southern University and Agricultural and Mechanical College, 1955, 1959
 PHILIP EDWARD THOMPSON, B.A., Beloit College, 1958; M.S., University of Wisconsin, 1962
 JOHN JOSEPH WHALEN, B.S., M.A., Loyola University (Illinois), 1951, 1960
 PAUL EDWIN WHITSEL, B.A., Juniata College, 1950; M.Ed., Pennsylvania State University, 1953
 MERLE MILTON ROBERT ZESCHKE, B.S., Ed.M., 1953, 1956

COLLEGE OF AGRICULTURE

Degree of Bachelor of Science

In Agriculture

TEMITAYO KOLA AKINBAMI	DAVID REID MECK
PAUL JOSEPH BOYLES, JR.	JOE DALE MILLER
ALAN RICHARD COBB	WAYNE MELVIN MILLER
DAVID LEE COCHRAN	MERVIN GENE PETERS
LEROY CLAYTON DAVIS	SUSAN CADY RADEMACHER
LARRY DAVID GREENWOOD	GILBERT DANIEL REZNICEK
WILLIAM EDWARD HORNBACK	JAMES ARTHUR ROBINSON
JOHN FRANCIS KENNEDY	JAY ALLEN SCHLORFF
KRISTIAN SIMON LAURITZEN	DANIEL PETER ZAY

In Dairy Technology

JAMES PAUL ANGLES

In Floriculture and Ornamental Horticulture

WILLIAM RALPH FISCHER	JAMES WILLIAM REID
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In Home Economics

DIANN JOY DENNIS BERRY, Honors	JEAN CLINTON ROBERTS
ELIZABETH ANN GAEDE	KAREN JENKS ROBINSON
JANICE SUE GERULSKI	BEVERLY GIERACH SIEMERS
CAROL ANN KIESER	BRENDA KAY MALLICOAT SULLINS
JOANNE LYNN GRIFFITH LAPP	ROYCE VANDERLINDEN
SUSAN DIANNE HENRY MCGEE	GAIL MARIE VOKATY WERNER
JANE ELIZABETH PURCELL	

In Home Economics Education

NANCY JEAN THUROW LEPPER	SALLY SCHWARTZ MOXNESS
--------------------------	------------------------

In Restaurant Management

ROBERT FRANK SWALLOW

COLLEGE OF ENGINEERING

Degree of Bachelor of Science

In Aeronautical and Astronautical Engineering

JAMES TYLER EVERITT	DALE FRANCIS NEWTON
MICHAEL GARMARNIK, Highest Honors	GRIFFIN CARTER NOBLE
HARRISON RALPH HITCHNER	WARREN FRANK WALSKI
TERRY MICHAEL JACOBS	

In Agricultural Engineering

MICHAEL FAIVRE WALTER

*In Civil Engineering*ROBERT CHARLES BAUER
DONALD GLENN BEISER
GEORGE AVERY DRYEWILLIAM JOSEPH GREEN
CHESTER ROBERT KROPIDLOWSKI*In Electrical Engineering*PAUL GEORGE ALONAS
DONALD KINGSLAND BATES
ALAN DAVID BORCHARDT
DAVID HUGH CURRIE
RAYMOND GEORGE DROST
GEORGE WARREN EMRO
JOSEPH THOMAS ENNESSER
VICTOR IGWEBUIKE ERIKEN
TERRY EDWARD FLACH
ROLANDO GINYOVSKY ZECHMEISTER
STEPHEN JOSEPH HOLZ
DONALD K. JONES, High Honors
JOHN WILLIAM KAPALA
FRANK JEROME KOWALSKI
ROBERT LOUKAS KOZONIS
LEONARD STANLEY LEPKOWICZ
LAURENCE VICTOR MARKS
JAMES WILBUR McCAW
MERLE PAUL McCURRY
JOSEPH SALVATOR MERLOPAUL LOUIS MICHAUD
HENRY ALBERT MORGAN
MASOUD MOSTAFAVI, High Honors
HOMAYOUN NOMANI, High Honors
HAROLD GENE PATTERSON
JOSEPH JAMES POZYCINSKI
MICHAEL FREDERICK QUANE
JAMES MAX REEB
DENNIS DON ROSCOE
GORDON MAGNUS SAMUELSON
JUDE PATRICK SCHMIDT
EDMUND RICHARD SKUTECKI
JAMES LEROY SNELL, Honors
RAUL LEY SOTO
PETER JOHN THOMA
JOEL CHARLES VAN ANTWERP
RICHARD THOMAS VAN PELT
VASILIOS VASILOPOULOS
RICHARD CRAIG YOUNG*In Engineering Mechanics*MICHAEL NORMAN CANTWELL, Highest
Honors*In Engineering Physics*MEHRDAD GOSHTASBPUR, Highest
Honors*In General Engineering*RALPH EDWARD BRADLEY
MICHAEL HOWARD HALL
ROBERT DAVID JONESDAVID NASH PORTER
ALAN STEVEN WALSE*In Mechanical Engineering*WILLIAM JOHN BUFKIN, Honors
EDWARD STANLEY GRYCH
LAWRENCE ALLEN HULSBINK
PAUL LOUIS KINCAID
RONALD FRANK LOBODZINSKI
MOHAMMAD SAEED MASSOUDI, Highest
HonorsGEORGE EDWARD MORRIS, SR.
RICHARD CHUKA OBOKA
GREGORY WAYNE PURDOM
JAN WILLIAM VERKAIK
LESLIE ALAN WIEDEMANN*In Metallurgical Engineering*

JOHN THOMAS BOEING

MARTIN EFIONG ESSIEN

COLLEGE OF LIBERAL ARTS AND SCIENCES

Degree of Bachelor of Arts

*In Liberal Arts and Sciences*VANCE FOSTER AHLF
ROWENA LOUISE AMES
PATRICIA ANN ANDERSON
THEODORE JOHN BIEDRON
ALICE ANNE BLISS
GARY LEE BOLEN
FRANK WILLIAM BONANDANIEL VERNOR BORAH, JR.
ROBERTA JEAN BRADLE, High Honors in
Liberal Arts and Sciences
JEANETTE MARIE BRUNI
JOHN RICHARD BUTLER
NORMA CAPEL, High Distinction in
Portuguese

CAROL LYNN CECH
SYLVIA JEAN CLARK, High Honors in
Liberal Arts and Sciences with Dis-
tinction in the History of Music

JAMES FRASER COON
MICHAEL JOHN DEC
WILLIAM JOHN DORNBUSH
MARGARET ELIZABETH DUFFY
KAY PHYLLIS ETTINGTON
DAVID RAYMOND EUBANKS
MERLE SUE FLORENCE
RANDALL ALFRED FOLTZ
ELLEN ANDRA GALE
PARVIN GHAFARI

JUDITH SUSAN DUNN GREEN
ALAN WILCOX HAUSERMANN
RANDA NUSBAUM HELSER
KATHERINE ANN HOATSON
MARY ELIZABETH HOGAN
SUSAN HOLTY
ROGER JAMES INMAN, Distinction in
Rhetoric

DENIS HALLORAN JENSEN
DOUGLAS ARAN JOHNSON
RAPHAEL WILLIAM DAVID KAHN
MICHAEL DAVID KATZ
BARBARA J. KEYLON
CARL WAYNE KOERNER
ELISE SOLOMON KOPF

LAURENCE STEPHEN LANGOHR
ILONA NINA LEKI, High Honors in Lib-
eral Arts and Sciences with Dis-
tinction in French

JAMES DuBOSE LOCKE
JOHN WALTER LOFTUS
JEFFREY HARRISON LOVELL

MONICA MARIE MANNING, Distinction in
Speech

MARGARET VISONA MARRIOTT, High
Honors in Liberal Arts and Sci-
ences

ROBERT EDWARD MARSHALL
TERRENCE JOHN MCFARLAND

LAWRENCE RAYMOND MORRISSEY, Hon-
ors in Liberal Arts and Sciences

IRWIN BARRY MUCH
SUSAN MARGARET MURDOCH
CHARLENE FRANCES MYERS

DEL EUGENE OGREN
MARTHA HILDA OTTO
ANDREA FRAN PALMER
GLENN RICHARD PARKER, Distinction in
Political Science

DANIEL JAMES PARZ
PHILIP MICHAEL POLLOCK
CARLA LOU REARDON, Honors in Liberal
Arts and Sciences

ROBERT WILLIAM RICKLEFS
JON DAVID ROBINSON
WILLIAM FRANCIS ROTHWELL, Jr., Dis-
tinction in Anthropology
RICHARD DIXON SHELL, Distinction in
Portuguese

CYNTHIA ANN SHOUP
CHERYL JEAN STALLMAN, High Honors
in Liberal Arts and Sciences with
Distinction in French

HELEN MARLENE STEPHANSON

ROBERT HALEY STORM
MARY ELLEN TARCZON
PAMELA JEAN TATE, High Honors in
Liberal Arts and Sciences

SUSAN FAIR TEBUSSEK
JANET SUE THOMPSON
JOAN ELLEN TOLEN

MARTIN DAVID TOPPER, High Honors in
Liberal Arts and Sciences with
Highest Distinction in Anthropology

SONJA WARDEN URKOVICH
GAIL VENEZKY
CHARLES FRANK WENTE
SANDRA ELAINE WESSON
KAREN CULBERTSON WILSON
RICHARD EDWARD WINKLER, Jr.
LYNNETTE ZOLT YORE

In the Teaching of English

LOREE KNAUB CIECHANOWSKI
DALE LYNNE DONIGER
DENICE JEAN FITCHIE
JANIS LOUISE GILBERT
JULIA FRANCES HAMELBERG
PHILIPPA ANN JERZYCKE
PAMELA KAY JORGENSEN, High Honors
in Liberal Arts and Sciences

VIVIAN AMY KAHN
DOROTHY JUBELT McELDOWNEY, Honors
in Liberal Arts and Sciences
JOYCE ANN MOON
GEORGE ERNEST ROLLER
JO ANN MARIE SMITH, Honors in Lib-
eral Arts and Sciences
APRYL STEPHANIE WARREN

In the Teaching of German

CONSTANCE RUTH CUMMINGS, High
Honors in Liberal Arts and Sci-
ences with High Distinction in the
Curriculum

In the Teaching of Social Studies

DEWEY G. HOLLINGSWORTH, Honors in
Liberal Arts and Sciences
JO ANN MECH, High Honors in Liberal
Arts and Sciences

WAYNE GERHARDT NIEMANN, High
Honors in Liberal Arts and Sci-
ences with High Distinction in
History
MELANIE ARLENE TILLMANN'S

In the Teaching of Speech

LINDA ANN OBENAUF, High Honors in
Liberal Arts and Sciences with
High Distinction in the Curriculum

In the Teaching of Spanish

SARALEE STRAUSS

In Theatre Art

ROBERT ALLEN BREWER

Degree of Bachelor of Science*In Chemical Engineering*

STEPHEN SAMUEL SCHERTZ
WILLIAM MURRAY SCHOTT, Distinction
in the Curriculum

NORMAN EARL THOMAS, Distinction in
the Curriculum

In Chemistry

WILLIAM CLARENCE PIKE, High Honors
in Liberal Arts and Sciences with
Distinction in the Curriculum
JACOB JOHN PLATTNER

SARA LEE SODER
GERALD SIGFRED WIKHOLM, High Hon-
ors in Liberal Arts and Sciences
with Distinction in the Curriculum

In Home Economics

BARBARA JUNE KLEIN

CAROL MADELYN PANOZZO

In Liberal Arts and Sciences

WARREN ROBERT ADAMS
AMY BOULE BIRNBAUM
RONALD RAY BROOKS
WINNIE CHAU-MING CHOW
MONICA DEE CHRISTY, High Honors in
Liberal Arts and Sciences with
High Distinction in Psychology
MALCOLM DOUGLAS CORNER, JR.
JOANNA LAURA CORNETT
JO ELLEN CUNNINGHAM
SAMUEL JAMES DALTON
CHRISTOPHER DAMMERS
WILLIAM ALLEN DAY
CHARLENE TALSA DOYLE
JOSEPH ALLEN FLAHERTY
GEORGE A. FRANKLIN, JR.
DAVID MYRON GOLDSTEIN
KATHRYN MARY GREENMAN
SUNDRA CAROL GREGORY, Honors in Lib-
eral Arts and Sciences
LAWRENCE MICHAEL GREY
DIANE JULIA GUILIANI
EARL WEBB HENRY, High Honors in
Liberal Arts and Sciences
PAUL JOHN HLETKO
BONNIE JUNE HOHMAN
PATRICIA LYONS HOMAN
RICHARD EDWARD ISLER
ELLSWORTH EMIL LUDWIG
GERALD ALLEN MARTIN
DAVID EWING MINOR
MARJORIE JANE MINOR
ALFRED GINO MORESI

SALLY HELEN MORROW
ROSEMARY WALTON NADEAU
LARRY EUGENE NEVENHOVEN
KUONG CHAT NGO
SUSAN LYNN OATES
WALTER GATES OLSON
RICHARD DONALD OSBRINK
JAMES WINTER PAUL
WILLIAM ROCKWELL PFINGSTEN
LEO PETER PLAS, JR., High Honors in
Liberal Arts and Sciences with Dis-
tinction in Geology
MICHAEL STUART POPPER
TERRY LEE ROBERTS
ELMER RICHARD ROBINSON
HARGER COOK ROLLO
LOIS SHELTON
SHERI SIMON
BRUCE WILLIAM SMIT
TERRY ENDERLE SUELTMAN
CONSTANCE LOUISE THOMPSON, High
Honors in Liberal Arts and Sci-
ences with Highest Distinction in
Mathematics
NANCY JEAN VUCKOVICH, Distinction in
Zoology
SALLY ANN VUKELICH
JEAN ANNETTE WASHBURN, Honors in
Liberal Arts and Sciences
JAMES BURTON WEEKS
MALCOLM FLOYD WELCH
RICHARD DONALD WITHEROW
HELEN WULC

In Physics

THEODORE MARION LACH
WILLIAM RICHARD SHANAHAN, High
Honors in Liberal Arts and Sci-
ences with Highest Distinction in
the Curriculum

In Speech Correction

KRISTI RENNEBOHM FRANZ, Distinction
in the Curriculum
NANCY JO GREGORY

DIANNE LOUISE HALENAR
RUTH MARIE PHILLIPPE
CAROLYN GILMORE RAREY

In the Teaching of Biology

TERRY STARR

In the Teaching of Earth Science

ROBERT HOWARD GILKESON

In the Teaching of Mathematics

JAMES ROYCE BERTHOLD
STEPHEN EARL HAHN
BARBARA JANE INMAN
LINDA LOU KNOX, High Honors in Liberal Arts and Sciences with Distinction in the Curriculum

PHILIP ALAN LOGSDON
JAMES MICHAEL McDEVITT
MARY JOHNSON WERNER

COLLEGE OF LAW**Degree of Juris Doctor**

LEE ALAN CAMPBELL, B.A., Yale University, 1965
FREDERICK ARBER JOHNSON, B.S., 1966
RICHARD ALLEN KAUFMAN, B.A., Northwestern University, 1965

TERRENCE MERLYN WALSH, A.B., 1965
LAWRENCE JAMES WEINECKE, B.A., Southern Methodist University, 1965

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

JANICE ROSE ADAMAITIS
RUSSETTA FLANDERS ALLEN
BEVERLY HILTABIDLE BEASLEY
ANN SYLVIA STERN BERKSON
CAROL GUTHRIE FARNUM
ALMA ROSE FORRESTER
SUSAN WILSON GLENNON
RUTH CONDON HALL
JAMES HENRY HAYES, JR.
JEAN GAMMILL JUDSON

NANCY LOUISE KINTZEL
DORIS SHAFFER KIRBY
JACQUELYN THOMAS KLEISS
LINDA LOU LARSON
VIOLET PATTERSON METZ
JOYCE FINNERN MILBRATH, Honors
ARLENE FAY SHAFFER SMITH
LYDIA MARY STEMPIEN
MARY RUTH THALGOTT
HELEN MASTERS WHALEN

In Industrial Education

JACK HAROLD ALVERS
BARRY LYALL KEHELY

RANDALL BRENT MARTIN

In Secondary Education

PATRICIA HARMENING BRINK, High Honors
JOHN WILLIAM JOSEPHSEN

DANNEL MCCOLLUM
JANE CAROL ROSEN

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

DEAN ANDREW ADAMS
KEITH EDWIN BOLES
WILLIAM JOHN BURZYNSKI
DAVID FURROW CARTER
HARVEY CITERMAN
JOHN SCOTT COBB
DENNIS MICHAEL CONKLIN
IRL FREDRICK ENGELHARDT
JOHN GORDON ERICKSON
GERRY KENNETH FINK
DOUGLAS HENDERSON FORDE

PATRICIA HARRIET GINSBERG
RICHARD CARL JARCHOW
MERRILL GUY NORTON
MARY LEONA PERZ
LESTER JOHN RHODES
RAYMOND CURL SMITH
RICHARD EDWIN TOENJES
JOHN MARTIN WACHOWICZ
MICHAEL CHARLES WALSH
SHERWIN ALVIN ZUCKERMAN

In Economics

JOHN DAVID ASHBAUGH
BERTRAND MORLEY EMERSON

ROBERT EDWARD KELEHER

In Finance

RALPH VAN BOGAN
DANIEL WAYNE HOUMES
MICHAEL EUGENE JONES

RONALD ALLEN LEV
GEORGE JOSEPH PETERSON
ROBERT DAVID TEBBEN

In Industrial Administration

BAARD RICHARD GRINDAL
LINDA SCHICK HARMS

DAVID BRIAN HOPPER

In Management

THOMAS WARD HURD

In Marketing

THOMAS JOSEPH BYRNE
MARILYN ROSE COSTA
MICHAEL HARVEY GARFIELD
KERRY LEE GONNAM
FRED RUSSELL HAZLETT

STEPHEN GEORGE KOUZOMIS
JOHN THOMAS O'BRIEN
JOSEPH RICHEY, JR.
ALAN JARVIS WATERS

In Secretarial Training

LINDA MARIE ZULL

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

CHARLES RAYMOND BERNARDINI
JANE ELLEN CARPENTER
DONALD CHARLES EVON, JR.
DAVID ADRIAN FOUNTAIN
CAROL ANN FOX
DANIEL HENRY HAMELBERG
RAYMOND JOSEPH HEINZ
DEIDRE SUSAN IRWIN
JORDANKA LEPA LAZAREVIC
ALAN WILLIAM MUNCASTER
LARRY NEWELL PAYNE

THOMAS JOSEPH REINECKE
ERIC GREGORY ROBERTS
EDWARD PHILIP SEJUD
JOHN RICHARD SLUIS
TIMOTHY WISE SPANNAUS
MARILYN BETH SPIEGEL
ALFRED MELVIN SWANSON, JR.
KATHLEEN CLECKNER TORGENSEN
JOHN CHARLES TRACY, JR.
DENNIS ROGER WILLIAMS, High Honors

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

LOREN CARL BARTELS
JERRY HOWARD FIELDS
S. GULZAR HAIDER
DONALD FRANCIS HOLEVOET

DONALD VINCENT KOPALE
WILLIAM ALEXANDER MUDGETT
KENT ELTON RETZER
JOHN LOUIS VOSTEL

Degree of Bachelor of Fine Arts*In Art Education*

PATRICIA ANNE BRELOWSKI
PAMELA ALBION GROUT
DORTHA KILLIAN HENDERSON

MARILYNN MARCIA MUELLER
ALICE KAREN UTTER

In Crafts

DUNCAN LESTER GONZALEZ

In Graphic Design

DAVID HASKLE GANG
DAVID WILLIAM MALONEY, JR.

THOMAS EDWARD YOUNG

In Industrial Design

KENNETH LEONARD HEDEEN

In Painting

MARJORIE ANNE ROBERTS ALEXANDER
LUCIA JANE BODZEWSKI

ROY RONALD DRASITES, Highest Honors
JOHN ROBERT LEBEN

Degree of Bachelor of Music

MICHAEL PAUL FANELLI

Degree of Bachelor of Science*In Music Education*

JANET SUE BARKSDALE
MICHAEL DEAN BENARD
NANCY LUCINDA BROWN
CAROLYN KOENIG EIGEL
WILLIAM THEODORE FRIES III

DOUGLAS CHRISTIAN LEMMON, Highest Honors
KATHRYN ANN O'CONNOR, High Honors
ADRIENNE ANGONE OLSEN

Degree of Bachelor of Urban Planning

TERENCE EDWARD SULLIVAN

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

JOHN ALAN DUNLOP
JANET ELLING
FREDRICK EARL HARMS
DENISE CAROL JARVIS
RICHARD KENT LEGUE
BRIAN MICHAEL LERCH
DAVID NICK LEZEAU

BENJAMIN EUGENE LOUIS
JARY BRIN ROSENBERG, High Honors
GILBERT ANTHONY SANKS
RICHARD ALLAN TATE
MICHAEL LOUIS VIG
MICHAEL HUMMEL WAYNE
WILLIAM CECIL YOUNG

In Recreation

WENDY GLICK BALTAKE
LESLEY ZAK BERRY
SUSAN GRACE DANZER
MARY ANN DREFFEIN

PENELOPE JOAN FREDRICKS
LAURA JARVIS
BARBARA ELAINE LEIGHTON
ADRIENNE ELAINE RYBACK

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

ROGER FRANK HAGENBERG

SECRETARY'S REPORT

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

CHANGE IN SABBATICAL LEAVE OF ABSENCE

WILLIS C. JACKMAN, Assistant Professor of English — sabbatical leave of absence granted him for the fall and winter quarters has been changed to sabbatical leave of absence for winter and spring quarters, 1968-69.

ANNOUNCEMENTS FROM THE PRESIDENT OF THE BOARD

President Swain called attention to the schedule of the next four meetings of the Board: October 16, 1968, at the Medical Center; November 22, 1968, in Urbana (having been changed by the Board from Wednesday, November 20); December 18, 1968, at Chicago Circle; and January 15, 1969, in Urbana.

Mr. Swain announced that a meeting of the Committee on Buildings and Grounds had been called following the Board meeting.

On motion of Mr. Clement, the Board adjourned.

EARL W. PORTER
Secretary

TIMOTHY W. SWAIN
President

LUNCHEON GUESTS

During the luncheon recess the President of the University asked University Counsel James J. Costello to introduce Mr. John W. Metzger, Associate University Counsel and Legal Counsel for the Urbana-Champaign Campus. The President also asked Chancellor Peltason to introduce the following new deans and directors of the Urbana campus, each of whom spoke briefly; Dean Joseph W. McGuire, College of Commerce and Business Administration; Dean L. M. Jones, College of Veterinary Medicine; Director Ralph E. Flexman, Institute of Aviation; Director Melvin Rothbaum, Institute of Labor and Industrial Relations; Director John Burrell, Krannert Center for the Performing Arts.