

MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS
AND OF COMMITTEES OF THE BOARD

June 19, 1968



FINANCE COMMITTEE

On call of the Chairman, a meeting of the Finance Committee was held in Room J of the LaSalle Hotel, Chicago, Illinois, on Wednesday, June 19, 1968, beginning at 12:30 p.m.

Present were: Mr. Donald R. Grimes, Chairman; Mr. Howard W. Clement, Mr. Kenney E. Williamson. Other Trustees present were: Mr. Ralph C. Hahn, Mr. Earl M. Hughes, Mr. Timothy W. Swain. Also present were: President David D. Henry; Executive Vice-President and Provost Lyle H. Lanier; Chancellor Norman A. Parker, University of Illinois at Chicago Circle; Chancellor Joseph S. Begando, University of Illinois at the Medical Center; Chancellor J. W. Peltason, University of Illinois at Urbana-Champaign; Dr. Eldon Johnson, Vice-President of the University; Mr. C. S. Havens, University Director of Physical Plant Planning and Construction; Mr. C. E. Flynn, Assistant to the President and University Director of Public Information; Mr. James J. Costello, Legal Counsel; Dr. Daniel C. McCluney, Dean of Faculties, Chicago Circle; Mr. R. C. Wicklund, Assistant Secretary of the Board of Trustees and Assistant Secretary of the University; Mr. Eugene S. Pitcher, Assistant to the Director of the Physical Plant, Urbana, and the officers of the Board, Mr. H. O. Farber, Comptroller, Mr. R. R. Manchester, Treasurer, and Dr. Earl W. Porter, Secretary.

The Committee considered the following item of business.

OPERATING BUDGET FOR 1968-69

The President of the University presented the Operating Budget for 1968-69 and with other University officers reviewed its general emphasis with regard to salaries and program. Copies of the complete budget and the condensed analysis and summaries had been sent for study to all Trustees a week in advance of the meeting. After discussion, on motion of Mr. Williamson, the Committee unanimously approved the operating budget for 1968-69, as recommended.

The Committee adjourned.

**JOINT MEETING OF THE FINANCE COMMITTEE
AND THE COMMITTEE ON BUILDINGS AND GROUNDS**

On call of the Chairmen, a joint meeting of the Finance Committee and the Committee on Buildings and Grounds was held in Room J of the LaSalle Hotel, Chicago, Illinois, on Wednesday, June 19, 1968, following the meeting of the Finance Committee.

The same members of the Finance Committee were present as recorded in the minutes above. Present for the Committee on Buildings and Grounds were: Mr. Ralph C. Hahn, Chairman; Mr. Howard W. Clement, Mr. Donald R. Grimes, Mr. Earl M. Hughes. Mr. Theodore A. Jones and Mr. Harold Pogue were absent. The same University officers were present as recorded in the Finance Committee minutes.

The committees considered the following item of business.

BIENNIAL BUDGET REQUEST FOR CAPITAL FUNDS, 1969-71

The President of the University and the Executive Vice-President and Provost presented and reviewed the Biennial Budget Request for Capital Funds for 1969-71, for the joint consideration by the two committees. Copies of this document had been sent to members of the Board of Trustees one week in advance of the meeting.

Also presented was a supplemental memorandum requesting an addition to the request for equipment for conversion from black-white to color television.

In the discussion of the biennial request, particular attention was given to proposed construction to enable the University to serve larger enrollments, both immediately and in succeeding biennia.

By agreement, the committees considered the capital requests in joint session and discussion but acted separately; the presiding officer in each case being the respective chairman of each committee.

On motion of Mr. Hughes, the Buildings and Grounds Committee approved the biennial budget request for capital funds for 1969-71 as recommended.

On motion of Mr. Williamson, the Finance Committee approved the biennial budget request for capital funds for 1969-71 as recommended.

The committees adjourned.

MEETING OF THE BOARD OF TRUSTEES

The June meeting of The Board of Trustees of the University of Illinois was held in Room J of the LaSalle Hotel, Chicago, Illinois, on Wednesday, June 19, 1968, beginning at 1:50 p.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. Timothy W. Swain, Mr. Kenney E. Williamson. Mr. Theodore A. Jones was not present when the Board convened but joined the meeting later. Governor Samuel H. Shapiro, Mr. Ray Page, Mr. Harold Pogue, and Dr. James A. Weatherly were absent.

The same University officers and officers of the Board were present as recorded in the Finance Committee Minutes.

TRIBUTE TO MAJOR LENOX R. LOHR

The President of the Board presented the following tribute to Major Lohr:

I believe that members of the Board will want to note the recent passing of Major Lenox R. Lohr. A little more than four years ago this Board approved the conferring of a Trustees Citation upon Major Lohr for distinguished public service with special recognition of his long and devoted services to the University as member and Chairman of its Citizens Committee and as Chairman of the Jane Addams Memorial Fund. None of us needs to be reminded of the extent of Major Lohr's contributions to the City of Chicago, the State of Illinois, and the Nation. I will, however, entertain a motion recording the deep regret of the Board of Trustees at the death of Major Lohr and its profound appreciation for his many services to this institution.

Mr. Hughes moved that the Board record its deep regret at the passing of Major Lohr and that the Secretary of the Board be instructed to convey the sentiments of the Board to the members of Major Lohr's family. This motion was approved by a standing vote.

INTRODUCTION OF IRVIN L. HECKMANN

At the request of the President of the University, the Chancellor of the University of Illinois at Chicago Circle introduced Dr. Irvin Lee Heckmann who became Dean of the College of Business Administration at Chicago Circle on June 1, 1968.

MINUTES APPROVED

The Secretary presented the minutes of the meeting of the Board of Trustees on June 20, 1967, press proof copies of which had previously been sent to the Board.

On motion of Mr. Clement, the minutes were approved as printed on pages 547 to 650 inclusive.

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

PRESIDENT'S REPORT

President Henry presented a report on selected topics of current interest, copies of which were distributed at the meeting, and a copy was filed with the Secretary of the Board.

ANNUAL OPERATING BUDGET FOR 1968-69

(1) The budget for the fiscal year beginning July 1, 1968, for academic and admin-

istrative appointments beginning September 1, 1968, and for appointments to the nonacademic personnel staff beginning July 1, 1968, is submitted herewith.

The budget has been prepared by the Executive Vice-President and Provost and the Vice-President and Comptroller, based upon recommendations of the chancellors, the deans, directors, and other administrative officers, and in consultation with the University Budget Committee¹ representing all campuses of the University. The budget policies with respect to assignments of funds for promotions and salary adjustments have also been reviewed with the University Council. (Finally, the budget will have been reviewed by the Finance Committee of the Board prior to formal action by the Board.)

The budget document submitted contains: a condensed analysis, which describes the principal increases in the budget; schedules A through H, which give the budget totals and major subtotals; and summaries for each college or administrative unit. Also submitted are four supplemental volumes (two for Urbana-Champaign and general University administration and one each for the other campuses) presenting budget details for departments, divisions, and other operating units.

I recommend that this budget, covering the allocation of the estimated operating income from all sources for the year beginning July 1, 1968, and as approved by the Finance Committee, be approved by the Board, and that the President of the University be authorized, in accordance with the needs of the University and the equitable interests involved, and within total income: (a) to accept resignations, (b) to make such additional appointments as are necessary subject to the provisions of the University *Statutes* and the *Policy and Rules Relating to Compensation and Working Conditions of Nonacademic Employees*, and (c) to make such changes and adjustments in items included in the budget as are needed, all such changes to be covered in the Vice-President and Comptroller's quarterly financial reports, or in reports to the Board by its Secretary, provided that assignments for new programs and for nonrecurring capital expenditures in excess of \$10,000 shall be presented to the Board for approval.

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

A copy of the condensed analysis is filed with the Secretary of the Board for record. The complete budget is printed separately as a supplement to these minutes.

BUDGET OF THE ATHLETIC ASSOCIATION FOR 1968-69

(2) The Director of Intercollegiate Athletics has submitted, on behalf of the Board of Directors of the Athletic Association, the budget for the Association for 1968-69 which is summarized as follows with comparative figures for the preceding year:

	1967-68	1968-69
Income.....	\$1 678 414	\$1 807 200
Appropriations	1 678 414	1 807 200
Excess of Income.....	0	0

The budget has been reviewed and approved by the Executive Vice-President and Provost and the Vice-President and Comptroller.

I recommend that this budget be approved and that the Board of Directors of the Athletic Association be authorized to make such changes and adjustments,

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).

including approval of new appointments and acceptances of resignations, as are necessary within the total income and surplus of the Association, provided that: appointments of head coaches and administrative officers and assignments of funds for new projects or nonrecurring capital expenditures in excess of \$10,000 shall be presented to the Board for approval.

A copy of the budget is being filed with the Secretary of the Board for record.

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

BOARD OF HIGHER EDUCATION RECOMMENDATIONS ON EDUCATION IN THE HEALTH FIELDS

(3) I recommend that the Board of Trustees endorse the Recommendations on Education in the Health Fields as approved by the Board of Higher Education on June 4, 1968.

I further recommend that the President of the University be authorized to formulate plans for the implementation of the recommendations insofar as they apply to the University of Illinois, subject to continuing review by the Board of Trustees as appropriate.

The President of the University and the Executive Vice-President and Provost presented a summary of the Board of Higher Education recommendations as approved on June 4 and discussed their relevance to the University of Illinois' original proposals — see Board minutes of October 16, 1967 — and to the University's capital requests for the next biennia.

On motion of Mr. Clement, the recommendations were approved unanimously.

UNIVERSITY BUILDING PROGRAM FOR 1969-71

(4) Submitted herewith are the building program and estimates of capital appropriations required for the biennium of 1969-71.

The buildings and other capital improvements listed are recommended by the Executive Vice-President and Provost, as Chairman of the University Building Program Committee.¹ This Committee has received and reviewed recommendations by the chancellors for their respective campuses. The campus programs were prepared with the advice of campus planning committees, and after consultation with the deans, directors, and other administrative officers concerned.

With the concurrence of the University Council on Administration, I recommend approval of this capital program 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 review.

The University has television-production facilities at all three of its campuses, but none has capacity to produce in color. The lack of capability for producing live or taped programs in color seriously limits the effectiveness of the University's use of this medium, which serves the following educational purposes: (a) on-campus instruction (closed circuit, at all three campuses); (b) off-campus adult education (broadcasting at Urbana-Champaign; distribution of taped programs at all three campuses); (c) education of students for professional careers in television (Urbana-Champaign and Chicago Circle campuses).

Given the current (and changing) state of television technology and the corresponding expectations of viewers, color capability has become a virtual necessity if the University is to perform these varied functions at even minimally satisfactory levels. The following facts and considerations support this conclusion:

1. Illinois commercial stations have increasingly declined to accept the University's taped black and white programs. (Virtually all Illinois television stations now broadcast in color and produce local programs in color.)

¹ The University Building Program Committee: Lyle H. Lanier, Executive Vice-President and Provost, *Chairman*; Daniel Alpert, Dean of the Graduate College; Joseph S. Begando, Chancellor of the Medical Center Campus; Herbert E. Carter, Vice-Chancellor for Academic Affairs at the Urbana-Champaign Campus; Herbert O. Farber, Vice-President and Comptroller; Herbert A. Laitinen, Professor of Chemistry and Chemical Engineering at the Urbana-Champaign Campus; John P. Marbarger, Professor of Physiology and Director of the Research Resources Laboratory at the Medical Center Campus; Daniel C. McCluney, Jr., Dean of Faculties at the Chicago Circle Campus; Norman A. Parker, Chancellor of the Chicago Circle Campus; Jack W. Peltason, Chancellor of the Urbana-Champaign Campus. (Messrs. Laitinen, Marbarger, and McCluney are also Chairmen of the Planning Committees for their respective campuses.)

2. Of the three educational television stations in Illinois (located in Chicago, in Urbana, and in Carbondale), only the University's station in Urbana lacks color capability.
3. Students can not be properly trained for future broadcasting careers through the use of "black-and-white" facilities alone. It is educationally indefensible for the University to train students in the use of an outmoded medium.
4. Color is universally accepted as being virtually an essential medium for television instruction in certain aspects of medicine. It is estimated that the following sums would be necessary for conversion to color equipment at the three campuses:

Chicago Circle Campus.....	\$305 430
Medical Center Campus	370 000
Urbana-Champaign Campus.....	240 200
	<u>\$915 630</u>

With the concurrence of the three chancellors, the Executive Vice-President and Provost recommends the addition of the foregoing amounts to the University's *Biennial Budget Request for Capital Funds — 1969-71*.¹

I concur.

On motion of Mr. Hahn, the building program and other related recommendations including the supplemental request for funds for equipment for conversion from black-white to color television were approved by the following vote: Aye, Mr. Clement, Mr. Grimes, Mr. Hahn, Mr. Hughes, Mr. Swain, Mr. Williamson; no, none; absent, Mr. Jones, Mr. Page, Mr. Pogue, Governor Shapiro, Dr. Weatherly.

The full text of the document presenting the request for capital funds follows.

I. Educational Program

The capital funds requested by the University of Illinois for the biennium 1969-71 would provide the facilities needed for an overall increase in *enrollment capacity* of 9,370 students. This would bring the University's total capacity to an estimated 63,820 students—a gain of 17 per cent above the level of 54,450, the latter being the estimated limit when all current projects have been completed and brought into full utilization.²

Summaries of the increases in enrollment capacity at the University's three campuses expected from the proposed 1969-71 capital program are presented in Table I as follows: Chicago Circle, 5,200; Medical Center, 680; Urbana-Champaign, 3,490. Distributions of these totals over five educational levels are shown.

The total enrollment capacities of the three campuses, if all of the requested 1969-71 increases in plant capacity are provided and when fully utilized, would be: Chicago Circle, 25,000; Medical Center, 4,560; Urbana-Champaign, 34,260. As explained in the second paragraph of the footnote 2 below, these figures may be taken as approximate enrollment projections for 1974-75 or 1975-76.

The distributions of "enrollment capacities" by educational levels shown in Table I (the so-called "student mix") reflect in part the policy of relatively greater emphasis upon junior-senior, professional, and graduate levels—as generally rec-

¹ Subsequently, these amounts were transferred to the Biennial Budget Request for Operations, 1969-71.

² The terms "enrollment capacity" and "enrollment projection" are not synonymous, although the two obviously are related. The "enrollment capacity" of a given university plant refers to the enrollment ceiling that would be reached when all facilities involved (existing and under development) had reached levels of full utilization as measured by accepted standards. A specified "enrollment capacity" would not all be utilized immediately upon completion of all programmed construction, since sufficient space would have to be reserved to allow the expanded enrollments in successive classes of various degree programs to progress towards graduation. For example, the enrollment capacity resulting from an addition to the plant of a law school would not be fully utilized until all three classes (first-, second-, and third-year) had successively reached their respective new enrollment limits.

When additions to the plant of an institution are being made, say, every two years, there will be overlap of the gains in "enrollment capacity" corresponding to two or more such expansion periods. Hence, the "enrollment projection" made for a given future year would reflect the summation of the increments of gain contributed by these biennial additions. Assuming further construction in 1971-73 (to be available for initial use in part by 1974-75), the totals shown in Table I as "1969-71 capacity" levels could be considered approximate "enrollment projections" for 1974-75. (The limit for the Medical Center campus might not be reached until 1975-76.)

Table I. Estimates of Increases in Enrollment Capacity (Headcounts) to Be Provided By Buildings in the 1969-71 Capital Budget

<i>Campus</i>	<i>Freshman-Sophomore</i>	<i>Junior-Senior</i>	<i>Professional</i>	<i>Graduate I</i>	<i>Graduate II</i>	<i>Total</i>
<i>Chicago Circle</i>						
1969-71 capacity ¹	8 500	13 695	.....	1 552	1 253	25 000
1967-69 capacity ²	9 100	9 100	.....	952	648	19 800
Increase.....	— 600	+ 4 595	.....	+ 600	+ 605	+ 5 200
<i>Medical Center</i>						
1969-71 capacity ¹.....	.....	.....	3 765	405	390	4 560
1967-69 capacity ².....	.....	.....	3 123	397	360	3 880
Increase.....	.....	.....	+ 642	+ 8	+ 30	+ 680
<i>Urbana-Champaign</i>						
1969-71 capacity ¹	10 200	13 300	1 440	4 620	4 700	34 260
1967-69 capacity ²	11 000	10 700	870	4 009	4 191	30 770
Increase.....	— 800	+ 2 600	+ 570	+ 611	+509	+ 3 490
<i>All Campuses</i>						
1969-71 capacity ¹	18 700	26 995	5 205	6 577	6 343	63 820
1967-69 capacity ²	20 100	19 800	3 993	5 358	5 199	54 450
Increase.....	—1 400	+ 7 195	+1 212	+1 219	+1 144	+ 9 370

¹The term "1969-71 capacity" refers to enrollment capacity if and when all of the facilities included in the 1969-71 capital request are constructed and fully utilized.
²The term "1967-69 capacity" refers to the enrollment capacity previously estimated for the facilities requested for the 1967-69 biennium — less the capacity deducted when projects were deleted from the University's 1967-69 capital request.

ommended for State universities in the Master Plan of the Board of Higher Education. It had not been planned, however, that the allocation of 1969-71 "capacity" to the freshman-sophomore level at the Chicago Circle campus would be lower than the figure projected two years ago for 1967-69. This outcome was dictated by actual changes in student demand: applications for lower-division admissions have fallen considerably below earlier expectations, whereas applications at junior-senior level have greatly exceeded the projections made for the 1967-69 capital budget. So corresponding adjustments have been made in the 1969-71 estimates.

Three additional facts about the Chicago Circle program should be noted: (a) with the 1969-71 facilities, undergraduate capacity would reach slightly more than 22,000—some 2,000 more students than the target set in the original plan for the campus; (b) facilities to bring graduate enrollment to 2,805 are requested, almost 40 per cent of them beyond first-year level; (c) the total of 25,000 students to be reached by 1975 would represent a fivefold increase since the new campus was occupied in 1965.

The increased capacity at the Medical Center campus—a total of 680 students—would virtually all be in dentistry and medicine, two health professions in which the State's needs are extremely acute. Phase II of the Dentistry Building would enable the College of Dentistry to add a total of 341 students in all categories to its currently-programmed capacity of 564.

The College of Medicine would increase its M.D. enrollment by 50 per cent (from approximately 800 to 1,200 in all four classes)—with the additional 100 first-year students being enrolled at Urbana and the continuation classes totaling 300 students being enrolled at the Medical Center. To administer the expanded program, the College would be reorganized into semi-autonomous "schools"—as recommended in the recent *Report on Education in the Health Fields* and approved by the Board of Higher Education.

The building program proposed for the Urbana-Champaign campus would: (a) provide facilities for some 2,600 additional transfer students from junior colleges; (b) add substantially to its enrollment capacity in the professional fields of law, veterinary medicine, agriculture, engineering, and speech pathology; (c) increase its overall graduate-enrollment capacity by about 14 per cent.

In the following section (II), the capital projects and funds required to provide the additional facilities for these expanded programs are summarized. In section III, a quantitative "space audit" is presented for each campus—comparing the space needs generated by the projected program with the amount of space to be available upon completion of the proposed construction. The remaining sections are devoted to detailed information about the individual projects for the three campuses: section IV, Chicago Circle; section V, Medical Center; section VI, Urbana-Champaign.

II. Summary of 1969-71 Capital Budget Request

The capital projects and funds requested for the proposed expansion and improvement of the University's educational program are presented in the following tables:

Table II. Chicago Circle Campus—1969-71 Capital Projects (page 1049)

Table III. Medical Center Campus—1969-71 Capital Projects (page 1050)

Table IV. Urbana-Champaign Campus—1969-71 Capital Projects (page 1051)

Table V. Summary of Funds for the 1969-71 Building Program (page 1052)

The estimates of cost for the buildings listed in these tables were obtained through the following procedure, which has been recommended by the Illinois Board of Higher Education:

1. A base was established for each project by comparison with historical bid costs on projects most nearly like the one contemplated and in the same geographical area. The base represents the average for such projects (not the low bid), and no data older than five years were considered.
2. The cost estimate was adjusted by means of an index table provided by consultants to the Illinois Building Authority, to bring it to the level specified for the period from December 1, 1967, to May 31, 1968.
3. To the adjusted estimate given by step (2), the costs of architectural and engineering fees, Illinois Building Authority construction supervision, site improvements, and soil testing were added—to obtain a total project cost (without contingency).

Table II. Chicago Circle Campus — 1969-71 Capital Projects

Project	Net Assignable Square Feet (NASF)	Total Cost	Anticipated Non-State Funds	State Funds	Building Efficiency ¹
1. Buildings ²					
Architecture and Art Addition.....	68 931	\$ 7 411 500	\$ 250 000 ³	\$ 7 161 500	60%
Classroom-Office Building.....	45 709	4 470 500	106 000 ³	4 364 500	60%
Library Addition.....	94 723	9 873 500	1 000 000 ³	8 873 500	70%
Plant Research Laboratory.....	8 590	643 500	—	643 500	72%
Science and Engineering, South Addition					
a. Engineering.....	120 227	16 707 100	1 000 000 ⁴	15 707 100	60%
b. LAS-Sciences.....	69 836	10 353 400	1 000 000 ⁴	9 353 400	60%
c. Classroom-Study Space.....	27 445	2 413 500	100 000 ³	2 313 500	60%
Student Services Building.....	55 120	5 667 600	—	5 667 600	60%
Subtotal, Buildings.....	(490 581)	(\$57 540 600)	(\$3 456 000)	(\$54 084 600)	
2. Power Plant Addition.....	.....	1 714 000	—	1 714 000	
3. Land Acquisition.....	.....	4 110 000	—	4 110 000	
4. Movable Equipment					
1967-69 Buildings.....	.....	3 270 188	—	3 270 188	
1969-71 Buildings.....	.....	5 185 181	—	5 185 181	
Conversion to color TV.....	.....	305 430	—	305 430	
5. Planning 1971-73.....	.....	1 685 000	—	1 685 000	
6. Remodeling and Building Improvement.....	.....	3 850 150	—	3 850 150	
7. Protection of Life and Property.....	.....	573 900	—	573 900	
8. Site Improvements.....	.....	1 487 500	—	1 487 500	
9. Utilities Distribution System.....	.....	1 152 800	—	1 152 800	
Total.....	490 581	\$80 874 749	\$3 456 000	\$77 418 749	

¹ The term "building efficiency" refers to the ratio of "net assignable square feet" to "gross square feet" in a building.² In alphabetical order; not in priority order. Six of these buildings were requested for the 1967-69 biennium.³ Higher Education Facilities Act, Title I.⁴ Higher Education Facilities Act, Title I and Title II.

Table III. Medical Center Campus — 1969-71 Capital Projects

Project	Net Assignable Square Feet (NASF)	Total Cost	Anticipated Non-State Funds	State Funds	Building Efficiency ¹
1. Buildings ²					
Clinical Medicine Centers ³	.....	\$ 6 600 000	—0—	\$ 6 600 000	
College of Dentistry Building, Phase II.....	80 000	10 516 800	\$4 000 000 ⁴	6 516 800	60%
Library of Medical Sciences.....	84 048	9 337 500	2 000 000 ⁴	7 337 500	63%
Subtotal, Buildings.....	(164 048)	(\$26 454 300)	(\$6 000 000)	(\$20 454 300)	
2. Movable Equipment					
1967-69 Buildings.....	...	3 770 000	—0—	3 770 000	
1969-71 Buildings.....	...	525 000	—0—	525 000	
Conversion to color TV.....	...	370 000	—0—	370 000	
3. Planning 1971-73.....	...	1 145 000	—0—	1 145 000	
4. Remodeling, Rehabilitation and Minor Additions..	...	1 785 000	—0—	1 785 000	
5. Protection of Life and Property.....	...	815 000	—0—	815 000	
6. Site Improvements.....	...	35 000	—0—	35 000	
7. Utilities Distribution System.....	...	386 000	—0—	386 000	
	164 048	\$35 285 300	\$6 000 000	\$29 285 300	

¹ The term "building efficiency" refers to the ratio of "net assignable square feet" to "gross square feet" in a building.

² In alphabetical order; not in priority order. Two of these buildings were requested for the 1967-69 biennium.

³ See pages 1063-1064 for a full description of the project.

⁴ Federal Grant from National Institutes of Health.

Table IV. Urbana-Champaign Campus — 1969-71 Capital Projects

<i>Project</i>	<i>Net Assignable Square Feet (NASF)</i>	<i>Total Cost</i>	<i>Anticipated Non-State Funds</i>	<i>State Funds</i>	<i>Building Efficiency¹</i>
1. Buildings ²					
East Chemistry, Second Addition.....	80 612	\$11 024 300	\$ 2 900 000 ^{3,4}	\$ 8 124 300	60%
Engineering Library.....	62 368	5 786 900	1 000 000 ⁵	4 786 900	68%
Law Building Addition.....	54 829	5 301 100	1 650 000 ⁴	3 651 100	64%
Medical Sciences Building.....	60 000	8 308 700	4 000 000 ⁵	4 308 700	60%
Nuclear Reactor Addition.....	12 160	1 447 300	635 000	812 300	60%
Research Animal Holding Facility.....	6 240	787 000	300 000 ⁶	487 000	65%
Speech and Hearing Clinic.....	17 560	2 000 700	800 000 ⁶	1 200 700	60%
Turner Hall Addition.....	56 542	7 028 000	1 100 000 ⁶	5 928 000	60%
Veterinary Medicine Hospital.....	71 641	10 022 800	4 250 000 ⁶	5 772 800	60%
Subtotal, Buildings.....	(421 952)	(\$51 706 800)	(\$16 635 000)	(\$35 071 800)	
2. Power Plant Addition.....	...	3 414 400	—	3 414 400	
3. Land Acquisition.....	...	4 610 000	—	4 610 000	
4. Movable Equipment					
1967-69 Buildings.....	...	2 500 000	—	2 500 000	
1969-71 Buildings.....	...	1 000 000	—	1 000 000	
Conversion to color TV.....	...	240 200	—	240 200	
5. Planning 1971-73.....	...	1 397 600	—	1 397 600	
6. Remodeling, Rehabilitation and Minor Additions	...	3 000 000	—	3 000 000	
7. Protection of Life and Property.....	...	2 329 160	—	2 329 160	
8. Site Improvements.....	...	2 185 250	—	2 185 250	
9. Utilities Distribution System.....	...	3 906 500	—	3 906 500	
Total.....	421 952	\$76 289 910	\$16 635 000	\$59 654 910	

¹ The term "building efficiency" refers to the ratio of "net assignable square feet" to "gross square feet" in a building.² In alphabetical order; not in priority order. Four of these buildings were requested for the 1967-69 biennium.³ National Science Foundation.⁴ Higher Education Facilities Act, Title II.⁵ Higher Education Facilities Act, Title I and Title II.⁶ Public Health Service.

4. To the value given by step (3), an "Illinois Building Authority Contingency" increment of 10 per cent of the estimated project cost was added—to yield a total "Illinois Building Authority Project Budget."
5. The "Illinois Building Authority Project Budget" was then updated to the estimated bid date for the project by using the index table provided by the consultants to the Illinois Building Authority.

Table V. Summary of Funds for the 1969-71 Building Program

<i>Campus</i>	<i>Net Assignable Square Feet</i>	<i>Total Cost</i>	<i>Non-State Funds</i>	<i>State Funds</i>
Chicago Circle.....	490 581	\$ 80 874 749	\$ 3 456 000	\$ 77 418 749
Medical Center.....	164 048	35 285 300	6 000 000	29 285 300
Urbana-Champaign.....	421 952	76 289 910	16 635 000	59 654 910
University Total.....	1 076 581	\$192 449 959	\$26 091 000	\$166 358 959

III. Justification of Requests for Additional Buildings

The proposed increases in enrollment capacity presented in section I represent in summary form the outcomes of educational planning at departmental, college, campus, and University-wide levels. In effect, the figures reflect the collective judgment that the proposed expansion of enrollment capacity for each campus is educationally justified in terms of University objectives and realistic in terms of the needs of the State and nation. The patterns of projected enrollment distributions by levels and fields clearly conform to the University's announced policies and to the Master Plan of the Board of Higher Education.

The buildings listed in Tables II, III, and IV are believed to be necessary to accommodate the enrollment increases specified in Table I. The purpose of the present section is to present quantitative evidence in support of this judgment—by comparing the space needs generated by the expanded enrollment with the space that would be available upon completion of the proposed building program.

In order to determine whether a given request for space is justified, it is necessary to establish standards for the various types of functions involved and to calculate from these standards the amount of space that would be required for the projected enrollments. The University of Illinois has developed space standards for its varied instructional, research, and supporting operations at the Chicago Circle and the Urbana-Champaign campuses—taking into account differences among fields and among educational levels. The development of these standards has involved several years of experimentation, including cross-validation through checks against standards that have been made available by other comparable institutions.

For the programs in the health professions at the Medical Center campus, the space guidelines developed by the United States Public Health Service have been used to measure the space requirements. In addition, comparisons with similar programs at other institutions have been made to the extent that comparable figures could be secured.

In the light of the standards applied at the three campuses, and using procedures developed by the University for projecting space requirements, summary tables have been prepared to show the relationships between estimated space requirements and the space to become available upon completion of the 1969-71 building program. Three tables are presented: Table VI (Chicago Circle campus), Table VII (Medical Center campus), and Table VIII (Urbana-Champaign campus). Each table is arranged to show the following:

1. The space required to accommodate the capacity-enrollment figures included in Table I.
2. The space that is presently available plus what would become available when the buildings approved for the biennium 1967-69 have been completed.
3. The space to be razed.
4. Results of reassignments of space among the various administrative units (gains and losses).
5. The amount of space requested in the 1969-71 building program.

Table VI. Chicago Circle Campus: Status of Space Upon Completion of the 1969-71 Building Program
(All Values in Net Assignable Square Feet)

Program or Function	(1) Space Required for Enrollment Capacity of 1969-71 Capital Budget Request	(2) Space to be Available When Buildings Ap- proved in 1967- 69 Biennium Are Constructed	(3) Space to be Razed	(4) Space Gained (+) or Lost (-) by Reassignment	(5) Space Requested in 1969-71 Budget (See Table II)	(6) Net Amount of Space to be Available	(7) Surplus (+) or Shortage (-) of Space
Administration.....	159 995	111 415	-0-	+13 479	47 120	172 014	+ 12 019
Business Administration.....	28 739	10 477	-0-	-10 477	20 247	20 247	- 8 492
Education.....	35 332	27 083	-0-	+12 715	-0-	39 798	- 4 466
Engineering.....	244 437	145 461	-0-	-10 055	120 227	255 633	+ 11 196
Architecture and Art.....	154 546	127 168	-0-	-28 225	65 479	164 422	+ 9 876
Graduate College.....	9 305	9 358	-0-	-0-	-0-	9 358	+ 53
Liberal Arts and Sciences.....	684 803	550 355	-0-	+88 028	69 836	708 219	+ 23 416
Physical Education.....	246 085	209 398	-0-	-62 086	-0-	147 312	- 98 773
Military Science.....	4 560	5 281	-0-	-0-	-0-	5 281	+ 721
Social Work.....	13 600	19 841	-0-	- 5 247	-0-	14 594	+ 994
Miscellaneous Departments....	12 737	16 717	-0-	- 920	-0-	15 797	+ 3 060
Subtotal A.....	(1 594 139)	(1 232 554)	(-0-)	(- 2 788)	(322 909)	(1 552 675)	(- 41 464)
Classrooms.....	254 462	184 662	-0-	+39 533	30 907	255 102	+ 640
Library.....	333 265	173 205	-0-	-0-	94 723	267 928	- 65 337
Commuter.....	83 885	45 106	-0-	-0-	33 452	78 558	- 5 327
Drill.....	18 000	-0-	-0-	+16 362	-0-	16 362	- 1 638
Inactive.....	34 256	97 833	-0-	-62 474	-0-	35 359	+ 1 103
Physical Plant.....	69 865	75 013	-0-	-0-	-0-	75 013	+ 5 148
Subtotal B.....	(2 387 872)	(1 808 373)	(-0-)	(- 9 367)	(481 991)	(2 280 997)	(-106 875)
Student Service (Union).....	197 728	235 395	-0-	+ 9 367	-0-	244 762	+ 47 034
Health Service.....	4 667	5 027	-0-	-0-	-0-	5 027	+ 360
Museum (NFI).....	1 251	1 251	-0-	-0-	-0-	1 251	-0-
Gym Seating (NFI).....	4 640	4 640	-0-	-0-	-0-	4 640	-0-
Greenhouse.....	15 160	3 790	-0-	-0-	8 590	12 380	- 2 780
Total.....	2 611 318	2 058 476	-0-	-0-	490 581	2 549 057	- 62 261

¹ Included in this column is the total area of the two old buildings (277 216 net assignable square feet) left standing on the Chicago Circle site, which are scheduled for demolition in accordance with an agreement with the City of Chicago. They are being used temporarily for educational purposes.

Table VII. Medical Center Campus: Status of Space Upon Completion of the 1969-71 Building Program
(All Values in Net Assignable Square Feet)

(1)	(2)	(3)	(4)	(5)	(6)	(7)
Program or Function	Space Required for Enrollment Capacity of 1969-71 Capital Budget Request ¹	Space to be Available When Buildings Approved in 1967-69 Biennium Are Constructed	Space to be Razed	Space Gained (+) or Lost (-) by Reassignment	Space Requested in 1969-71 Budget (See Table III) ²	Net Amount of Space to be Available
Administration.....	61 500	60 637	2 317	- 1 324	-0-	4 504
College of Medicine.....	484 000	262 140	-0-	+109 223	-0-	-112 637
College of Dentistry.....	180 836	175 002	-0-	- 74 166	80 000	180 836
College of Nursing.....	86 957	98 560	-0-	-11 603	-0-	-0-
College of Pharmacy.....	110 587	110 587	-0-	+ 1 363	-0-	+ 1 363
Miscellaneous Units ²	58 000	33 056	-0-	- 990	-0-	- 25 934
Subtotal A.....	(981 880)	(739 982)	(2 317)	(+ 22 503)	(80 000)	(840 168)
Classrooms.....	48 598	46 399	-0-	-0-	-0-	- 2 199
Library.....	84 048	22 503	-0-	- 22 503	84 048	84 048
Animal Facilities.....	57 341	57 341	-0-	-0-	-0-	-0-
Archive and Storage.....	75 809	86 327	75 905	-0-	-0-	- 65 387
Physical Plant.....	87 209	40 388	14 166	-0-	-0-	- 60 987
Subtotal B.....	(1 334 885)	(992 940)	(92 388)	-0-	(164 048)	(1 064 600)
Student Services.....	121 569	49 569	-0-	-0-	72 000	121 569
Total.....	1 456 454	1 042 509	92 388	-0-	236 048	1 186 169
						-270 285

¹ Omitted from this table are figures for the Research and Educational Hospitals, which are judged to be inadequate both in quality and quantity of space. Their future, functions and space requirements are under study. Also omitted are the space implications of the establishment of the "Clinical Medicine Centers" listed in Table III.

² Includes the Research Resources Laboratory, Illustration Studios, Division of Service for Crippled Children, and Institute of Tuberculosis Research.

Table VIII. Urbana-Champaign Campus: Status of Space Upon Completion of the 1969-71 Building Program
(All Values in Net Assignable Square Feet)

Program or Function	(1) Space Required for Enrollment Capacity of 1969-71 Capital Budget Request	(2) Space to be Available When Buildings Approved in 1967-69 Biennium Are Constructed	(3) Space to be Razed	(4) Space Gained (+) or Lost (-) by Reassignment	(5) Space Requested in 1969-71 Budget (See Table IV)	(6) Net Amount of Space to be Available	(7) Surplus (+) or Shortage (-) of Space
Administration.....	302 590	258 541	6 443	+12 241	-0-	264 339	- 38 251
Agriculture.....	421 830	400 081	1 556	-28 063	56 542	427 004	+ 5 174
Commerce.....	47 409	48 744	-0-	-0-	-0-	48 744	+ 1 335
Education.....	104 900	85 483	-0-	-0-	-0-	85 483	+ 19 417
Engineering.....	937 799	899 995	-0-	-0-	15 295	915 290	- 22 509
Fine and Applied Arts.....	282 031	249 010	5 231	- 9 183	-0-	234 596	- 47 435
Graduate College.....	81 546	76 213	-0-	-0-	7 940	84 153	+ 2 607
Communications.....	33 734	29 971	-0-	+ 2 000	-0-	31 971	+ 1 763
Law.....	26 529	14 834	-0-	-0-	20 631	35 465	+ 8 936
Liberal Arts and Sciences.....	954 528	871 644	9 892	- 9 971	74 881	926 662	- 27 866
Medical Sciences.....	60 000	-0-	-0-	-0-	60 000	60 000	-0-
Physical Education.....	312 640	328 233	-0-	-0-	-0-	328 233	+ 15 593
University Extension.....	23 038	19 388	-0-	+ 3 995	-0-	23 383	+ 345
Veterinary Medicine.....	187 539	111 793	9 609	-0-	69 141	171 325	- 16 214
Military Science.....	22 030	22 406	-0-	-0-	-0-	22 406	+ 376
Miscellaneous Units.....	24 023	21 995	-0-	-0-	733	22 728	- 1 295
General University (Armory Floor).....	73 922	73 922	-0-	-0-	-0-	73 922	-0-
Subtotal A.....	(3 896 088)	(3 512 253)	(32 731)	(-28 981)	(305 163)	(3 755 704)	(-140 384)
Classroom.....	322 509	335 777	-0-	- 2 920	9 800	342 657	+ 20 148
Library.....	821 264	544 087	-0-	- 9 335	99 007	633 759	-187 505
Commons.....	47 810	39 554	294	-0-	3 477	42 737	- 5 073
Inactive-Remodeling.....	72 323	51 984	-0-	+36 452	-0-	88 436	+ 16 113
Physical Plant.....	212 952	165 523	-0-	-0-	-0-	165 523	- 47 429
Subtotal B.....	(5 372 946)	(4 649 178)	(33 025)	(- 4 784)	(417 447)	(5 028 816)	(-344 130)
Student Services.....	274 544	168 753	-0-	-0-	-0-	168 753	-105 791
Hospital.....	49 917	36 906	-0-	-0-	-0-	36 906	- 13 011
Lab School.....	39 875	39 875	-0-	-0-	-0-	39 875	-0-
Museum.....	41 786	41 786	-0-	-0-	-0-	41 786	-0-
Gym (NFI).....	119 676	119 676	-0-	-0-	-0-	119 676	-0-
Auditorium (NFI).....	288 925	288 925	-0-	-0-	4 505	293 430	+ 4 505
Athletic Association.....	108 890	108 890	-0-	-0-	-0-	108 890	-0-
Quasi-University.....	161 296	161 296	3 523	+ 4 784	-0-	162 557	+ 1 261
Total.....	6 457 855	5 615 285	36 548	-0-	421 952	6 000 689	-457 166

6. The net amount of space (including existing and programmed space) to become available upon completion of the 1969-71 building program.
7. The net status of space required relative to space to be available (upon completion of the 1969-71 building program).

The results of the space "audit" presented in Tables VI, VII, and VIII may be briefly summarized as follows:

Chicago Circle Campus. A shortage of 62,261 net assignable square feet would exist if the proposed 1969-71 building program were completed and total enrollment at the campus reached 25,000 students. This deficit would be an overall figure, including the space required for academic units, administration, student services, health services, museums, and gymnasiums. A shortage of 106,875 net assignable square feet would exist if only the space requirements of the academic and administrative units were considered. Stated another way, the Chicago Circle campus would have approximately 95 per cent of the academic space required for the capacity enrollment of 25,000 students as projected in Table I. It should be noted, however, that the shortage would be increased by 277,216 net assignable square feet if and when the two temporary buildings are demolished.

Medical Center Campus. A shortage of 270,285 net assignable square feet would exist at this campus, if the projected needs were measured by the space standards established by the United States Public Health Service. About 40 per cent of the total deficit would be in the College of Medicine.

Urbana-Champaign Campus. An overall shortage of 457,166 net assignable square feet would exist at this campus, if enrollment were expanded as projected and if the proposed 1969-71 building program were to be completed. In sum, the Urbana-Champaign campus would have approximately 93.5 per cent of the space required by the University's standards for the projected capacity enrollment of 34,260 students.

In sum, the results of these space "audits" indicate that the total amount of additional building space proposed for the 1969-71 capital budget is more than justified by the proposed expansion of enrollments at the three campuses.

IV. Chicago Circle Campus: Capital Program for 1969-71

Six of the eight building projects in the present list were included in the University's capital request for 1967-69; but five of them were not approved by the Board of Higher Education, and an additional one was approved by the Board but omitted from the Governor's capital budget.

It should be recognized that the proposed buildings would not be completed and occupied until sometime during the academic year 1972-73, and those for which funds for complete architectural services were not available might be delayed even longer. There can be little question about the enrollment demand in the Chicago area for all of the programs involved — at the levels projected in Table I.

In the following pages, the individual projects listed in Table II are described in some detail, and their relationships to the overall educational program of the campus are indicated.

Architecture and Art Addition

Estimated total cost.....	\$7 411 500
State funds.....	(\$7 161 500)
Non-State funds.....	(\$ 250 000)
Gross square feet.....	114 885
Net assignable square feet.....	68 931
Building efficiency.....	60%

The first stage of the Architecture and Art Laboratories is now nearing completion, and this proposed addition was requested by the University, but not funded in the 1967-69 biennium. Thus, the delay of the original unit until Phase II of the Chicago Circle building program and the failure to construct the first addition in Phase III (the 1967-69 request) have sharply curtailed the enrollment growth of the Departments of Architecture and Art.

This addition is the first of two required to complete the total building as originally planned for the College of Architecture and Art. Included in this phase will be additional instructional laboratories required to round out the undergrad-

uate programs and to permit the initiation of graduate study by these departments. Also provided in this facility are the staff and administrative offices of the College.

At present the College of Architecture and Art is housed in temporary, sub-standard quarters, and the first unit of its new building will house only part of the staff and programs of the College. It is highly important that the College of Architecture and Art be provided with adequate facilities in order that it may meet the growing demand for admission. Otherwise, there will be increasing imbalance in the program of the campus and failure on the part of the University to make its proper contribution to the cultural life of the Chicago area. Furthermore, since the Department of Architecture is actively concerned with problems of urban planning and development, with suitable facilities it would be able to add to its faculty and to contribute more effectively to the urban mission of this campus.

The types and amounts of space are as follows:

NASF by Building Block

<i>Administrative Unit</i>	<i>Instructional Laboratories</i>	<i>Offices</i>	<i>Research</i>	<i>Archive and Storage</i>	<i>Commuter</i>	<i>Total</i>
College of Architecture and Art.....	31 280	24 317	8 550	1 332	.....	65 479
General University .....	.....	.....	.....	.....	3 452	3 452
Total.....	31 280	24 317	8 550	1 332	3 452	68 931

Classroom-Office Building

Estimated total cost.....	\$4 470 500
State funds.....	(\$4 364 500)
Non-State funds.....	(\$ 106 000)
Gross square feet.....	76 182
Net assignable square feet.....	45 709
Building efficiency.....	60%

In part, this project involves the construction of facilities uniquely designed for the programs conducted by the College of Business Administration. It will include offices for faculty, nonacademic staff, and administrative personnel, as well as unique teaching facilities required by the College.

The building will provide the College with an identity that will facilitate its relationships with the business and financial community of the greater Chicago area — including the placement of its graduates and more effective interaction with its faculty.

The building will also serve partly as a general classroom building. Although some of the classrooms will be specially designed to meet the needs of the College of Business Administration, others will add to the central pool of classrooms that are held for campus-wide use and are required for the increased enrollment anticipated.

The construction of this facility and its occupancy by the College of Business Administration will make possible the release of space in University Hall to the humanities departments in the College of Liberal Arts and Sciences.

The types and amounts of space are as follows:

NASF by Building Block

<i>Administrative Unit</i>	<i>Instructional Laboratories</i>	<i>Offices</i>	<i>Research</i>	<i>Classrooms</i>	<i>Commuter</i>	<i>Total</i>
Business Administration...	732	18 686	829	.....	.....	20 247
General University .....	.....	.....	...	18 462	7 000	25 462
Total.....	732	18 686	829	18 462	7 000	45 709

Library Addition

Estimated total cost.....	\$9 873 500
State funds.....	(\$8 873 500)
Non-State funds.....	(\$1 000 000)

Gross square feet.....	135 319
Net assignable square feet.....	94 723
Building efficiency	70%

This project was included in the 1967-69 capital request, but was not approved for funding. The scope of the Library Addition has increased beyond that proposed in the 1967-69 request, reflecting the continuing shift of enrollment toward upper-division and graduate levels. As now proposed, this project would complete the main Library as originally conceived. The total structure would then seat approximately 25 per cent of the 22,000 students anticipated in 1972-73, as well as provide stack space for graduate and undergraduate collections, maps, document collections, technical service staff, faculty research, and graduate carrels. The stack space capacity in the Library upon completion of this addition would be about 1,000,000 volumes.

The types and amounts of space are as follows:

<i>Type of Space</i>	<i>Net Assignable Square Feet</i>
Stack and material space.....	27 393
Reader space	45 430
Staff and service space.....	21 900
Total.....	94 723

Plant Research Laboratory

Estimated total cost (State funds).....	\$643 500
Gross square feet.....	11 851
Net assignable square feet.....	8 590
Building efficiency	72%

The first phase of the Plant Research Laboratory was funded in the biennium 1965-67. A larger facility was included in the 1967-69 request, but funds were not appropriated. The project has been increased in size to provide the additional greenhouse space needed for both graduate and undergraduate programs in the plant sciences. Specimens for use in undergraduate instructional laboratories will be grown in part of the facility; the remainder will provide plant-growth space for graduate and faculty research in the various fields of plant science. Present greenhouse space is entirely inadequate.

The types and amounts of space in the facility are as follows:

<i>Administrative Unit</i>	<i>NASF by Building Block</i>		
	<i>Research Laboratories</i>	<i>Greenhouse Space</i>	<i>Total</i>
Biological Sciences.....	880	7 710	8 590

Science and Engineering, South Addition (Engineering)

Estimated total cost.....	\$16 707 100
State funds	(\$15 707 100)
Non-State funds.....	(\$ 1 000 000)
Gross square feet.....	200 378
Net assignable square feet.....	120 227
Building efficiency	60%

Funds for the engineering unit were requested for the present biennium, but were not approved by the Board of Higher Education.

The construction of this addition will make possible both an increase in undergraduate enrollment and the expansion of study in engineering parallel to that for the sciences in the 1967-69 biennium.

The engineering addition to this laboratory complex will be an extension of the present building, and will provide the engineering offices and research laboratories that were not approved by the Board of Higher Education in its review of the University's 1967-69 capital request.

This project is crucial to the continuing development of both undergraduate and graduate engineering at the Chicago Circle campus. These engineering laboratories will provide a unique opportunity for students of the Chicago area to pursue their education in this field—especially at the graduate level. The field of engi-

neering has become progressively more research-oriented, and graduate education has increasingly come to be required of engineers. As the only State-supported institution in the Chicago area offering engineering education, it is imperative that the University's facilities in this field keep pace with the demands from area students and with the engineering needs of the urban society in general.

The types and amounts of space are as follows:

<i>NASF by Building Block</i>					
<i>Administrative Unit</i>	<i>Offices</i>	<i>Research</i>	<i>Archive and Storage</i>	<i>Total</i>	
Bioengineering.....	3 561	.....	719	4 280	
Energy Engineering.....	9 841	29 554	2 622	42 017	
Materials Engineering.....	18 199	28 891	3 354	50 444	
Systems Engineering.....	9 592	.....	546	10 138	
Business Office (scientific stores).....	.....	.....	13 348	13 348	
Total.....	41 193	58 445	20 589	120 227	

Science and Engineering, South Addition (LAS-Sciences)

Estimated total cost.....	\$10 353 400
State funds.....	(\$ 9 353 400)
Non-State funds.....	(\$ 1 000 000)
Gross square feet.....	116 393
Net assignable square feet.....	69 836
Building efficiency.....	60%

The LAS sciences addition would be an extension of the present science and Engineering building and would provide additional laboratory and office space. A doctoral program in chemistry has been approved by the Illinois Board of Higher Education, and it is expected that similar programs in the biological sciences and in physics will be submitted to the Board of Higher Education for consideration next fall. The space is needed primarily to accommodate the expansion involved in these graduate programs.

It is to be noted that the National Science Foundation has recently awarded the Department of Chemistry a development grant of over half a million dollars to stimulate the growth of the department. Only with the space requested can the fullest advantage be taken of the benefits of his grant.

The types and amounts of space are as follows:

<i>NASF by Building Block</i>					
<i>Administrative Unit</i>	<i>Instruc- tional Lab- oratories</i>	<i>Offices</i>	<i>Research</i>	<i>Archive and Storage</i>	<i>Total</i>
Biological Sciences.....	2 136	3 453	9 989	7 171	22 749
Chemistry.....	8 969	11 896	8 661	7 744	37 270
Geology.....	.....	.....	.....	1 063	1 063
Physics.....	.....	.....	5 136	3 618	8 754
Total.....	11 105	15 349	23 786	19 596	69 836

Science and Engineering, South Addition (Classroom-Study Space)

Estimated total cost.....	\$2 413 500
State funds.....	(\$2 313 500)
Non-State funds.....	(\$ 100 000)
Gross square feet.....	45 745
Net assignable square feet.....	27 445
Building efficiency.....	60%

The classroom addition to this building complex will be located centrally, contiguous to the existing classrooms. Together with the classrooms included in the proposed Classroom-Office Building, this part of the addition will provide all of the additional classrooms required for the projected enrollment capacity.

A critical need at a commuter campus is for space in which students may study between classes. The Library and the Chicago Circle Center are two places that serve this purpose; but the amount of space available in these buildings is far from being sufficient to meet the needs of the rapidly-growing enrollment. Furthermore,

with the development of the Science and Engineering Laboratories south of Taylor Street, it is essential that study space be provided for students in that area of the campus.

The type and amounts of space are as follows:

<i>Type of Space</i>	<i>Net Assignable Square Feet</i>
Classroom.....	12 445
Study space	15 000
Total.....	27 445

Student Services Building

Estimated total cost (State funds).....	\$5 667 600
Gross square feet.....	91 867
Net assignable square feet.....	55 120
Building efficiency	60%

Funds for this building were approved by the Board of Higher Education for inclusion in the University's 1967-69 capital budget but were not appropriated.

Construction of this building would release space in University Hall for the additional offices required for faculty and nonacademic staff in the humanities departments. These departments include the foreign languages, English, history, and philosophy — all of which require primarily office space and conference rooms.

Situated at the gateway to the Chicago Circle campus, and most immediately accessible to public transportation, the Student Services Building will house many of the facilities directly related to campus-wide services. Included are the Office of Student Affairs, the Business Office, the Office of Nonacademic Personnel, the Statistical Service Unit, the Credit Union, and University Extension.

Bringing these units together in one building would improve the efficiency of their varied operations, since interchange of material and information among them is most essential.

The types and amounts of space in the Student Services Building are as follows:

NASF by Building Block

<i>Administrative Unit</i>	<i>Offices</i>	<i>Computer Laboratory</i>	<i>Commuter</i>	<i>Total</i>
Business Office.....	15 042	.....	.....	15 042
Auditing Division.....	1 333	.....	.....	1 333
Nonacademic Personnel.....	8 001	.....	.....	8 001
Student Affairs.....	9 888	.....	.....	9 888
General University.....	.....	.....	8 000	8 000
Statistical Service Unit.....	6 061	1 000	.....	7 061
Credit Union.....	300	.....	.....	300
University Extension.....	5 495	.....	.....	5 495
Total.....	46 120	1 000	8 000	55 120

Other Capital Projects

<i>Power Plant Addition.....</i>	<i>\$1 714 000</i>
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The additional heating capacity required for Phase IV buildings will necessitate constructing an addition to the Utilities Building and installing an additional boiler. It is estimated that Phase IV will produce the following additional heating loads:

<i>Building</i>	<i>1000 Btu/hr</i>
Architecture and Art Addition.....	6 833
Classroom-Office Building.....	3 714
Library Addition	3 256
Science and Engineering, South Addition.....	68 027
Student Services Building.....	4 479
Total.....	86 309

The additional boiler will bring the firm capacity for the heating plant to 300 million Btu/hr, with 297 million Btu/hr required. The cooling loads required for Phase IV buildings (except Science and Engineering, South Addition) can be

handled within the existing cooling capacity at the central utilities building. The cooling requirements for the Science and Engineering, South Addition, will be met by equipment installed in the building.

Land Acquisition \$4 110 000

The development of a new academic program in the performing arts is proposed for the Chicago Circle campus. Preliminary architectural studies indicate that the projected facilities would require the acquisition of approximately 16 acres of land for the buildings, plus surface parking for approximately 800 cars.

The total capital cost, exclusive of land acquisition, will be financed from gifts. As the donors will not provide funds for land acquisition, a State appropriation will be required if this gift is to be accepted and the program developed.

The land will be purchased with the assistance of the City of Chicago under its urban renewal program.

Movable Equipment \$8 760 799

1967-69 buildings (\$3,270,188). Funds are requested to complete the equipping of buildings funded in the 1967-69 biennium. Capital appropriations for the 1967-69 biennium did not include any funds for movable equipment except for buildings scheduled to be substantially completed by September 1969. A summary of the movable-equipment funds requested for the 1967-69 buildings is shown below:

<i>Project</i>	<i>Total Cost of Movable Equipment</i>	<i>Funded in 1967-69 Biennium</i>	<i>Requested for 1969-71 Biennium</i>
Education and Communications Building.....	\$ 769 705	.....	\$ 769 705
Science and Engineering, Phase I.....	5 760 985	\$3 440 000	2 320 985
Behavioral Sciences Building.....	1 379 498	1 200 000	179 498
Total.....	\$7 910 188	\$4 640 000	\$3 270 188

1969-71 buildings (\$5,185,181). Funds are requested only to the extent that the buildings of the 1969-71 biennium will be completed and ready for occupancy in September 1971. The balance of the movable equipment required will be requested in the 1971-73 biennium. The following is a summary of the movable equipment funds requested for the proposed 1969-71 buildings:

<i>Project</i>	<i>Total Cost of Movable Equipment</i>	<i>Deferred to 1971-73 Biennium</i>	<i>Requested in 1969-71 Biennium</i>
Architecture and Art Addition.....	\$ 738 155	.....	\$ 738 155
Classroom-Office Building.....	274 662	.....	274 662
Library Addition.....	687 505	\$ 654 535	32 970
Science and Engineering, South Addition			
Engineering.....	4 419 899	756 928	3 662 971
LAS-Sciences.....	2 056 132	2 000 000	56 132
Classroom-Study.....	93 752	61 022	32 730
Student Services Building.....	387 561	.....	387 561
Total.....	\$8 657 666	\$3 472 485	\$5 185 181

Conversion to color television (\$305,430). Funds are requested in order to convert the television production facilities from black-white to color capability. The major portion of the funds requested (\$235,430) will be needed for new color equipment for the color studio conversion, for what is known as a color film chain, and for conversion of the master control room, with the remainder (\$70,000) required for color upgrading of the videorecorders.

The emphasis at Chicago Circle is on campus instruction and public information by way of taped programs carried over non-University channels. Television is used for closed-circuit distribution of televised lessons, and public information programs are produced for Chicago and other area stations which are restricting their outside sources to only color materials. In addition, through the Department of Speech students are prepared in the mass communications program. These students cannot be properly trained for present and future careers unless the University has the color equipment that is now standard for the industry.

Planning 1971-73 \$1 685 000

Based on the enrollment projections approved to date for planning purposes, and the preliminary space projections developed by the Office of Space Utilization, approximately 391,000 net assignable square feet of space would need to be constructed during Phase V in the 1971-73 biennium.

Based on estimates using cost-escalation assumptions developed by the cost consultant selected by the Illinois Building Authority, it is estimated that the architectural costs for this amount of construction would be \$1,685,000, including working drawings.

Remodeling and Building Improvement..... \$3 850 150

This item is the sum of the cost estimates for two major subcategories: building remodeling and building improvement.

Remodeling (\$1,939,820). The first of these, *building remodeling*, is related to the further upgrading of temporary buildings previously acquired, namely, the Roosevelt Road Building, the Racine Avenue Building, and the Sangamon Street Building. The space in these buildings has been pressed into temporary service for the educational programs of architecture, art, music, and physical education. Upon activation of the Architecture and Art Laboratories Building (Phase II), the Physical Education Building (Phase III), and the Education and Communications Building (Phase III), most of this otherwise unsuitable space will be vacated. If the projected levels of enrollment in 1970, 1971, 1973, and 1974 are to be met, the vacated space in these temporary structures will be used primarily as office space. To do so requires additional remodeling beyond what was accomplished with the 1967-69 appropriation. The annual amortization of these buildings including the remodeling is very much less than the rental costs of space in the neighborhood.

Building improvements (\$1,910,330). This item would provide funds: for the modifications required in existing new buildings due to changes in space assignments as units are moved from temporary into permanent quarters; for a security system, which will provide for centralized surveillance of all buildings and special surveillance of sensitive areas such as the Library Rare Books Collection, certain administrative offices, and areas containing valuable equipment; for the alteration of certain mechanical equipment to allow for remote monitoring and operation, thus enabling a reduction of operating costs; and for the interior building graphics.

Protection of Life and Property..... \$573 900

This item is based upon the recommendation of the Committee on Safety and Fire Prevention. The funds would provide overpressure protection to the building heating systems.

Site Improvements..... \$1 487 500

The site improvements to be funded by this item include the necessary sidewalks, fire-protection system, exterior lighting, lawn-watering system, landscaping, and drainage for the site to be acquired for the Physical Education Building and playing field. The item would also provide funds for the construction of tennis courts, outdoor track-and-field facilities, and baseball and football fields. The following are tentative estimates of cost:

Sidewalks and service drives.....	\$ 62 700
Fire protection services.....	25 000
Exterior lighting	15 100
Lawn-watering system	41 790
Playing fields.....	675 800
Landscape.....	27 100
Drainage	33 870
Total.....	\$881 360

In addition, site improvements are needed in the following areas on the existing campus:

Extend basement area, University Hall.....	\$183 000
Miscellaneous site improvements.....	12 500
Landscape adjacent to Parking Lot 5.....	6 710
Landscape library, Stevenson Hall.....	25 160
Landscape Phase IV buildings.....	77 170
Architecture and art plaza.....	301 600
Total.....	\$606 140

Utilities Distribution System..... \$1 152 800

Heating and air-conditioning are supplied from the Utilities Building to all Phase I, II, and III buildings through an underground distribution system. Electrical power is also supplied through this distribution system.

The proposed construction of the Student Services Building and the Classroom-Office Building (both to be located on the tract of land bordered by Morgan, Harrison, the Eisenhower Expressway, and the walkway ramp) will require modification and extension of the present utilities distribution system.

V. Medical Center Campus: Capital Program for 1969-71

Two of the three buildings in the Medical Center's 1969-71 building program were included in the University's preceding (1967-69) capital request: the Library Building and Phase II of the Dentistry Building.

In terms of general value both to other units at the Medical Center campus and to the entire Medical Center community, the Library Building deserves the very highest priority. The entire educational and professional enterprise in the area suffers because of the appallingly inadequate library facilities at that campus.

The nature and purposes of the new facilities requested for dentistry and medicine are fully described in the following pages. As already noted, the justification for them has been presented in the *Report on Education in the Health Fields*.

Clinical Medicine Centers

Planning and Construction Costs (State Funds)..... \$6 600 000¹

The University of Illinois proposes to begin the implementation of the recommendations in the Board of Higher Education's *Report on Education in the Health Fields* in the biennium 1969-71. The expansion of enrollment for the M.D. degree will have top priority in this program, together with the concurrent establishment of regional clinical centers for postdoctoral training (internship-residency and continuing education).

The first step will be the establishment of a semi-autonomous "school" within the College of Medicine, whose first-year professional class of 100 students would be enrolled for instruction in the basic medical sciences at the Urbana-Champaign campus. (Funds for the construction of a facility to house this work are being requested elsewhere in this document.) After the first medical year at the Urbana-Champaign campus, the students would be transferred to clinical training centers to be developed by the University of Illinois in one or more of the regions designated in the *Report on Education in the Health Fields*.

The purpose of the present request for the sum of \$6,600,000 would be to plan and construct the facilities needed in these clinical centers for the education of 100 sophomore, 100 junior, and 100 senior medical students. This sum would be the amount allowed under the budget formula adopted by the Board of Higher Education at its meeting on June 4, 1968, in accordance with the following calculations:

20 students @ \$50,000 per student.....	\$1 000 000
280 students @ \$20,000 per student.....	5 600 000
Total.....	\$6 600 000

Several stages in the planning of these clinical facilities would be necessary before construction could begin. First, discussions must be held with selected hospitals concerning the terms of affiliation agreements covering the types of training to be developed, the administrative arrangements, and University-hospital relationships involving faculty membership and educational policies. The transformation of hospitals devoted primarily to health care into institutions serving also the purposes of professional medical education is a complex task, requiring careful delineation of the respective missions of the two types of institutions and explicit formulation of the policies and procedures governing their interrelations in the joint enterprise.

The detailed educational program for the clinical centers would then be developed, and the staff and special facilities required would be determined. Only after these matters have been settled would it be possible to spell out the specific requirements for the additional or remodeled space that would be needed for educational purposes.

¹ Efforts would be made to secure all available federal funds for this program — either to replace or to supplement State funds, depending on the total cost as finally determined.

The University assumes that funds from the formula grant would be used first for program planning and design studies necessary for securing estimates of construction and remodeling costs. A report would then be made to the Board of Higher Education outlining the plans and requesting approval of the use of funds for construction and equipment. It is assumed also that prior to submitting requests for the approval of the expenditure of funds for construction, the proposed educational program would have been sent to the Board of Higher Education for review and approval.

The University wishes to emphasize that there can be no guarantee that the amount requested above under the "clinical-center" formula would be sufficient to provide the facilities needed for satisfactory clinical education of 300 medical students—even with the addition of whatever matching federal funds might be secured. Only after detailed plans have been developed with the hospitals involved will it be possible to determine with precision what the costs will be. Every effort would be made, however, to achieve maximal economies in the use of the funds—consistent with the maintenance of adequate standards of quality in all aspects of the program.

College of Dentistry Building, Phase II

Estimated total cost.....	\$10 516 800
State funds.....	(\$ 6 516 800)
Non-State funds.....	(\$ 4 000 000)
Gross square feet.....	133 333
Net assignable square feet.....	80 000
Building efficiency	60%

The program for construction of the second phase of the College of Dentistry Building is a continuation of the program initiated with the approval of Phase I construction in the 1967-69 capital request. Funds for constructing what are now called Phases I and II were requested for the 1967-69 capital budget, but the Board of Higher Education approved only Phase I.

Phase I provides facilities for a professional program of 130 entering dental students (an increase of 31) plus a class of 50 dental assistants. But specialty training, graduate study, and research functions must be temporarily housed in existing space needed by the College of Medicine.

Phase II would provide facilities for a further expansion of the professional ("undergraduate") dental program and for the initiation of training programs in dental technology and dental hygiene. Furthermore, it would permit the relocation and expansion of all specialty training, graduate study, and research activities conducted by the College of Dentistry. The size of the undergraduate dental class will be increased by an additional 35 students to a total of 165 entering students. Two-year programs in dental technology and dental hygiene will have beginning classes of 25 students each; and postgraduate and graduate enrollments will be doubled to give a total of 120 students at these advanced levels. The combined construction programs for Phases I and II will provide complete facilities for a comprehensive dental education program of the size projected herein and will allow for the orderly redistribution of vacated space to the College of Medicine for program development and expansion long deferred due to insufficient facilities.

Meantime, the *Report on Education in the Health Fields*, adopted by the Illinois Board of Higher Education on June 4, 1968, recommends that "the annual number of graduates of the University of Illinois College of Dentistry should be increased by 125 by the year 1980." The completion of Phase II, now requested, would represent a further step towards this goal, but additional construction beyond Phase II would obviously be required to reach it.

Phase II of the College of Dentistry Building has been programmed to provide the following types and amounts of space:

Type of Space	Net Assignable Square Feet
Undergraduate laboratories.....	3 600
Undergraduate clinics.....	10 080
Paradental laboratories.....	4 930
Paradental clinics.....	2 100
Graduate and specialty clinics.....	12 320
Postgraduate laboratories.....	5 220

Graduate laboratories	7 500
Research laboratories	14 400
Offices	10 800
Patient waiting areas	1 200
Lockers	1 310
Commons	1 155
Special areas	5 385
Total	80 000

The building addition has been planned to accommodate the following enrollment *increases* (to bring the College's total enrollment to 905) :

1st year dental	35
2nd year dental	30
3rd year dental	32
4th year dental	32
Paradental	92
Graduate and postgraduate	60
Total	281

Upon completion of Phase II construction, the College of Dentistry will vacate all remaining space in existing buildings totaling about 35,000 net square feet. This space will be reassigned to the College of Medicine.

Library of Medical Sciences

Estimated total cost	\$9 337 500
State funds	(\$7 337 500)
Non-State funds	(\$2 000 000)
Gross square feet	134 000
Net assignable square feet	84 048
Building efficiency	63%

The University's request for a library facility was approved by the Illinois Board of Higher Education for funding in the 1967-69 biennium, but the project was subsequently omitted from the Governor's budget.

The Library of Medical Sciences represents one of the most valuable resources in health education and health care possessed by the State. In spite of its value, the potential contribution of this function to health-science education and research has been restricted by extremely inadequate physical facilities for library materials, users, and staff. This view is supported by the following comment in the *Report on Education in the Health Fields* adopted by the Illinois Board of Higher Education on June 4, 1968: "The need for adequate library facilities and resources for each institution in which health education is being conducted cannot be overstated. Current facilities are far from adequate."

As expressed in a recent examiners' report to the national education council of one college, the Library's "effectiveness is largely lost due to inadequacy in space both for housing books and periodicals, for strategically-located library personnel, and for adequate reading table space." The report continues: "In the judgment of the examiners, this is the most serious physical need for the College and it would appear likely to be one of considerable urgency for the entire health professions complex."

Since 1941, efforts have been made to improve this situation, but with little success. Recently, the acute shortage of space required the installation of book-stacks in scarce reader space and the relocation of some functions to remote, temporary locations.

The Library of Medical Sciences is acutely aware of the growing expectations for health information systems at the local, State, and national levels. The program for new facilities provides a capability for development in this area, as well as providing for the essential housing of materials, users, and staff.

The program calls for the construction of 84,048 net square feet of space to accommodate the projected needs resulting from program expansions in all health fields and a phased development for information systems.

The Library of Medical Sciences has been programmed to provide the following types and amounts of space :

<i>Type of Space</i>	<i>Net Assignable Square Feet</i>
Stacks and materials space.....	34 038
Reader and user space.....	36 000
Staff and service space.....	14 010
Total.....	84 048

The Library is planned to provide informational services to the following projected campus population in 1980:

Students (Headcount)

Professional students	3 877
Postgraduate students.....	370
Graduate students.....	1 159
Total Students	5 406

Staff

Academic staff.....	1 370
Nonacademic staff	5 170
Total Staff.....	6 540

The building has been planned to accommodate the following:

Book and non-book materials.....	308 380 Volumes
Reader and user capacity.....	1 200
Staff.....	49

Upon completion of the Library Building, all existing library space will be vacated and reassigned. Approximately 15,000 net square feet of space adjacent to the College of Medicine will be reassigned to that College.

Temporary space occupied by the Library in the old Chicago Illini Union Building will be reassigned for administrative offices.

Other Capital Projects

Movable Equipment..... \$4 665 000

1967-69 buildings (\$3,770,000). Funds are requested to complete the equipping of buildings approved for construction during the 1967-69 biennium. Capital appropriations for the last biennium did not include movable-equipment allocations for approved buildings, except for funds required to match anticipated federal grants. The following figures summarize the movable-equipment funds requested for the 1967-69 buildings, with breakdowns showing the amounts needed in 1967-69 and in 1969-71:

<i>Project</i>	<i>Total Cost of Movable Equipment</i>	<i>Funded in 1967-69 Biennium</i>	<i>Other Funding</i>	<i>Requested for 1969-71 Biennium</i>
Dentistry, Phase I.....	\$2 260 000	\$200 000	.....	\$2 060 000
Nursing Building.....	950 000	35 000	\$385 000 ¹	530 000
Medical Research Laboratory.....	680 000	40 000	.....	640 000
Office Building.....	555 000	15 000	.....	540 000
Total.....	\$4 445 000	\$290 000	\$385 000	\$3 770 000

1969-71 buildings (\$525,000). Funds are requested only to the extent needed to match anticipated federal grants for movable equipment for the College of Dentistry Building and the Library Building. The balance of the movable-equipment funds will not be needed until the 1971-73 biennium. The following figures show the total needed and the proposed distribution of funds for 1969-71 and 1971-73:

<i>Project</i>	<i>Total Cost of Movable Equipment</i>	<i>Deferred to 1971-73 Biennium</i>	<i>Requested for 1969-71 Biennium</i>
Library.....	\$ 485 000	\$ 360 000	\$125 000
Dentistry, Phase II.....	2 050 000	1 650 000	400 000
Total.....	\$2 535 000	\$2 010 000	\$525 000

¹ \$182,000 from federal funds plus \$203,000 from Seventy-fourth General Assembly funds, reappropriated.

Conversion to color television (\$370,000). Funds are requested to provide the capability for color-television production, for instruction as well as for public service activities. The major portion of the funds requested (\$345,000) will be needed for new color equipment, with the remainder (\$25,000) required for upgrading existing "black-and-white" equipment. Color is universally accepted as the highly desirable medium for television instruction in medicine and the related health sciences and professions. Televised instruction of surgical procedures in color adds important educational realism which is absent when shown only in black and white. Significant health-related information now televised to the public in black and white by commercial stations will be lost as these stations change to color only, unless the taped programs can be presented to the station in color.

Planning 1971-73 \$1 145 000

Funds are requested to provide consultation, architectural, and engineering services for projects essential to the development of the programs at the Medical Center campus. These projects include hospital construction and remodeling, re-modeling of space to be vacated by the College of Dentistry, building-equipment automation and air-conditioning, and continuation of campus master planning.

Research and Educational Hospitals (\$650,000). The Hospital Planning Council for Metropolitan Chicago has recently issued a document entitled "Structural and Functional Obsolescence Report: University of Illinois Research and Educational Hospitals," which attests to the substandard conditions that exist throughout most of these buildings. The report presents what the University considers to be a very conservative estimate of \$15,831,444 for the remodeling and modernization necessary "to eliminate structural and functional obsolescence." The changes proposed might well be sufficient to bring the Hospitals up to acceptable standards as a "community hospital," but such modernization would not enable the facility to meet the rigorous architectural and technological requirements of a modern "research and educational hospital." Hence, the University requests the sum of \$650,000 with which to: (a) conduct a systematic study of the role and functions of its Hospitals within the Medical Center, the Chicago metropolitan area, and the State; (b) develop the concept and a detailed program for a hospital complex that would enable the University adequately to discharge its teaching and research responsibilities; (c) develop architectural plans for remodeling and new construction in sufficient detail to be submitted to federal agencies with applications for matching grants.

Plans for remodeling space to be vacated by the College of Dentistry (\$290,000). This space will not be available for remodeling until the College of Dentistry can occupy the first phase of its new facilities, which are scheduled to be completed near the end of the calendar year 1970. The funds requested herein will provide for architectural services required to prepare the project for bidding at the beginning of the 1971-73 biennium. The remodeled space will be allocated to the College of Medicine, which has acute needs that can thus be met at a cost substantially less than that for new construction.

Modernization plans for utility systems (\$175,000). Complete engineering services are requested to prepare plans for automation of building equipment and centralized air-conditioning systems. This utility planning will substantially reduce long-range capital and operating costs.

Campus master-plan studies (\$30,000). Funds are also requested to continue studies of the long-range campus plan to permit effective integration of complex educational, research, and service functions conducted at the Medical Center campus. The funds requested will provide consulting services to expand and update the campus master plan.

Remodeling, Rehabilitation, and Minor Additions \$1 785 000

The major portion of these funds are requested for remodeling space to be vacated by the College of Nursing, and for administrative offices which will be reassigned to the College of Medicine. Approximately 100,000 net square feet of existing building space will become available to the College of Medicine in two phases. The first phase of remodeling will provide about 32,000 net square feet at a cost substantially less than new construction.

Included in the request are remodeling projects for the Research and Educational Hospitals: space for an organ transplant program, expansion of the new-

born nursery area, provision of decentralized floor kitchens, and renovation of intern quarters. Also included are instructional television interconnections between buildings, rehabilitation of the ventilation and air-conditioning system in the Medical Research Laboratory, general campus elevator rehabilitation, and provision for better campus security.

Protection of Life and Property..... \$815 000

Funds requested herein are required for building and utility work necessary to meet building codes and safety standards. The projects included are for remodeling to correct code violations within the R & E Hospitals and the East Dentistry-Medicine-Pharmacy Building, and to provide overpressure protection to the steam-piping system.

Site Improvements \$ 35 000

Funds are requested to provide a loading dock and refuse station for the University buildings bounded by Wood, Polk, Taylor, and Wolcott Streets. Without this facility, and with the construction of the addition to the Medical Research Laboratory, access to the main campus area at grade level is cut off.

Utilities Distribution System..... \$386 000

With the construction of Phase II of the College of Dentistry Building, a new steam service will be required to provide steam for this project. The closest point where capacity is available is the southeast corner of Paulina and Taylor Streets. The funds requested above would provide for steam and return conduits from Paulina and Taylor Streets to the College of Dentistry project.

VI. Urbana-Champaign Campus: Capital Program for 1969-71

In developing the 1969-71 capital budget requests for the Urbana-Champaign campus, the urgent problems in meeting the expanding needs for graduate and professional education have been of grave concern. The great increases in freshman enrollment in the mid-sixties are producing major increases in students seeking post-baccalaureate education. Thus, on a national basis, the number of bachelor's degrees in science and engineering increased from 210,000 in 1965 to 275,000 in 1968, and are predicted to increase to an estimated total of 305,000 in 1969 (U. S. Office of Education figures and projections). The temporary dislocations of the flow into graduate programs caused by draft policies will add to the increasing numbers of college graduates who will be seeking graduate education in the early seventies. The construction of graduate facilities is a complex process requiring long lead times. It is, therefore, of the utmost urgency that expansion of graduate facilities be given a high priority. Otherwise college graduates, many of whom will be veterans, will be denied adequate opportunities for continuing their education, and the nation will fail to keep pace with its growing need for teachers, research specialists, and other technical manpower.

Four of the building projects listed in Table IV were included in the University's 1967-69 capital request (East Chemistry-2nd Addition, Engineering Library, Law Building Addition, and Nuclear Reactor Addition) but were not authorized for funding. The needs underlying these requests persist—and the delay has caused both escalation of cost estimates and deferral of the educational benefits to be gained from them.

The most striking fact about the projects in the Urbana-Champaign list is the wide diversity of needs represented: agriculture, engineering, law, medicine, veterinary medicine, speech pathology—as well as a graduate-research facility in chemistry, one of the University's most distinguished departments which is largely housed in one of its oldest buildings.

East Chemistry, Second Addition

Estimated total cost.....	\$11 024 300
State funds	(\$ 8 124 300)
Non-State funds	(\$ 2 900 000)
Gross square feet.....	133 646
Net assignable square feet.....	80 612
Building efficiency	60%

This facility will provide space for research and instruction in physical chemistry and chemical physics, departmental service facilities and offices, and a departmental library. This project was included in the University's 1967-69 request for capital funds, but was not approved by the Board of Higher Education.

About half of the space in the proposed addition will be used for research, graduate instruction, and undergraduate instruction in physical chemistry and chemical physics — programs that are currently housed in Noyes Laboratory, which was constructed in 1902 and in 1915. The quantity and quality of the existing space directly hampers the research and instructional programs in these areas and also presents problems in the recruitment and retention of first-rate faculty.

About a fourth of the addition will be used for a departmental library, which is in urgent need of relocation and expansion from its present congestion in Noyes Laboratory. The remainder of the space is to be devoted mainly to various departmental offices, service laboratories, and shops. The availability of these new facilities will not only permit the existing programs in the department to be expanded and carried out more efficiently, but will also allow the department to broaden its research and instructional programs by including research areas which cannot now be accommodated.

Schematic drawings have been completed for the facility, and a grant application has been submitted to the Graduate Facilities Branch of the U. S. Office of Education for funds under Title II of the Higher Education Facilities Act of 1963. It is anticipated that a grant application will also be submitted to the National Science Foundation. It is estimated that this facility is eligible to receive approximately \$2,900,000 in federal funds.

This project is planned to provide the following types of space:

NASF by Building Block

<i>Administrative Unit</i>	<i>Instructional Laboratories</i>	<i>Office</i>	<i>Research</i>	<i>Library</i>	<i>Commons</i>	<i>Total</i>
Chemistry.....	5 112	15 954	37 380	.....	.....	58 446
Library.....	.....	.....	.....	18 689	.....	18 689
General University.....	.....	.....	.....	.....	3 477	3 477
Total.....	5 112	15 954	37 380	18 689	3 477	80 612

Space for the following faculty and staff members would be provided:

FTE teaching staff.....	39.0
FTE research staff.....	37.0
Nonacademic staff requiring office space.....	62.0
Others.....	14.0
Total FTE requiring office space.....	152.0

Having this facility would allow the Department of Chemistry and Chemical Engineering to vacate 16,186 net assignable square feet in Noyes Laboratory. This space, after some remodeling, can be assigned to the life sciences, which require less complex laboratories than chemistry.

In summary, this project meets several types of departmental needs and can be related to them approximately as follows: 30 per cent for enrollment increases, 26 per cent for replacement of inadequate facilities, and 44 per cent to overcome existing departmental space shortages.

Engineering Library

Estimated total cost.....	\$5 786 900
State funds.....	(\$4 786 900)
Non-State funds.....	(\$1 000 000)
Gross square feet.....	91 718
Net assignable square feet.....	62 368
Building efficiency.....	68%

This project will provide library space for all students in the College of Engineering, except for those in the Department of Physics, as well as provide an interdisciplinary research center on information storage and retrieval.

The University's College of Engineering at Urbana is one of the country's largest and most distinguished centers of engineering education and research. With a total enrollment of almost 5,000—including 1,300 graduate students—the College's library space is grossly inadequate. There is seating space for only 120 students and book storage for only 50,000 volumes; yet, within ten years, adequate seating space is expected to approximate 1,100 reading stations and the book collection is expected to reach 200,000 volumes. Stack space for the engineering collection was exhausted years ago, and a substantial portion of the engineering books has been transferred to the bookstacks in other buildings where they are relatively inaccessible to engineering students and faculty.

Funds for this building were requested for the 1967-69 biennium, but the project was not approved by the Board of Higher Education. Meantime, enrollment has continued to increase, and further substantial increases are projected. The critical deficiency in the College's library space should be remedied.

In addition to providing library facilities, this building will add space for a research center on information storage and retrieval that will be used jointly by the Department of Electrical Engineering, the Department of Computer Science, and the Graduate School of Library Science.

It is believed that this project would be eligible for as much as \$1,000,000 in federal funds.

The facility is programmed to contain the following types and amounts of space:

<i>Administrative Unit</i>	<i>NASF by Building Block</i>				<i>Archive and Storage</i>	<i>Total</i>
	<i>Library</i>	<i>Office</i>	<i>Research</i>			
Library						
Stack.....	20 147	.....	.....	...	20 147	
Reading.....	30 546	.....	.....	...	30 546	
Service.....	6 107	.....	.....	...	6 107	
Electrical Engineering.....	.....	675	2 175	285	3 135	
Computer Science.....	.....	675	870	155	1 700	
Library Science.....	.....	675	44	14	733	
Total.....	56 800	2 025	3 089	454	62 368	

Law Building Addition

Estimated total cost.....	\$5 301 100
State funds	(\$3 651 100)
Non-State funds	(\$1 650 000)
Gross square feet.....	85 365
Net assignable square feet.....	54 829
Building efficiency	64%

This facility would enable the College of Law to increase substantially its enrollment of professional students, as well as to provide space for additional graduate students. Enrollment would be increased from 637 in the year 1967-68 to slightly more than 1,000 students.

Applications for admission to the College of Law have grown rapidly in recent years, and many well-qualified students are now being denied admission. If the State of Illinois is to continue to provide opportunity for legal education to an increasing number of college graduates, it is essential that this program of expansion be supported.

The Law Building Addition was included in the 1967-69 request for capital funds, and was approved by the Illinois Board of Higher Education. However, funds for this facility were not included in the budget submitted to the General Assembly by the Governor.

Schematic drawings have since been completed, and a grant application has been submitted to the Graduate Facilities Branch of the U. S. Office of Education under Title II of the Higher Education Facilities Act of 1963. It is estimated that this facility is eligible to receive approximately \$1,650,000 in federal funds.

This facility is programmed to provide the following types and amounts of space:

<i>Type of Space</i>	<i>Net Assignable Square Feet</i>
Office-research	12 055
Storage	1 762
Locker-lounge	6 814
Library	23 853
Classroom	5 840
General University Auditorium	4 505
Total	54 829

This facility, in conjunction with the existing facilities of the Law Building, will provide space for the following students enrolled in the College of Law:

FTE Enrollment Capacity						Graduate Headcount Capacity			
F-S	J-S	Prof.	Grad. I	Grad. II	Total	Prof.	Grad. I	Grad. II	Total
		969	20	5	994	975	24	6	1 005

Upon completion of the Law Building Addition, the College of Law would have space for the following faculty and staff:

FTE teaching	48.09
FTE research .....	.70
FTE nonacademic	20.79
Others	8.95
Total	78.53

Medical Sciences Building

Estimated total cost	\$8 308 700
State funds	(\$4 308 700)
Non-State funds	(\$4 000 000)
Gross square feet	100 000
Net assignable square feet	60 000
Building efficiency	60%

The Medical Sciences Building would provide facilities for the first year of a new medical program for 100 entering students (M.D. candidates). In addition, this facility would provide for graduate education in three basic biological sciences (physiology, microbiology, and biological chemistry).

It is proposed to initiate a new program in medical education consisting of one year of concentrated instruction in the basic sciences at the Urbana-Champaign campus, with the remaining three years to be offered in clinical centers located in one or more of the regions specified in the *Report on Education in the Health Fields*, which was approved by the Board of Higher Education on June 4, 1968. The general educational plan has also been described in the University's report of December 13, 1967, entitled *Proposals for the Expansion of Education in the Health Professions—1967-1980*.

In addition to providing facilities for the initiation of a new program in undergraduate medicine, graduate facilities in the three basic science departments (physiology, microbiology, and biological chemistry) would be expanded in order to train additional teachers in these fields. There is a critical shortage of faculty in all areas of medical science, and medical education cannot be expanded without increasing the supply of teachers.

This facility is programmed to provide the following types and amounts of space:

<i>Type of Space</i>	<i>Net Assignable Square Feet</i>
Office	7 410
Instruction laboratories	15 000
Animal holding	2 500
Research	26 325
Classroom	3 050
Library	1 150
Locker-lounge	2 150
Storage	2 415
Total	60 000

Nuclear Reactor Addition

Estimated total cost.....	\$1 447 300
State funds.....	(\$ 812 300)
Non-State funds.....	(\$ 635 000)
Gross square feet.....	20 371
Net assignable square feet.....	12 160
Building efficiency.....	60%

The Nuclear Reactor Laboratory is an interdisciplinary facility, administered by an interdepartmental committee, primarily for the training of students in nuclear engineering. The Laboratory is also used by the Departments of Chemistry and Chemical Engineering, Physiology and Biophysics, Physics, and various other engineering departments.

The present Nuclear Reactor Laboratory is not adequate for the nuclear engineering program; yet the demand for reactor use by other departments is increasing steadily. This results in unduly long operating hours and extreme congestion of equipment. With the upgrading of the power level of the reactor by a factor of 10 in 1968 (funded by the National Science Foundation, the Atomic Energy Commission, and the University), these unsatisfactory conditions will become intolerable if additional space is not provided.

The State of Illinois is vitally involved in the modern nuclear age. This is indicated by the presence in the State of Argonne National Laboratory, the National Accelerator Laboratory at Weston, the Dresden Nuclear Power Plants, and a sizable nuclear industry. The nuclear engineering program at the University of Illinois was developed to nourish this new field. In the ten years since the establishment of the nuclear engineering program, it has grown to the point where it is equaled in prestige only by that at the Massachusetts Institute of Technology, the University of Michigan, and the University of California (Berkeley). If this program is to maintain a high standard of excellence, it must have adequate research and supporting space.

This facility was included in the University's 1967-69 capital request, but was not approved for funding by the Board of Higher Education. Schematic drawings have been completed, and a proposal was submitted to the National Science Foundation (NSF) for a matching grant. When State funds were not provided, NSF suggested that the proposal be withdrawn and resubmitted later. In February 1968, therefore, the grant application was reluctantly withdrawn by the University. It will be updated and resubmitted, however, and it is hoped that a grant in the amount of \$635,000 would be made.

This project is programmed to provide the following types and amounts of space:

<i>Type of Space</i>	<i>Net Assignable Square Feet</i>
Office.....	2 792
Research laboratories.....	9 368
Total.....	12 160

This facility, in addition to the 12,613 net assignable square feet presently assigned, will provide space for the following students in nuclear engineering:

<i>FTE Enrollment Capacity</i>					<i>Headcount Capacity</i>		
<i>F-S</i>	<i>J-S</i>	<i>Grad. I</i>	<i>Grad. II</i>	<i>Total</i>	<i>Grad. I</i>	<i>Grad. II</i>	<i>Total</i>
..	1	26	57	84	30	54	84

Research Animal Holding Facility

Estimated total cost.....	\$787 000
State funds.....	(\$487 000)
Non-State funds.....	(\$300 000)
Gross square feet.....	9 600
Net assignable square feet.....	6 240
Building efficiency.....	65%

On August 17, 1967, the University of Illinois was registered as a research facility with the U. S. Department of Agriculture in accordance with the

Laboratory Animal Welfare Act, Public Law 89-544. As a research facility using animals, the University is required to comply with standards and regulations governing the humane handling, care, and treatment of laboratory animals as outlined in Title 9, Chapter 1, Subchapter A, of the *Federal Register*, Vol. 32, No. 37.

The present animal housing space, dispersed in sixteen departments at the Urbana-Champaign campus, fails to meet the standards established in this Act. Although the University has requested an extension of the time limit for compliance until late 1971 because of budgetary limitations, this request has not yet been approved. Consequently, the University of Illinois, as a research facility, is technically in violation of P.L. 89-544.

Constructing a new facility is preferred to the alternative of upgrading existing space because the latter is overcrowded in terms of the standards, and upgrading it would reduce the capacity to house animals at a time when the demand for research animals is increasing. To keep even the present number of animals properly housed, the University would be forced to convert other space in several locations to animal-holding quarters. Also, costly remodeling would provide only a temporary solution to the problem.

The proposed facility would alleviate the crowded conditions in existing structures and would allow the employment of improved husbandry procedures designed to improve the health and quality of laboratory animals used in research.

The proposed structure would facilitate accreditation of the Urbana-Champaign campus by the American Association for Accreditation of Laboratory Animal Care (AAALAC). Accreditation in the AAALAC program would guarantee that laboratory animals at this campus are maintained under satisfactory conditions judged by national standards.

This facility is programmed to contain 6,240 net assignable square feet. It will consist primarily of space for animal cages, storage of feed and refuse, and receiving and treatment rooms. Only two offices and a small necropsy room will be provided. In addition, certain air exchange and temperature controls will also be required.

Speech and Hearing Clinic

Estimated total cost.....	\$2 000 700
State funds.....	(\$1 200 700)
Non-State funds	(\$ 800 000)
Gross square feet.....	29 265
Net assignable square feet.....	17 560
Building efficiency.....	60%

This facility will provide laboratory space for the undergraduates and for the clinical and research work of graduate students and faculty members in speech and hearing science. The present space is inadequate in amount and obsolete—imposing great hardship upon the staff's efforts to maintain a research program and diagnostic and therapeutic services of high quality. The Clinic is housed in what are believed to be the poorest quarters among all such facilities used by other Illinois universities or by other Big Ten universities.

The training program in speech pathology and audiology at the University has been accredited by the Education and Training Board of the American Board of Examiners in Speech Pathology and Audiology—being one of seven such training programs to be accredited in the United States. The Speech and Hearing Clinic itself is one of only twenty-five such institutions in the country that have been approved for registration by the Professional Services Board of the American Board of Examiners in Speech Pathology and Audiology; and it is the only one in Illinois with such approval. To demonstrate the urgency of providing modern facilities for this program, both of these Boards included in their recommendations statements concerning the need for immediate improvement of the quality, quantity, and character of the physical facilities.

The training and research activities carried on in the present locations are supported by grants from the U. S. Office of Education, the Vocational Rehabilitation Administration, the National Institute of Dental Research, the National Institute of Neurological and Sensory Diseases, and the Illinois Department of Public Health.

The Director of the Speech and Hearing Clinic estimates that approximately \$800,000 in non-State funds can be obtained from a combination of the following sources: (a) National Institutes of Health; (b) Hill-Burton Act; (c) Vocational Rehabilitation Administration; and (d) National Science Foundation. Applications for such funds will be prepared and submitted to these agencies as soon as the schematic drawings are completed.

This project is programmed to provide the following types and amounts of space:

<i>NASF by Building Block</i>				
<i>Department</i>	<i>Office</i>	<i>Research</i>	<i>Classroom</i>	<i>Total</i>
Speech.....	6 357	9 738	.....	16 095
General University.....	.....	.....	1 465	1 465
Total.....	6 357	9 738	1 465	17 560

This building is designed to meet the needs of the following students in the Speech and Hearing Science Division of the Department of Speech:

<i>FTE Enrollment Capacity</i>					<i>Graduate Headcount Capacity</i>		
<i>F-S</i>	<i>J-S</i>	<i>Grad. I</i>	<i>Grad. II</i>	<i>Total</i>	<i>Grad. I</i>	<i>Grad. II</i>	<i>Total</i>
21	65	17	10	113	25	18	43

Turner Hall Addition

Estimated total cost.....	\$7 028 000
State funds.....	(\$5 928 000)
Non-State funds.....	(\$1 100 000)
Gross square feet.....	94 237
Net assignable square feet.....	56 542
Building efficiency.....	60%

Turner Hall (Plant Sciences Building) is occupied primarily by the Department of Agronomy. Completion of the addition will permit the Departments of Agronomy and Plant Pathology and the U. S. Department of Agriculture to conduct virtually all of their activities within the same building.

The research and educational programs of the Departments of Agronomy and Plant Pathology are primary sources of the new knowledge and trained manpower needed by Illinois agriculture, which currently contributes more than two billion dollars annually to the economy of the State. To help meet this need and to assist in increasing food production and in stimulating economic growth in the developing countries, the University must expand graduate study and research in all aspects of the plant sciences.

Increased efficiency in the use of laboratories, classrooms, and expensive research equipment will result when the Departments of Agronomy, Forestry, Horticulture, and Plant Pathology are brought together in a single plant sciences building.

The present Turner Hall structure was completed in 1964. Planning funds for the Turner Hall Addition were included in the University's capital appropriation for 1967-69. It is believed that the proposed addition will qualify for approximately \$1,100,000 in federal funds from the National Institutes of Health.

This facility would provide the following types and amounts of space:

NASF by Building Block					
	Instructional Laboratories	Office	Research	Storage	Total
Department					
Agronomy.....	583	4 507	19 675	3 830	28 595
Plant Pathology.....	1 106	4 817	15 030	1 047	22 000
U.S. Department of Agriculture.....	.....	2 621	3 251	75	5 947
Total.....	1 689	11 945	37 956	4 952	56 542

A total of 28,063 net assignable square feet is to be vacated by the plant-science departments in Davenport Hall, to be assigned to the College of Liberal Arts and Sciences. This would provide badly needed space in the center of the campus for social-science departments.

Veterinary Medicine Hospital

Estimated total cost.....	\$10 022 800
State funds.....	(\$ 5 772 800)
Non-State funds	(\$ 4 250 000)
Gross square feet.....	119 426
Net assignable square feet.....	71 641
Building efficiency.....	60%

The Veterinary Medicine Hospital is the second stage in a long-range plan to create an integrated complex of structures for the State's only College of Veterinary Medicine. The proposed building will be located adjacent to the new Small Animal Clinic and Hospital (now under construction), and will house the teaching, research, extension, and public service activities of the Department of Veterinary Clinical Medicine in the areas of large animal medicine and surgery. Completion of this structure will provide the clinical facilities required to bring enrollment in the professional curriculum to an entering class of 100. This facility is planned for the simultaneous hospitalization, examination, and treatment of approximately 170 farm animals, chiefly cattle, horses, swine, and sheep.

Planning funds for this project were provided in the 1967-69 biennium, and working drawings should be available by July 1969.

Through the National Institutes of Health, under P.L. 89-290 (Veterinary Medical Education Act of 1966), this project will qualify for approximately \$4,250,000 in federal funds, or more than 40 per cent of the project cost. An application for an NIH federal grant was submitted in June 1968.

This facility is programmed to provide the following types and amounts of space:

<i>Type of Space</i>	<i>Net Assignable Square Feet</i>
Instructional laboratory.....	2 851
Office.....	6 546
Research.....	5 303
Storage.....	3 090
Commons.....	3 025
Clinic.....	48 326
Classrooms.....	2 500
Total.....	71 641

The enrollment capacity of the College of Veterinary Medicine at the completion of the Veterinary Medicine Hospital will be as follows:

<i>FTE Enrollment Capacity</i>						<i>Graduate-Professional Headcount</i>			
<i>F-S</i>	<i>J-S</i>	<i>Prof.</i>	<i>I</i>	<i>II</i>	<i>Total</i>	<i>Prof.</i>	<i>I</i>	<i>II</i>	<i>Total</i>
..	13	408	14	23	458	375	25	43	443

No space would be released as the result of the completion of this project, since the existing clinical facilities will be remodeled into basic sciences laboratories for use in accommodating the larger entering class in the professional veterinary program.

Other Capital Projects

Power Plant Addition..... \$3 414 400

On January 1, 1968, there was a deficiency in firm steam capacity of 10,000 lbs./hour on the Urbana-Champaign campus. Although this condition does not presently seriously affect the campus steam supply, it will become critical as the buildings approved for construction in 1965-67 and 1967-69 are completed and occupied.

To meet the additional demands for steam created by the completion of these new buildings, Boiler No. 8, with the capacity of 200,000 lbs./hour, must be added in the 1969-71 biennium. Every precaution will be taken to maintain the present boilers in first-class condition until the new boiler enters service in late 1971, because the system will be operating under an estimated 145,000 lbs./hour steam deficit at that time.

In addition, Abbott Power Plant will require improvements to comply with

the new air pollution law. Installation of electrostatic precipitators to supplement the cyclone dust collectors now installed in the plant will result in a dust emission discharge into the atmosphere well below that permitted by the present law.

Land Acquisition \$4 610 000

These funds are needed for three primary purposes:

1. To enable the University to acquire title to land already purchased in its behalf by the University of Illinois Foundation (\$3,000,000).
2. To acquire land needed for the proposed academic buildings and miscellaneous facilities requested for 1969-71 (\$1,170,000).
3. To acquire land needed to satisfy partially the immediate demands for parking at various fringe locations of the campus (\$440,000).

The land acquired by the Foundation in behalf of the University includes advance purchase of parcels involving the sites for proposed buildings such as the Medical Sciences Building, the Engineering Library, and the Center for Advanced Study. Also included are facilities for specialized research in the fields of agriculture and childhood education—as well as some space for fringe-campus parking. In all cases, the land purchased had been put on the market for sale, and would have undergone sharp increase in price due to probable improvement—much of it for commercial purposes.

The land for proposed academic buildings and miscellaneous facilities includes only those sites not previously purchased by the University or the University of Illinois Foundation, but which are needed for the projects specifically included in this budget request. The projects involved are those academic facilities for which construction or planning funds are requested, as well as the proposed University Club-Center for Advanced Study complex and a pedestrian easement through Mt. Hope Cemetery.

In accordance with the *Policy Statement Concerning Provision of Parking Facilities at Illinois Institutions*, submitted to the Illinois Board of Higher Education at its meeting on June 4, 1968, certain of the present land requests are submitted in order to provide badly needed surface parking facilities on the north and east sides of the campus.

Parking facilities so constructed will be financed from income generated by the faculty-staff and student parking programs. Upon completion of the program outlined here, the campus would still be far short of the facilities ultimately planned for, and would be well within the guidelines established by the Illinois Board of Higher Education.

Movable Equipment \$3 740 200

1967-69 buildings (\$2,500,000). Funds are needed to complete the equipping of buildings approved for construction during the 1967-69 biennium. Capital appropriations for the present biennium did not include movable equipment allocations for approved buildings, except for funds required to match federal grants or minor advance purchases. A summary of the anticipated distribution of the movable-equipment funds requested for the 1967-69 projects is as follows:

<i>Project</i>	<i>Total Cost of Movable Equipment</i>	<i>Funded in 1967-69 Biennium</i>	<i>Other Funding</i>	<i>Requested in 1969-71 Biennium</i>
Civil Engineering Building, Phase IIA.....	\$ 815 000	\$100 000	\$590 000 ¹	\$ 125 000
Small Animal Clinic.....	503 000	50 000	—0—	453 000
Foreign Languages Building..	989 000	52 000	—0—	937 000
Intramural-Physical Educa- tion Building.....	292 000	92 000	—0—	200 000
Library, Fifth Stack Addition	40 000	—0—	—0—	40 000
Music Building.....	695 000	40 000	—0—	655 000
Women's Gymnasium Addition.....	38 000	23 000	—0—	15 000
Contingency.....	105 000	30 000	—0—	75 000
Total.....	\$3 477 000	\$387 000 ²	\$590 000	\$2 500 000

¹ From Seventy-fourth General Assembly funds, reappropriated.

² Remainder of \$600,000 appropriated, plus \$115,000 from contingencies, applied to the Civil Engineering Building, Phase I (\$175,000), Psychology Laboratory (\$23,000), Personnel Services Building (\$20,000), and the Television Studio Addition (\$110,000).

1969-71 buildings (\$1,000,000). Funds are requested only to the extent of meeting movable-equipment costs required for matching anticipated federal grants, and meeting the needs of projects scheduled for completion at or near the end of the 1969-71 biennium. The balance of the movable-equipment funds would not be needed until the 1971-73 biennium. A summary of anticipated distribution of the funds requested for the 1969-71 projects is as follows:

<i>Project</i>	<i>Total Cost of Movable Equipment</i>	<i>Deferred to 1971-73 Biennium</i>	<i>Other Funding¹</i>	<i>Requested in 1969-71 Biennium</i>
East Chemistry Addition..	\$1 205 000	\$ 970 000	\$ 235 000	-0-
Engineering Library.....	353 000	253 000	100 000	-0-
Veterinary Medicine Hospital.....	704 900	308 900	110 000	\$ 286 000
Law Building Addition....	265 000	190 000	75 000	-0-
Turner Hall Addition.....	985 000	285 000	320 000	380 000
Nuclear Reactor Addition	363 000	93 000	145 000	125 000
Speech and Hearing Clinic Research Animal Holding Facility.....	230 000	140 000	90 000	-0-
Medical Sciences Building	144 000	20 000	60 000	64 000
Fire and Police Station....	974 000	630 000	344 000	-0-
Contingency for above projects and Minor Additions.....	45 000	-0-	-0-	45 000
	100 000	-0-	-0-	100 000
Total.....	\$5 368 900	\$2 889 900	\$1 479 000	\$1 000 000

Conversion to color television (\$240,200). In order for the Urbana-Champaign campus to keep pace with developments in public and educational broadcasting, additional equipment capable of producing programs in color is urgently needed. The lack of capability for producing live or taped programs in color seriously limits the effectiveness of the University's use of this medium, which serves the following educational purposes: (a) on-campus instruction (closed circuit); (b) off-campus adult education; (c) education of students for professional careers in television. The funds requested will be used to purchase new color equipment, as well as to convert existing black-and-white equipment for color productions.

Planning 1971-73 \$1 397 600

Funds are requested for planning to provide consultation, architectural, and engineering services for buildings essential to the future development of the Urbana-Champaign campus. Included in this request are planning funds for:

1. Aeronautical and Astronautical Engineering Building (\$299,600).
2. Digital Computer Laboratory Addition (\$339,000).
3. Geology Building, Phase I (\$432,000).
4. Education Building (\$327,000).

For over twenty years, the *Department of Aeronautical and Astronautical Engineering* (formerly Aeronautical Engineering) has been assigned to space that has been vacated by other departments, as those departments have moved to newer and more modern facilities. With only minor remodeling of this "cast-off" space, which can only be described as hopelessly obsolete and inadequate, the Department has been forced to conduct a modern teaching and research program in one of the most rapidly growing areas of technology. The Department's undergraduate enrollment is the largest of any accredited aerospace program in the nation, but the inadequate physical facilities make it difficult to provide these students with the type of modern engineering education they deserve, and which would maintain the Department's position of leadership. A new facility would bring together the scattered activities of the Department into space planned for the type of highly technical programs offered, as well as provide facilities for programs that cannot be undertaken now. It is estimated that the sum of \$299,600 would meet the architectural cost required in preparing federal grant applications and bid documents.

¹ To be requested from federal sources.

The third addition to the *Digital Computer Laboratory* is to be occupied by the Department of Computer Science. This Department is experiencing an explosive demand for its teaching, research, and service programs from students and staff at all levels and disciplines in the University structure. Enrollment demands are greater than can be met with existing facilities, and are expected to increase sharply; research activities are creating ILLIAC IV, a machine that will have an arithmetic capacity of approximately one billion multiplications per second; and demands for departmental service in interdisciplinary programs are increasing rapidly. Since present space will become critically overcrowded before this proposed addition is completed, planning funds should be provided immediately so as to minimize the delays in getting the project under construction when funds become available. The present request would provide for the architectural services required for federal construction grant applications and for bid documents. The cost of these services is estimated at \$339,000.

The *Department of Geology* currently occupies obsolete and functionally inadequate space in the Natural History Building. To relieve temporarily these inadequacies, several areas assigned to the Department have been remodeled; but the extent of the remodeling required to provide the amount and kinds of space needed by a modern Department of Geology would cost more than the construction of a new facility. With the changing emphasis in geologic training and research, close ties are developing between geology and other sciences. The sum of \$432,000 is the estimated cost of the architectural services required for federal construction-grant applications and for bid documents.

The *College of Education* is scattered in eighteen buildings distributed over the Urbana-Champaign campus, with the majority of the special education and research activities being conducted in old houses that have only minimal facilities because they are scheduled for razing. To meet the increasing demands for undergraduate and graduate enrollment, several units of the College have been moved from the existing Education Building into temporary quarters acquired by the University on the perimeter of the campus. A new College of Education Building, similar and adjacent to the present Education Building completed in 1964, would improve the efficiency of communication between various widely-separated groups and eliminate the space wasted in duplication of staff and files in each old house. Consolidation of the instructional, research, and service programs of the College of Education would enrich and improve these programs, and also enable the College to meet its increasing enrollment and service demands. It is estimated that the sum of \$327,000 would meet the architectural costs required in preparing federal construction-grant applications and bid documents.

Remodeling, Rehabilitation, and Minor Additions..... \$3 000 000

The needs for remodeling far exceed the amount requested, but recent experience indicates that \$3,000,000 represents an amount of work that can be effectively programmed and completed within a biennium.

Projects that will be considered for these funds fall into four general categories: (1) major remodeling needs (\$785,000); (2) minor remodeling requests (\$965,000); (3) minor additions (\$750,000); and (4) building-rehabilitation (\$500,000).

The major remodeling projects to be considered include such items as renovating the space to be vacated by the Departments of Civil Engineering and Psychology upon completion of their new buildings, upgrading space for the proposed first-year medical program, and remodeling the Digital Computer Laboratory for ILLIAC IV. The minor remodeling items include numerous projects requested by academic departments ranging in cost from \$5,000 to \$50,000 which are urgently needed. Probable minor-addition projects include a feed-storage facility for the College of Veterinary Medicine, the relocation of the meats laboratory from Davenport Hall, and the further development of a low-cost, metal-building complex south of the main campus. The building-rehabilitation request includes electrical modernization, lighting improvements, elevator installation and modernization, and heating-system modernization for many of the older buildings on campus. In relation to the total physical plant at the Urbana-Champaign campus, the above described request is a modest one.

Protection of Life and Property..... \$2 329 160

The funds requested herein are for building and utilities projects necessary to meet building codes and safety standards, and for a new campus Fire and Police Station.

The items to be considered to meet building standards and safety codes include: automatic sprinkler systems, smoke detection devices, fire stair enclosures, the installation of panic hardware, and an installation to provide overpressure protection for the existing steam-piping system. These projects would not correct all of the potentially hazardous conditions on the campus, but would correct the deficiencies which the Safety and Fire Prevention Committee believe to be the most serious.

The addition of a second fire station was recommended for the southern part of the campus by the National Board of Fire Underwriters, to provide adequate protection for all buildings on the campus. Further, it was determined that a combined Police and Fire Station would result in lower operating costs, because one group of communications personnel could serve both units, as well as provide better communication during any type of emergency.

Site Improvements \$2 185 250

Funds requested for this category may be subdivided as follows:

- (a) Campus improvements (\$894,000).
- (b) Street and street-lighting improvements (\$599,250).
- (c) Public improvements (\$692,000).

The projects classified as campus improvements include reforestation, sidewalk and bicycle facilities, campus security lighting, landscaping, and construction (or reconstruction) of certain recreational facilities. Specific projects involving considerable cost and substantial benefits include completion of the recreational facilities in Illini Meadows (formerly Illini Grove) on which construction started in 1960, and the construction of an all-weather intramural field near Huff Gymnasium.

Proposed street and street-lighting improvements include the reconstruction of Peabody Drive in accordance with the future needs of the Intramural-Physical Education Building, as well as minor street and street-lighting improvements throughout the campus.

Funds requested for public improvements include the University's contribution to community sanitary and storm sewage projects. These projects have been developed in cooperation with the Urbana-Champaign Sanitary District and the Upper Embarras River Basin Drainage District.

Utilities Distribution System..... \$3 906 500

This project includes funds for extensions and other changes in the utilities distribution system necessary to provide essential services to the buildings in this biennial request. The other changes in the utilities distribution system include expansion of the library air-conditioning system, storm and sanitary-sewer extensions, and additions to existing distribution centers.

AWARD OF CERTIFIED PUBLIC ACCOUNTANT CERTIFICATES

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

<i>Name</i>	<i>Address</i>	<i>State from Which They Obtained Certificates</i>
RICHARD ELMER ARNOLD	Belleville, Illinois	Missouri
MARVIN LEE ASHER	Chicago, Illinois	California
EDWIN JOHN KENNEDY	Moline, Illinois	Maryland
ORLANDO SANCHEZ	Riverdale, Illinois	Puerto Rico
RALPH BURNETT TOWER, JR.	Chicago, Illinois	District of Columbia

I concur.

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

**ADVISORY COUNCIL OF LIBRARIANS, GRADUATE SCHOOL
OF LIBRARY SCIENCE, URBANA**

(6) The Dean of Library Administration recommends the following appointments to the Advisory Council of Librarians for terms of three years beginning September 1, 1968.

Public Libraries

LESTER L. STOFFEL, Executive Director, Suburban Library System, Western Springs, to succeed Mr. Jack Chitwood, Director, Rockford Public Library, Rockford, whose term is expiring.

College and University Libraries

CLYDE C. WALTON, Director of University Libraries, Northern Illinois University, DeKalb, to succeed Dr. Ralph E. McCoy, Director of Libraries, Southern Illinois University, Carbondale, whose term is expiring.

School Libraries

MISS MARY ANN SWANSON, Head Librarian, Evanston Township High School, Evanston, to succeed Mr. Charles D. DeYoung, Director of Libraries, Proviso Township High School, Maywood, whose term is expiring.

Special Libraries

MISS RUTH NIELANDER, Librarian, Lumbermens Mutual Casualty Co., Mutual Insurance Building, Chicago, to succeed Mr. James C. Andrews, Library Director, Library Services Department, Argonne National Laboratory, Argonne, whose term is expiring.

I concur.

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

DEANSHIP OF THE COLLEGE OF VETERINARY MEDICINE, URBANA

(7) I recommend the appointment of Dr. L. Meyer Jones, presently Dean of the School of Veterinary Medicine, University of Georgia, as Dean of the College of Veterinary Medicine at Urbana, beginning September 1, 1968, at an annual salary of \$30,000 on a twelve-month service basis.

I also recommend that Dr. Jones be appointed Professor of Physiology and Pharmacology on indefinite tenure.

The appointment of Dr. Jones will fill the vacancy which will be created by the retirement of Dean Carl A. Brandly at the end of the current year.

This recommendation has the concurrence of the Consultative Committee² as well as the Executive Committee of the College of Veterinary Medicine.³

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

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

DIRECTORSHIP OF THE INSTITUTE OF AVIATION, URBANA

(8) I recommend the appointment of Mr. Ralph E. Flexman, presently Director of Advanced Training Requirements, Link Group of General Precision, Inc., as Di-

¹ This appointment will be from September 1, 1968, through August 31, 1969, which is consistent with the statutory provision of biennial tenure of deans and directors, such appointments coinciding with the fiscal biennium.

² Andrew V. Nalbandov, Professor of Animal Physiology, Physiology, and Zoology, *Chairman*; John M. Clark, Jr., Associate Professor of Biochemistry; Lyle E. Hanson, Professor and Head of Veterinary Pathology and Hygiene and Professor of Veterinary Research; Norman D. Levine, Professor of Zoology, Veterinary Parasitology, and Veterinary Research; Roger P. Link, Professor and Head of Department of Veterinary Physiology and Pharmacology and Professor of Veterinary Research; Erwin Small, Associate Professor of Veterinary Clinical Medicine.

³ L. E. Boley, Associate Dean of Veterinary Medicine, Professor and Head of Veterinary Clinical Medicine, and Professor of Veterinary Pathology and Hygiene; Lyle E. Hanson, Professor and Head of Veterinary Pathology and Hygiene; W. G. Huber, Assistant Dean of Veterinary Medicine, Professor of Veterinary Physiology and Pharmacology and Veterinary Research; C. D. Knecht, Assistant Professor of Veterinary Clinical Medicine; Roger P. Link, Professor and Head of Veterinary Physiology and Pharmacology; J. E. Lovell, Professor and Head of Veterinary Biological Structure; W. M. Newton, Associate Professor of Veterinary Physiology and Pharmacology and of Veterinary Clinical Medicine and Director of Laboratory Animal Care.

rector of the Institute of Aviation at Urbana, beginning September 1, 1968, at an annual salary of \$29,000 on a twelve-month service basis.¹

The appointment of Mr. Flexman will fill the vacancy which will be created by the retirement of Director Leslie A. Bryan at the end of the current year.

This appointment has the concurrence of the Consultative Committee² and the Executive Committee of the Institute of Aviation.³

The Executive Vice-President and Provost, and the Chancellor at Urbana endorse this appointment.

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

DIRECTORSHIP OF THE INSTITUTE OF LABOR AND INDUSTRIAL RELATIONS, URBANA

(9) I recommend the appointment of Dr. Melvin Rothbaum, presently Professor of Labor and Industrial Relations, as Director of the Institute of Labor and Industrial Relations at Urbana, for one year beginning September 1, 1968, at an annual salary of \$24,000 on a twelve-month service basis.⁴

Dr. Rothbaum will continue to hold the rank of Professor on indefinite tenure. The appointment is to succeed Professor Martin Wagner who has asked to be relieved of this administrative assignment as of August 31, 1968.

This recommendation has the concurrence of the Consultative Committee⁵ and follows consultation with the Executive Committee of the College.

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

I concur.

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

APPOINTMENTS TO THE FACULTY

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

Positions in the University are classified in the following categories and are designated in the budget by the symbols indicated: A — indefinite tenure; P — indefinite term appointment for part-time service only; B — two years; D — one year; E — nine months from the beginning of the academic year; G — special tenure; 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. LOUISE ANDERSON, Assistant Professor of Biological Sciences, beginning September 1, 1968 (2), at an annual salary of \$11,500.
2. MAURICE WILLIAM BRUCE, Visiting Professor of History, for the academic year, 1968-69 (E), at a salary of \$16,000.

¹ This appointment will be from September 1, 1968, through August 31, 1969, which is consistent with the statutory provision of biennial tenure of deans and directors, such appointments coinciding with the fiscal biennium.

² H. S. Stillwell, Professor and Head of the Department of Aeronautical and Astronautical Engineering, *Chairman*; R. Will Burnett, Professor and Chairman of the Department of Secondary and Continuing Education; Irwin Cochran, Associate Professor and Director of Bureau of Business Management; James M. Craig, Jr., Instructor in the Institute of Aviation; John R. Mylin, Instructor in the Institute of Aviation.

³ W. E. Ditzler, Chief Curriculum Instructor; N. C. Grimm, Supervising Engineer; E. L. Haak, Chief Ground Instructor; F. L. Lancaster, Aircraft Maintenance Engineer; J. W. Stoncipher, Chief Flight Instructor.

⁴ This appointment will be from September 1, 1968, through August 31, 1969, which is consistent with the statutory provision of biennial tenure of deans and directors, such appointments coinciding with the fiscal biennium.

⁵ John F. Due, Professor of Economics, *Chairman*; Milton Derber, Professor of Labor and Industrial Relations; Rupert Evans, Dean of the College of Education, Professor of Vocational and Technical Education; Bernard Karsb, Professor of Sociology and Labor and Industrial Relations; Milfred Lieberthal, Associate Professor of Labor and Industrial Relations.

3. ALLEN C. COGLEY, Assistant Professor of Energy Engineering, beginning September 1, 1968 (1), at an annual salary of \$10,500.
4. ALAN S. EDELSTEIN, Associate Professor of Physics, beginning September 1, 1968 (Q), at an annual salary of \$14,000.
5. ROBERT E. HALLOWELL, Professor of French, beginning September 1, 1968 (A), at an annual salary of \$20,000.
6. CHRISTOPH H. HERING, Associate Professor of Mathematics, beginning September 1, 1968 (A), at an annual salary of \$13,500.
7. ELSE HUENERT-HOFMANN, Assistant Professor of German, beginning September 1, 1968 (4), at an annual salary of \$11,000.
8. PETER D'A. JONES, Professor of History, beginning September 1, 1968 (A), at an annual salary of \$20,000.
9. WILLIAM M. KANTOR, Assistant Professor of Mathematics, beginning September 1, 1968 (1), at an annual salary of \$10,500.
10. RICHARD B. MCCAMMON, Associate Professor of Geology, beginning September 1, 1968 (Q), at an annual salary of \$15,000.
11. AGNES CRAWFORD SCHULTZ, Visiting Professor of Music, for the academic year 1968-69 (E), at a salary of \$13,500.
12. LEROY R. SHAW, Professor of German, beginning September 1, 1968 (A), at an annual salary of \$20,000.
13. THEODORE J. STARR, Professor of Biological Sciences, beginning September 1, 1968 (A), at an annual salary of \$18,000.
14. PHILIP G. TEETS, Assistant Professor of Economics, beginning September 1, 1968 (1), at an annual salary of \$12,000.
15. EDWARD C. THADEN, Professor of History, beginning September 1, 1968 (A), at an annual salary of \$21,000.
16. SYLVAN R. WEINER, Associate Professor of English, beginning September 1, 1968 (A), at an annual salary of \$12,500.

Medical Center

17. CLIFFORD E. ROBERTS, JR., Associate Professor of Microbiology, assigned to Faculty of Medicine, Chiangmai Hospital, Thailand, Agency for International Development, for the period from April 29 through May 1, 1968, and from June 6, 1968, through June 2, 1970, at an annual salary of \$16,500.
18. THOMAS M. SABA, Assistant Professor of Physiology, College of Medicine, beginning June 17, 1968 (DY), at an annual salary of \$12,500.
19. RONALD T. TURNBULL, Associate Director of Hospital Pharmacy and Assistant Professor of Pharmacy, beginning July 1, 1968 (DY,1Y), at an annual salary of \$15,500.

Urbana-Champaign

20. FELIX R. ALBRECHT, Professor of Mathematics, beginning September 1, 1968 (A), at an annual salary of \$19,000.
21. GEORGE E. BEVARD, Extension Communication Specialist and Assistant Professor of Agricultural Communications, beginning May 1, 1968 (1Y), at an annual salary of \$15,000.
22. ROBERT E. BOHRER, Assistant Professor of Mathematics, beginning September 1, 1968 (1), at an annual salary of \$11,700.
23. IRA H. CARMEN, Assistant Professor of Political Science, beginning September 1, 1968 (1), at an annual salary of \$11,800.
24. RUSSELL A. CHADBOURN, Assistant Professor of Educational Psychology, beginning September 1, 1968 (1), at an annual salary of \$10,000.
25. SONYA M. CLAY, Assistant Professor in Jane Addams Graduate School of Social Work, beginning June 16, 1968 (1Y), at an annual salary of \$11,250.
26. ROBERT F. CRAGGS, Assistant Professor of Mathematics, beginning September 1, 1968 (1), at an annual salary of \$10,500.
27. WALTER L. CREESE, Professor of Architecture, beginning September 1, 1968 (A), at an annual salary of \$20,000.
28. ROSS A. DEEGAN, Research Assistant Professor of Physics, beginning September 1, 1968 (1Y), at an annual salary of \$10,200.
29. PATRICK A. DOMENICO, Associate Professor of Geology, beginning September 1, 1968 (A), at an annual salary of \$15,500.
30. EMANUEL DONCHIN, Associate Professor of Psychology and of Physiology and

- Biophysics, beginning September 1, 1968 (A), at an annual salary of \$13,500 (on leave of absence, without pay, 1968-69).
31. LARRY DORNHOFF, Assistant Professor of Mathematics, beginning September 1, 1968 (1), at an annual salary of \$10,500.
 32. HAROLD A. GOULD, Associate Professor of Anthropology, beginning September 1, 1968 (A), at an annual salary of \$16,500.
 33. ROBERT J. HEIFETZ, Associate Professor of Urban Planning, beginning September 1, 1968 (A), at an annual salary of \$12,650.
 34. WALDO H. HEINRICHS, JR., Professor of History, beginning September 1, 1968 (A), at an annual salary of \$18,000.
 35. PHILIP HUGLY, Assistant Professor of Philosophy, beginning September 1, 1968 (1), at an annual salary of \$12,500.
 36. FREDERIC C. JAHNER, Associate Professor of History, beginning September 1, 1968 (A), at an annual salary of \$13,600.
 37. GERALD J. JANUSZ, Assistant Professor of Mathematics, beginning September 1, 1968 (1), at an annual salary of \$11,000.
 38. S. S. JOGDEO, Associate Professor of Mathematics, beginning September 1, 1968 (A), at an annual salary of \$12,000.
 39. FRANZ W. KAMBER, Associate Professor of Mathematics, beginning September 1, 1968 (A), at an annual salary of \$13,000.
 40. PREM KRISHNA, Visiting Assistant Professor of Civil Engineering, for the academic year 1968-69 (E), at a salary of \$9,000.
 41. JANARDAN P. KUKRETI, Assistant Professor of Veterinary Biological Structure, College of Veterinary Medicine, beginning September 1, 1968 (1Y), at an annual salary of \$10,000.
 42. PETER A. LOEB, Assistant Professor of Mathematics, beginning September 1, 1968 (1), at an annual salary of \$11,700.
 43. NORTON E. LONG, Professor of Political Science, beginning September 1, 1968 (A), at an annual salary of \$28,000.
 44. EUGENE J. MEEHAN, Professor of Political Science, beginning September 1, 1968 (A), at an annual salary of \$20,000 (on leave of absence, without pay, 1968-69).
 45. ROCCO MONTANO, Professor of Italian and Comparative Literature, in the Department of Spanish, Italian, and Portuguese, on one-half time, and in the Department of French, on one-half time, beginning September 1, 1968 (A), at an annual salary of \$20,000.
 46. FREDRIC N. OWENS, Assistant Professor of Animal Science, beginning September 1, 1968 (1Y), at an annual salary of \$12,000.
 47. FRANKLIN D. PATTON, Associate Professor of Geology, beginning September 1, 1968 (A), at an annual salary of \$13,700.
 48. N. TENNEY PECK, Assistant Professor of Mathematics, beginning September 1, 1968 (1), at an annual salary of \$11,000.
 49. ALBERTO PORQUERAS-MAYO, Professor of Spanish, in the Department of Spanish, Italian, and Portuguese, beginning September 1, 1968 (A), at an annual salary of \$19,000.
 50. DONALD E. QUELLER, Professor of History, beginning September 1, 1968 (A), at an annual salary of \$19,000.
 51. IRMENGARD RAUCH, Associate Professor of Germanic Languages and Literatures, beginning September 1, 1968 (A), at an annual salary of \$11,600.
 52. DEREK S. ROBINSON, Assistant Professor of Mathematics, beginning September 1, 1968 (3), at an annual salary of \$11,000.
 53. MALCOLM L. SARGENT, Assistant Professor of Botany, beginning September 1, 1968 (1), at an annual salary of \$10,750.
 54. DAVID S. SHWAYER, Professor of Philosophy, beginning September 1, 1968 (A), at an annual salary of \$20,000.
 55. FRANKLIN H. SILVERMAN, Assistant Professor of Speech, beginning September 1, 1968 (1Y), at an annual salary of \$12,000.
 56. ROBERT C. STALNAKER, Associate Professor of Philosophy, beginning September 1, 1968 (A), at an annual salary of \$13,000.
 57. CHARLES F. STEILEN, Assistant Professor of Advertising, beginning September 1, 1968 (1), at an annual salary of \$11,000.
 58. PHILIPPE M. TONDEUR, Associate Professor of Mathematics, beginning September 1, 1968 (A), at an annual salary of \$14,000.

59. RENÉ I. VANDENDRIES, Assistant Professor of Economics, beginning September 1, 1968 (1), at an annual salary of \$12,500.
60. J. C. VAN ES, Assistant Professor of Rural Sociology in Agricultural Economics and Sociology, beginning September 1, 1968 (1Y), at an annual salary of \$13,000.
61. YVES VELAN, Professor of French, beginning September 1, 1968 (A), at an annual salary of \$15,000.
62. PAUL C. VIOLAS, Assistant Professor of History of Education, in the Department of History and Philosophy of Education, beginning September 1, 1968 (1), at an annual salary of \$10,000.
63. NORBERT F. WILEY, Associate Professor of Sociology and in the Institute of Government and Public Affairs, beginning September 1, 1968 (A), at an annual salary of \$17,000.

Administrative Appointments Urbana

64. TOBY Y. KAHR, Director of Personnel Services, beginning July 1, 1968 (BY), at an annual salary of \$23,500.
65. CHARLES E. WARWICK, Director of Admissions and Records, with rank of Assistant Professor, beginning September 1, 1968 (BY,6Y), at an annual salary of \$19,500.

Medical Center

66. GEORGE F. MCGREGOR, Director of Personnel Services, beginning July 1, 1968 (DY), at an annual salary of \$19,500.

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

CURRICULA IN THEATRE, URBANA

(11) The Urbana-Champaign Senate recommends authorization of curricula leading to the degree of Bachelor of Fine Arts in Theatre.

On April 19, 1967, the Board approved the establishment of a Department of Theatre within the College of Fine and Applied Arts and the transfer of those aspects of the Department of Speech and Theatre oriented to performance from the College of Liberal Arts and Sciences to the new department.

The proposed curricula will provide basic knowledge and training in theatre with three areas of specialization: Acting, Directing and Playwriting Bases, Technology and Design. They are designed for the student who seeks to qualify as a theatre technician, for the student who wishes to prepare for an apprenticeship with a professional theatre company, and for the student without professional aims, who wants to specialize in an area which has strong affinities with both the liberal and the fine arts. The curricula will replace the existing curriculum leading to the Bachelor of Arts in Theatre Art in the College of Liberal Arts and Sciences.

The curricula have been approved by the Executive Committee of the College of Fine and Applied Arts. The discontinuance of the curriculum leading to the Bachelor of Arts in Theatre Art has been approved by the Department of Speech and the faculty of the College of Liberal Arts and Sciences.

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

Submitted herewith are outlines of the curricula, copies of which are being filed with the Secretary of the Board for record.

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

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

McKINLEY HOSPITAL — STUDENT FEE, URBANA

(12) The President of the University, with the concurrence of appropriate administrative officers and the University Committee on Fees, recommends that a new Hospital-Medical-Surgical fee be established on the Urbana-Champaign campus effective September, 1968, for McKinley Hospital. It is proposed that a fee of \$7.50 a semester or summer session be assessed each student to provide sufficient income to meet the present costs of health care at McKinley Hospital. Students who are assessed the fee will not be charged for hospital services at McKinley Hospital, other than for personal convenience items.

The need for such a fee has been apparent for some time, but the increase has been resisted in an effort to keep total students costs as low as possible, and, at the same time, provide adequate professional educational and health benefits. Currently, McKinley Hospital is on a charge-for-service basis, and the hospital's income is derived principally from claim payments under the present insurance program. However, the present insurance program does not provide sufficient income to meet operating costs, and support has been provided from the General Reserve. The amount of this support has reached the point that other sources of support are needed.

A special committee appointed by the Chancellor for the Urbana-Champaign campus has reviewed the financing arrangements for McKinley Hospital. After consultation with student representatives, the committee recommended that the Hospital be supported by a student fee, a method of support less expensive than providing an insurance contract which would provide, through claim payments, sufficient income to meet operational costs.

It is also recommended that the McKinley Hospital student fee be combined with the Hospital-Medical-Surgical fee (which is the subject of the following agenda item in connection with the award of an insurance contract) and that a single Hospital-Medical-Surgical fee of \$16.00 a semester or summer term be assessed. The insurance contract will provide coverage at all legally operated hospitals, other than McKinley.

Students will continue to have free choice of medical care in any legally operated hospital and may have the Hospital-Medical-Surgical fee waived if they present evidence of insurance equivalent to the University program.

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

HOSPITAL-MEDICAL-SURGICAL PROGRAMS FOR STUDENTS AND STAFF

(13) The contracts for the Hospital-Medical-Surgical insurance programs for staff and students¹ are currently underwritten by the Continental Assurance Company of Chicago. In 1964 and 1965 this firm was the successful low bidder, and in 1966 an additional program for the staff was adopted along with other improvements in benefits. The contracts have been continued without increase in premium rates but with some improvements in benefits of the staff programs. The purchase agreement provides the right of renewal of the contracts upon the mutual agreement of the insurance company and the University.

The Continental Assurance Company has agreed to place the current contracts and succeeding contracts on an Experience Rating Plan. Under this arrangement, the company will credit the policy holder with any reserves which result after the payment of claims, plus a percentage of the earned premium, which they would retain for the cost for administration of the program. The following is a schedule of the percentage of earned premium which the company would retain:

<i>Contract Year</i>	<i>Percentage of Earned Premium</i>
1967-68	5.25
1968-69	4.5
Thereafter	4.0

The University will not incur any liability for additional premiums if the claim payments exceed the premium paid.

The total costs of current medical services and the claim payments under the insurance contracts have indicated a need to substantially upgrade the benefits of our plans and to provide coverage for medical expenses not now within the scope of our present policy.

In redesigning the insurance contracts and extending coverage for medical expenses which are not currently covered, it is desirable to have an Experience Rating Plan to be sure the adjusted premiums are not excessive.

A review of both programs and the Experience Rating Plan has been made by an independent consulting firm, Corporate Policyholders Counsel, Inc., 20 North Wacker Drive, Chicago. Based upon their report, the Vice-President and Com-

¹ The student Hospital-Medical-Surgical fees have been approved by the Committee on Fees. The McKinley Hospital fee is the subject of the preceding agenda item.

troller recommends award of a contract to become effective for the policy year 1968-69 to the Continental Assurance Company, 310 South Michigan Avenue, Chicago.

A document outlining the benefits of the programs is being filed with the Secretary of the Board for record.

I concur.

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

APPROPRIATIONS FOR NONRECURRING EXPENDITURES, MEDICAL CENTER

(14) After review by the Medical Center Committee on Nonrecurring Appropriations, the Chancellor recommends the following appropriations from the:

Medical Center General Reserve 1967-68

Research and Educational Hospitals

Admissions and Hospital Clinics, equipment.....	\$ 24 500 00
Department of Radiology, equipment.....	13 750 00
Renovation and remodeling for which funds are assigned to the Physical Plant Department:	
Demolition of properties at 806, 810-12, and 816 South Ashland Avenue	15 000 00
Remodeling in the Dentistry-Medicine-Pharmacy Building for the Department of Oral Pathology in the College of Dentistry....	35 850 00
Renovation of administration offices for the College of Medicine in the Dentistry-Medicine-Pharmacy Building.....	22 300 00
<i>Total, Medical Center General Reserve 1967-68.....</i>	<i>\$111 400 00</i>

Medical Center General Reserve 1968-69

Research and Educational Hospitals

Department of Radiology, equipment.....	68 000 00
	<u>\$179 400 00</u>

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

I recommend approval.

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

APPROPRIATION BY THE ATHLETIC ASSOCIATION, URBANA

(15) The Board of Directors of the Athletic Association of the University of Illinois has approved an assignment of \$25,700 from unappropriated surplus funds of the Association for the purchase of a new stadium scoreboard.

Confirmation of this action is requested.

On motion of Mr. Clement, this action was confirmed.

CONTRACTS FOR REMODELING CHICAGO CIRCLE CENTER, CHICAGO CIRCLE

(16) The President of the University, with the concurrence of appropriate administrative officers, recommends award of the following construction contracts for remodeling portions of the sixth and seventh floors of the north wing of the Chicago Circle Center, Chicago Circle, the award in each case to the low bidder.

General—Mueller Construction Company, Chicago.....	\$50 973 00
Plumbing and Drainage—Ewing Plumbing, Inc., River Forest.....	2 999 00
Heating and Refrigeration—Admiral Heating and Ventilating, Inc., Hillside.....	3 950 00
Ventilation and Air Conditioning—Jamar-Olmen Company, Elk Grove Village.....	9 361 00
Electrical—Midwest Interstate Electrical Construction Co., Chicago..	7 998 00
<i>Total.....</i>	<i>\$75 281 00</i>

Funds are available in the Chicago Circle Center account.

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

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

CONTRACT FOR CONSTRUCTION OF EXTENSIONS TO THE UTILITIES DISTRIBUTION SYSTEM, BEHAVIORAL SCIENCES BUILDING, EDUCATION AND COMMUNICATIONS BUILDING, CHICAGO CIRCLE

(17) The President of the University, with the concurrence of appropriate administrative officers, recommends the award (subject to release by the Governor of funds available in state capital appropriations to the University for 1967-69) of a contract in the amount of \$745,000 to Abbott Contractors, Inc., Chicago, the low bidder, for construction of extensions of the utilities distribution system to the Behavioral Sciences Building and the Education and Communications Building, Chicago Circle.

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

REQUEST TO ILLINOIS BUILDING AUTHORITY TO CONTRACT FOR CONSTRUCTION OF THE UTILITIES BUILDING ADDITION, CHICAGO CIRCLE

(18) The President of the University, with the concurrence of appropriate administrative officers, recommends that the Illinois Building Authority be requested to award a contract for general construction to Herlihy Mid-Continent Company, Chicago, the low bidder for the sum of \$491,560 for the base bid (\$480,000) plus alternate No. 1 (\$11,560) for construction of an addition to the Utilities Building and proceed to procure this facility which will house heating, cooling, and electrical equipment for the use of the University at the Chicago Circle campus.

The above equipment is a part of the project for Chicago Circle Phase III construction which the Board, on July 26, 1967, requested the Illinois Building Authority to provide. The Authority will finance the construction and lease the facilities to the University for rental payments for which state appropriations are available. Jurisdiction of the land on which the project will be constructed will be transferred to the Authority at a later date.

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

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

Resolution

Be It, and It Hereby Is, Resolved by The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, that the Illinois Building Authority be, and it hereby is, requested to award to Herlihy Mid-Continent Company, 407 South Dearborn Street, Chicago, Illinois 60605, a contract for construction of the Utilities Building Addition at the Chicago Circle, Phase III, for the sum of \$491,560.00 and proceed to procure this facility for the use of the University.

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

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

**CONTRACT FOR LABORATORY EQUIPMENT FOR RESEARCH AND
LIBRARY UNIT, DENTISTRY-MEDICINE-PHARMACY BUILDING,
MEDICAL CENTER**

(19) The President of the University, with the concurrence of the appropriate administrative officers, recommends the award of a contract in the amount of \$13,261 to the Royal School Laboratories, Inc., Richmond, Virginia, the low bidder, for furnishing and setting in place laboratory equipment in Rooms 249, 252, 254, Research and Library Unit, Dentistry-Medicine-Pharmacy Building at the Medical Center campus.

The work is a part of a program to upgrade existing laboratories by moving partitions, installing new laboratory equipment, raising the lighting level, and air conditioning in rooms to be used by the Department of Biochemistry in the College of Medicine.

Funds for this work are available from the Medical Center Contract Research Reserve.

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

**REQUEST FOR RELEASE OF FUNDS FOR CONSTRUCTION
OF MEDICAL RESEARCH LABORATORY, MEDICAL CENTER**

(20) The President of the University, with the concurrence of appropriate administrative officers, recommends that the University request the Board of Higher Education to release \$1,460,000 from the "Reserve for Unrealized Funding" in order to permit the receipt of bids and finance the construction costs on the Medical Research Laboratory Addition at the Medical Center campus.

The Illinois General Assembly declared in the public interest the construction of the Medical Research Laboratory Addition in the amount of \$3,385,500, including \$1,460,000 to be financed from federal funds.

The federal grant has not been received. The Public Health Service Council has recently reported, in response to questions from the University, that the application was favorably recommended by the Council but at an undisclosed amount below the funds requested. The University was further advised that there is no chance of obtaining federal funds in 1968, nor even a good chance that this application will be partially funded in fiscal year 1969, due to substantial reductions in the funds available for such grants. Furthermore, the project may never be funded, as the number of approved projects is always well in excess of funds available.

Under the Public Health Service regulation, Paragraph 59.8(c), the University may bid this project prior to award of the federal grant, but if this procedure is followed, it is probable that no federal funding will ever be realized.

While the total funds required to complete construction are within the amount declared in the public interest by the Seventy-fifth General Assembly, the Board of Higher Education has arranged with the Illinois Building Authority that the Authority will not use a portion of the amount declared by the General Assembly to be in the public interest until the State Board specifically approves such use.

These reserved amounts include a "federal funding reserve" to be used to make up the difference between the estimated and realized funding.

In accordance with the procedure adopted by the Board of Higher Education on October 3, 1967, and in order to complete construction as planned, it is necessary that the University request the Board of Higher Education and the Illinois Building Authority to release \$1,460,000 from the "federal funding reserve."

Cost consultants to the Illinois Building Authority have projected substantial escalation of construction costs, and in view of the probable delay on this project in anticipation of the federal grant, plus the probability that the federal grant will be substantially below that requested, the University requests permission to proceed without the federal grant if the funds in the above amount are released by the Board of Higher Education.

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

REQUEST FOR RELEASE OF FUNDS FOR CONSTRUCTION OF ADDITION TO LIBRARY BUILDING, URBANA

(21) The President of the University with the concurrence of appropriate administrative officers, recommends that the University request the Board of Higher Education to release \$131,105 from the "Reserve for Unrealized Funding" in order to permit the receipt of bids and finance the construction costs on the Library Addition at the Urbana-Champaign campus.

The Illinois General Assembly declared in the public interest the construction of the Library Addition in the amount of \$1,836,200, including \$131,105 to be financed from federal funds.

The federal grant (Title I) of \$131,105 has been approved. The plans and contract documents have been completed, and bids could be received from contractors on August 6, 1968. However, approval to advertise for the receipt of construction bids must be obtained from the Department of Health, Education, and Welfare; this is not possible under the existing "freeze" on federal funds.

In addition, the University submitted an application for a Title II grant in the amount of \$407,936. It was realized when the application was submitted that there was little hope that it would be approved. The University has now been told that the application would not be reviewed until the Spring of 1969 and funds would not be available, even if approved, until fiscal 1970.

As noted in the preceding agenda item, while the total funds required to complete construction are within the amount declared in the public interest by the Seventy-fifth General Assembly, the Board of Higher Education has arranged with the Illinois Building Authority that the Authority will not use a portion of the amount declared by the General Assembly to be in the public interest until the State Board specifically approves such use.

In accordance with the procedure adopted by the Board of Higher Education, 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 \$131,105 from the "Reserve for Unrealized Funding."

In view of the indefinite period of the "freeze," the escalation of construction costs, and the small percentage of the approved grant to the project cost, the University requests permission to proceed without the use of the federal grant if the above amount is released by the Board of Higher Education.

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

CONTRACTS FOR REMODELING MUMFORD HALL, URBANA

(22) The President of the University, with the concurrence of appropriate administrative officers, recommends award of the following cost-plus contracts based

on percentages bid for the contractors' fees for remodeling a portion of Mumford Hall for the College of Agriculture, the award in each case to the low bidder.

	<i>Per Cent for Material</i>	<i>Per Cent for Labor</i>	<i>Per Cent for Sub- contracts</i>	<i>Estimated Tool Rental Costs</i>	<i>Estimated Fee Payments and Tool Rental Costs</i>
General — Dean Evans Co., a Delaware Corporation, 509 South Belmont Avenue, Champaign.....					
	3	26	12	0	\$2 425 00
Total estimated payments — \$15,925.00					
Electrical — Remco Electrical Corporation, a Delaware Corporation, 920 West Bradley Avenue, Champaign..					
	5.7	24	0	0	1 531 20
Total estimated payments — \$9,231.20					
Heating, Piping, Refrigeration and Automatic Temperature Control Systems Work — Reliable Plumbing & Heating Company, a Delaware Corporation, 1607 South Neil Street, Champaign.....					
	23	45	5	\$38	2 533 00
Total estimated payments — \$9,633.00					
Ventilation and Distribution Systems for Conditioned Air Work — Reliable Plumbing & Heating Company, a Delaware Corporation, 1607 South Neil Street, Champaign.....					
	23	45	5	30	1 840 00
Total estimated payments — \$6,440.00					

Since Reliable Plumbing & Heating Company, Champaign, is the low bidder for both heating, piping, refrigeration and automatic temperature control systems work, and ventilation and distribution systems for conditioned air work, it is also recommended that these awards be combined in a single contract.

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

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

CONTRACTS FOR CONSTRUCTION AT MEMORIAL STADIUM, URBANA

(23) The President of the University, with the concurrence of appropriate administrative officers, recommends the award (subject to release by the Governor of funds available in state capital appropriations to the University for 1967-69) of the following cost-plus contracts based on percentages bid for contractors' fees for moving and reconstructing a portion of the north wall of Memorial Stadium, including the Zuppke Memorial, the award in each case to the low bidder.

	<i>Per Cent for Material</i>	<i>Per Cent for Labor</i>	<i>Per Cent for Sub- contracts</i>	<i>Estimated Tool Rental Costs</i>	<i>Estimated Fee Payments and Tool Rental Costs</i>
General — English Brothers Company, a Delaware Corpo- ration, 807 North Neil Street, Champaign.....	3	22.85	2	\$2 411 00	\$10 673 00
Total estimated payments — \$82,673.00					
Plumbing — Willis and W. C. Thomas, a Partnership, doing business as Thomas Plumb- ing & Heating Co., 205 East Main Street, Urbana.....	15	40	5	0	840 00
Total estimated payments — \$4,440.00					

This work is required to permit the construction of the Intramural-Physical Education Building. It is anticipated that award of the construction contract for that building will be recommended to the Board of Trustees in July, 1968, and construction begun in August, 1968. The award of a separate contract now for the relocation of the Stadium wall is necessary to complete the work prior to the first football game on September 21, 1968.

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

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

CONTRACT FOR INSTALLATION OF EQUIPMENT FOR STEAM DISTRIBUTION SYSTEM, URBANA

(24) The President of the University, with the concurrence of appropriate administrative officers, recommends the award (subject to release by the Governor of funds available in state capital appropriations to the University for 1967-69) of a contract for \$124,421 to The Nu-Way Contracting Corp., Chicago, the low bidder, for installation of six pressure-reducing stations required to increase the pressure in the steam distribution system throughout the Urbana campus.

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

CONTRACT FOR INSULATION OF EQUIPMENT IN ABBOTT POWER PLANT, URBANA

(25) The President of the University, with the concurrence of appropriate administrative officers, recommends the award (subject to release by the Governor of funds available in state capital appropriations to the University for 1967-69) of a contract for \$17,840 to Champaign A&K Insulation Company, Champaign, the low bidder, for insulation of equipment being installed in the Abbott Power Plant required to increase the pressure in the steam distribution system throughout the campus.

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

LEASING OF CHANCELLOR'S HOUSE, URBANA

(26) The duties of the Chancellor at the Urbana Campus require that he reside in a facility suitable for those functions which must be carried out as a part of his responsibilities for institutional services.

With some remodeling, the property at 101 West Meadows in Urbana will meet the needs of both the University and the Chancellor. This property can be acquired by the University of Illinois Foundation at a cost of \$85,000; the figure is within appraisals received by the University.

The Foundation proposes to finance the acquisition and remodeling of this facility by borrowing \$100,000 at 4 per cent interest for a ten-year period. Of this amount, \$85,000 will be employed to purchase the property and the balance will be devoted to necessary remodeling.

The Chancellor will reside in this facility as a part of his responsibilities of employment. However, he will pay an annual rental to the University of \$4,200, to be adjusted to reflect fluctuations in costs.

The President of the University, with the concurrence of appropriate administrative officers, recommends that the Board of Trustees authorize a lease with the Foundation for this property at an annual rental sufficient to amortize the loan. Funds are available in the Physical Plant Budget for this purpose.

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

AMENDMENT TO LEASING OF MEMORIAL STADIUM

(27) In connection with the development of a maintenance program for Memorial Stadium and the construction of a new press box for the Stadium, the Board, at its meeting on April 19, 1967, authorized the leasing of Memorial Stadium to the University of Illinois Foundation and requested the Foundation to borrow \$1,000,000 for the construction from The First National Bank of Chicago.

The loan, at $3\frac{1}{4}$ per cent interest over a ten-year period, will be repaid by the Foundation from payments received by the University from the Athletic Association, and which Athletic Association will operate the Stadium. The Foundation will lease the Stadium for a period of fifteen years or until the loan is repaid, whichever first occurs, and sublease the property back to the University on a biennial basis at a rental sufficient to amortize the loan and cover related costs of the Foundation.

It has now been determined that additional repairs and improvements to Memorial Stadium are necessary. In order to provide financing for this additional program, The First National Bank of Chicago has agreed to loan the Foundation \$500,000 at 4 per cent interest over a nine-year period, which will be repaid from payments to be received by the University from the Athletic Association.

The President of the University, with the concurrence of the Director of the Physical Plant and the Vice-President and Comptroller, recommends that the original documents be amended or supplemented to provide for the \$500,000 increase and applicable increase in rental and interest payments.

In connection with the above, adoption of the following resolution is requested.

First Supplemental Resolution Re University of Illinois Memorial Stadium

WHEREAS, The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, at its meeting on April 19, 1967 authorized the

Comptroller and Secretary of this public corporation in the name of, and on behalf of, this public corporation:

(1) to sign, execute and deliver an agreement with and to University of Illinois Foundation, a not-for-profit corporation of the State of Illinois, hereinafter referred to as "Foundation," which agreement shall provide that this public corporation will lease property owned by it in Champaign, Illinois upon which Memorial Stadium is located to Foundation; that Foundation will borrow money for the purpose of constructing, and will construct, on said property a New Press Box and perform repair and maintenance work on Memorial Stadium and secure architectural and engineering services in connection therewith; that Foundation will sublease said premises, including the building and facilities thereon, to this public corporation at a rental sufficient to pay Foundation's indebtedness incurred in connection with the construction, repair and maintenance work for said building and facilities; and that upon completion of the repayment of said indebtedness from said rentals title to said property, including all improvements and facilities thereon, shall be vested in this public corporation; and

WHEREAS, pursuant to said authorization, an Agreement, Lease, and Sublease was entered into with Foundation; and Foundation entered into a Loan Agreement dated June 1, 1967 with THE FIRST NATIONAL BANK OF CHICAGO, a national banking association, organized and existing under and by virtue of the laws of the United States of America and doing business and having its principal office in the City of Chicago, County of Cook, and State of Illinois, hereinafter referred to as the "Bank", providing for a loan in the principal amount of One Million Dollars (\$1,000,000.00) for the purpose of financing certain improvements and repairs to Memorial Stadium; and

WHEREAS, it has been determined that an additional loan of Five Hundred Thousand Dollars (\$500,000.00) is required in connection with said repairs and improvements to Memorial Stadium; and

WHEREAS, Foundation is willing, upon amendment being made to the Agreement, Lease, and Sublease to provide for an appropriate increase in rental, to enter into a Supplemental Loan Agreement with the Bank providing that the Foundation agrees to issue and deliver to the Bank against the making by the Bank of such loan to the Foundation, a promissory note in the principal amount of Five Hundred Thousand Dollars (\$500,000.00) with interest thereon at the rate of four percent (4%) per annum payable to the order of the Bank in 35 consecutive installments of principal and interest each in the amount of Sixteen Thousand Six Hundred Seven Dollars and Fifteen Cents (\$16,607.15) on the first day of September, December, March, and June in each year thereafter beginning September 1, 1968, and a final payment of the balance then due on June 1, 1977.

Now, Therefore, Be It, and It Hereby Is Resolved, 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 enter into an amendment of the Agreement, Lease, and Sublease, or to enter into a supplemental agreement, with Foundation, to pay an increased rental on a biennial basis in accordance with the above in consideration of Foundation's performing the additional improvement and repair of Memorial Stadium;

(2) 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 said indebtedness, and in making payments of and disbursements from and of funds made available by the creditor of Foundation for the purpose of said improvement and repair of Memorial Stadium;

(3) to enter into an amendment of the present agreement or to enter into a supplemental agreement with The Athletic Association of the University of Illinois, a not-for-profit corporation of the State of Illinois, providing for the operation of Memorial Stadium at an increased rental or operating charge sufficient in amount to provide for the amortization of said additional Foundation indebtedness in consideration of the proposed improvements and repairs being made to Memorial Stadium; and

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

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

EMPLOYMENT OF ARCHITECTS FOR PHASE IV, CHICAGO CIRCLE

(28) The President of the University, with the concurrence of appropriate administrative officers, recommends employment of the following firms for Phase IV (1969-71) construction at the Chicago Circle campus at the indicated fees based on actual construction contracts:

<i>Project</i>	<i>Firm</i>	<i>Fee</i>
Administrative Offices Building.....	Harry Weese & Associates, Ltd.	5½%
Business Administration Building.....	Harry Weese & Associates, Ltd.	5½%
Library Addition.....	Skidmore, Owings & Merrill	5½%
Architecture and Art Laboratories		
Addition	Skidmore, Owings & Merrill	5½%
Science and Engineering-South Addition	Skidmore, Owings & Merrill	6 %

Funds are available in state capital appropriations for the services to be completed in this biennium, subject to the release by the Governor.

The Advisory Committee on Architectural and Engineering Services and the Committee on Buildings and Grounds have reviewed and approved these recommendations.

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

CONTRACT FOR PROFESSIONAL DESIGN SERVICES. OFFICE BUILDING, MEDICAL CENTER

(29) The President of the University, with the concurrence of appropriate administrative officers, recommends award of a contract, subject to release of funds, to Loeb Schlossman Bennett & Dart, Chicago, for design services in connection with the interior furnishing and equipping of the new Office Building at the Medical Center campus.

The fee will be based on timecard charges at the firm's usual and customary hourly rates, plus 150 per cent to cover overhead and profit. The estimated total expenditure is not to exceed \$18,000.

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

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

UNIVERSITY PARTICIPATION IN LAND ACQUISITION FOR CITY PARKING FACILITY, CHAMPAIGN

(30) The city of Champaign and certain campus businessmen are cooperating for the purchase of certain properties on the north side of Green Street between Fifth and Sixth Streets, commonly known as 524 and 528 East Green Street, Champaign, for the construction of additional city parking facilities. The total cost of acquisition of this property is \$170,700, of which the City will bear 75 per cent and the campus businessmen the balance. The City will provide the improvements, including covering of the Boneyard, which will permit the integration of the proposed parking lot with an existing city lot to the north. Upon completion of the additional parking facilities, the City will prohibit all parking on Green Street between Fourth and Wright Streets.

The campus businessmen have requested the University to participate in this project in the amount of \$8,000. The project will benefit the University by providing additional metered parking in the campus area and by improving the flow of traffic on Green Street.

Because of the direct benefits to the Illini Union Bookstore, the President of the University, with the concurrence of appropriate administrative officers, recommends that participation in the project be approved in principle and that the cost be funded through the operating budget of the Illini Union Bookstore.

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

APPLICATION FOR GRANT FUNDS UNDER PUBLIC HEALTH SERVICE ACT, AS AMENDED, URBANA

(31) Under the Public Health Service Act, as amended, the United States Secretary of Health, Education, and Welfare is authorized to grant funds for the construction, rehabilitation, and improvement of certain academic and related facilities. The requirements of the Department of Health, Education, and Welfare for the submission of applications for grants under the Act necessitate the adoption of a formal resolution by the Board authorizing the filing of applications and designating the person to act on behalf of the University in connection therewith.

Accordingly, it is recommended that the Board of Trustees adopt the following resolution authorizing the filing of an application for a grant under the Public Health Service Act, as amended, for the project described as Construction of Speech and Hearing Clinic and Research Building at Champaign-Urbana campus; and authorizing the Comptroller to act for the University.

Resolution Authorizing the Filing of Application for Grant Funds Under Public Health Service Act, as Amended

WHEREAS, the Secretary of Health, Education and Welfare is authorized under the Public Health Service Act, as amended, to grant funds for the construction, rehabilitation, and improvement of certain academic and related facilities; and

WHEREAS, The Board of Trustees of the University of Illinois, the governing body of the University of Illinois, hereinafter called the Applicant, is cognizant of the conditions under which grant funds are made available and approved for payment to an applicant; and

WHEREAS, it is the sense of the governing body of the Applicant that it is desirable to apply for grants under the aforementioned act for the project described as Construction of Speech and Hearing Clinic and Research Building at Champaign-Urbana Campus.

Now, therefore, be it

Resolved, that application for the project described above is authorized and directed to be filed with the Illinois Board of Higher Education, with the understanding that if upon due consideration by said board, applying the criteria of the State plan, said application receives a priority rating sufficiently high to receive grant funds under the aforementioned act, said application will be forwarded to the Secretary of Health, Education and Welfare for consideration for his approval; and be it further

Resolved, that The Board of Trustees of the University of Illinois designates H. O. Farber, Comptroller, as the officer authorized to file the application and act as the representative of this Board in connection with said application.

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

**APPLICATION FOR GRANT FUNDS UNDER VETERINARY MEDICAL
EDUCATION ACT OF 1966, URBANA**

(32) Under the Veterinary Medical Education Act of 1966, the United States Secretary of Health, Education, and Welfare is authorized to grant funds for the construction, rehabilitation, and improvement of certain academic and related facilities. The requirements of the Department of Health, Education, and Welfare for the submission of applications for grants under the Act necessitate the adoption of a formal resolution by the Board authorizing the filing of applications and designating the person to act on behalf of the University in connection therewith.

Accordingly, it is recommended that the Board of Trustees adopt the following resolution authorizing the filing of an application for a grant under the Veterinary Medical Education Act of 1966 for the project described as Construction of Large Animal Clinic at Champaign-Urbana Campus; and authorizing the Comptroller to act for the University.

**Resolution Authorizing the Filing of Application for Grant Funds Under
Public Law 88-129 of September 1963, as Amended by Public Law 89-290
on October 22, 1965, and Public Law 89-709 of November 2, 1966**

WHEREAS, the Secretary of Health, Education and Welfare is authorized under the Veterinary Medical Education Act of 1966 to grant funds for the construction, rehabilitation, and improvement of certain academic and related facilities; and

WHEREAS, The Board of Trustees of the University of Illinois, the governing body of the University of Illinois, hereinafter called the Applicant, is cognizant of the conditions under which grant funds are made available and approved for payment to an applicant; and

WHEREAS, it is the sense of the governing body of the Applicant that it is desirable to apply for grants under the aforementioned act for the project described as Construction of Large Animal Clinic at Champaign-Urbana Campus.

Now, therefore, be it

Resolved, that application for the project described above is authorized and directed to be filed with the Illinois Board of Higher Education, with the understanding that if upon due consideration by said board, applying the criteria of the State plan, said application receives a priority rating sufficiently high to receive grant funds under the aforementioned act, said application will be forwarded to the Secretary of Health, Education and Welfare for consideration for his approval; and be it further

Resolved, that The Board of Trustees of the University of Illinois designates H. O. Farber, Comptroller, as the officer authorized to file the application and act as the representative of this Board in connection with said application.

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

**GRANT FOR IMPROVEMENTS AT UNIVERSITY OF ILLINOIS-
WILLARD AIRPORT**

(33) The President, on recommendation of the Vice-President and Comptroller, recommends the adoption of the following resolution for acceptance of a grant of \$370,425 from the Federal Aviation Administration for the acquisition of approximately 129 acres of land, and for extending and lighting the northwest runway and the northwest-southeast taxiway at Willard Airport.

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

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

University of Illinois, a formal Grant Offer dated May 23, 1968, pursuant to the Project Application of The Board of Trustees of the University of Illinois, submitted to the Federal Aviation Administration dated February 23, 1968, all as hereinbelow set forth, and all relating to the development of the University of Illinois-Willard Airport, the same bearing FAA Project No. 9-11-026-C806; and

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

WHEREAS, a copy of the said Grant Offer¹ is attached to this resolution and is incorporated by reference therein.

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

1. That The Board of Trustees of the University of Illinois accepts, and it does hereby accept, the Grant Offer extended to it by the Administrator of the Federal Aviation Administration, for and in behalf of the United States, in the words, figures and form as hereinabove set forth, and that it shall enter into a Grant Agreement with the United States by causing the Acceptance thereof, in the words, figures and form as hereinabove set forth, to be duly executed in its name and for and in its behalf.
2. That to accomplish the foregoing, H. O. Farber, Comptroller, be and he is hereby authorized and directed to execute, for and in behalf of The Board of Trustees of the University of Illinois, the said Acceptance of the said Grant Offer, and that Earl W. Porter, Secretary, be and he is hereby authorized and directed to attest said execution and to impress thereon the Official Seal of The Board of Trustees of the University of Illinois.
3. That the Project Application dated February 23, 1968, executed and submitted to the Federal Aviation Administration by The Board of Trustees of the University of Illinois, relating to FAA Project No. 9-11-026-C806, including all the statements, representations, warranties, covenants, and agreements contained therein, be and the same is hereby ratified and adopted.
4. That the Agency and Participation Agreement attached thereto and by reference made a part thereof, entered into on the 23rd day of February, 1968, by The Board of Trustees of the University of Illinois, and on the 26th day of February, 1968, by the State of Illinois, Department of Aeronautics, be and the same is hereby confirmed and ratified.

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

ILLINI MEADOWS, URBANA

(34) The President of the University, with the concurrence of appropriate administrative officers, recommends that the recreational area now under development south of Florida Avenue and east of Lincoln Avenue, Urbana, be designated "Illini Meadows."

This project and site for the development of a recreational area was approved by the Buildings and Grounds Committee on May 29, 1958, and in subsequent years has been informally referred to as the "New Illini Grove." The new name "Illini Meadows" is proposed to prevent any confusion in designations.

The site consists of approximately thirty-three acres and the plans have provided for a ten-year phased improvement during each biennium since 1960. The facility is scheduled to open for limited University recreational use during the summer of 1969. To date, the site grading, drainage, extension of utilities, lawn construction, and basic planting have been accomplished. Funds are provided in the 1967-69 capital appropriation for the construction of a substantial part of the site facilities, including the secondary shelter structure. Funds for the main head-

¹ The Grant Offer has been entered in and has become a part of the official minutes of the Board of Trustees, filed with the Secretary of the Board.

quarters shelter building and the balance of facilities have been requested for 1969-71.

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

PROPOSED CHANGE IN MAXIMUM INTEREST RATES

(35) The state statutes which authorize The Board of Trustees of the University of Illinois, the Board of Trustees of Southern Illinois University, the Board of Regents, and the Board of Governors to issue revenue bonds to finance the construction of residence halls, union buildings, etc. include a restriction that the effective interest rate on bonds issued can not exceed five per cent. Current interest rates are such that it is unlikely that revenue bonds can be sold in today's market under this restriction.

The Board of Governors, the Board of Regents, and the Board of Trustees of Southern Illinois University have agreed to request the General Assembly to amend the statutes to provide that bonds may be sold so long as the effective interest cost does not exceed six per cent. The Vice-President and Comptroller recommends that The Board of Trustees of the University of Illinois authorize its administrative officers to request a similar amendment to the statutes which relate to the University of Illinois.

I concur.

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

CONTRACT FOR SCHOOL OF MUSIC RECORDING, URBANA

(36) For many years the School of Music has been seeking an effective method of distributing recordings of the performances of new music by contemporary composers and music of great historical significance. Distribution through University channels has been of limited effectiveness.

During 1967 the University entered into agreements with Metro-Goldwyn-Mayer for the release of records containing seven compositions by five University of Illinois composers, and such releases have been very successful. The Elektra Corporation of New York now has offered a contract to record a composition by two University of Illinois composers to be performed under University sponsorship in July. It is proposed that the Elektra Corporation reimburse the University a total amount of \$500 to cover the cost of preparing a tape of the performance for release on commercial records, and for the conveyance of title thereto to the Elektra Corporation.

The President of the University, with the concurrence of the Chancellor at Urbana, the Executive Vice-President and Provost, and the Vice-President and Comptroller, recommends that authority be granted to enter into this contract with Elektra Corporation.

On motion of Mr. Jones, authority was given as recommended.

RECOMMENDATIONS FROM THE UNIVERSITY COMMITTEE ON COPYRIGHTS AND RECORDINGS

Assignment of Income from Rental of Video-Taped Lessons

(37) Professor E. G. Smith, Jr., a former faculty member of the University, produced a series of video-taped lessons in the field of geography in 1964. From the rental of these tapes to the Great Plains Regional Instructional Library, the University has received income amounting to \$360. The entire costs of the production were met with funds provided from external grants, and hence all of the rental fees constitute net income.

The University Committee on Copyrights and Recordings was asked to review the circumstances related to the production of these video-taped lessons by Professor Smith and to recommend an appropriate disposition of the accumulated rental fees. In the light of its review, the Committee has recommended that the entire amount be awarded to Professor Smith, in view of the unusual amount of time and energy required for the preparation of these lessons.

Assignment of Royalties for Book Resulting from Research Under a Grant from the National Institute of Mental Health

Professor Lee J. Cronbach, a former faculty member of the University of Illinois,

received research support for several years from the National Institute of Mental Health. A book based on this work is to be published in 1969 by John Wiley and Sons, under the authorship of Professor Cronbach and several associates.

The University Committee on Copyrights and Recordings was asked to review recommendations from the College of Education concerning the distribution of royalties from the book, and the Committee concurs in the proposed payment of the royalties, as follows:

1. \$1,000 to reimburse Professor Cronbach for direct costs incurred in preparation of the manuscript.
2. Up to \$1,000 each to Professor Nanda and to the son of Professor Rajaratnam (the latter having died during the time of revision of the manuscript).
3. All additional royalty income to go to the University of Illinois.

The Executive Vice-President and Provost endorses the Committee's recommendations in both of these cases.

I concur.

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

INVITATION TO PRESIDENT TO PARTICIPATE IN QUINQUENNIAL MEETING OF ASSOCIATION OF UNIVERSITIES OF THE BRITISH COMMONWEALTH

(38) I request the Board of Trustees to authorize my attendance at the Quinquennial meeting of the Association of Universities of the British Commonwealth to be held in Australia in August, 1968. The official visitation is scheduled for the period from August 12-24. The mission will involve no travel expense to the University of Illinois.

My attendance will be as Chairman of the delegation of twelve American university presidents sponsored by the Association of American Universities. The trip is part of a program, extending over a period of years, in which interchange with universities abroad has been encouraged and where administrative heads of leading American institutions have been made available as resource people at formal conferences abroad. Travel will be on American carriers, where available.

Ranking administrative officers on the several campuses and on the general staff will be on duty during the month of August.

On motion of Mr. Grimes, authority was given as requested.

PURCHASES

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

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

The total amount of these purchases were:

From Appropriated Funds.....	\$ 500 180 86
From Institutional Funds.....	1 473 626 37
<i>Total</i>	<i>\$1 973 807 23</i>

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

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

COMPTROLLER'S REPORT OF PURCHASES APPROVED

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

This report was received for record.

QUARTERLY REPORT OF THE COMPTROLLER

(41) The Comptroller presented his quarterly report to the Board as of March 31, 1968.

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

COMPTROLLER'S MONTHLY REPORT OF CONTRACTS EXECUTED

(42) 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>
University of Iowa	Academic year abroad program (in France)	\$ 33 000 00
United States Air Force AFOSR-68-1579	Research in optimization of control systems with uncertainties	31 837 00
F 33615-68-C-1522	Design, construct, and experimentally validate information acquisition via microfilm	39 755 00
United States Army DA-ARO-D31-124-1009	Dipoles in solution — thermodynamics and kinetics	54 000 00
United States Department of Health, Education, and Welfare OEG-0-8-080483-3539 (032)	Midwest region invitational conference — in the education of handicapped children	19 795 00
Total		\$178 387 00

Change Orders

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
Association of American Railroads	The behavior of riveted and bolted structural joints	\$ 44 000 00
Illinois Department of Conservation	Fisheries research	35 000 00
Union Carbide Corporation, Nuclear Division	Prestressed concrete pressure vessels for nuclear reactors	112 035 00
United States Army DA-49-193-MD-2909	Determination of free bromine in water	20 114 00
DA DA17-67-C-7062	Attempt to formulate a disinfectant in tablet (or other) form for the disinfection of small quantities (canteens) of drinking water	17 985 00
Total		\$229 134 00

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>
Barber & DeAtley, Inc.	Cost-plus contracts — general	\$ 5 000 00
	Altgeld Hall	11 000 00
	Geological Survey Laboratory	15 600 00
	911 West High Street	10 500 00
	Horse Barn	6 500 00
	805 West Pennsylvania Avenue	9 000 00
	Undergraduate Library	5 650 00
Berger-Kelly-Unteed-Skaggs and Associates	Concrete and soil testing services	
	Civil Engineering Building Phase IIa	
Total		\$63 250 00

Summary

Amount to be paid to the University.....	\$407 521 00
Amount to be paid by the University.....	63 250 00

This report was received for record.

INVESTMENT REPORT**Report of the Finance Committee**

(43) The Finance Committee reported the following changes in investments of endowment funds for the month of April, 1968:

Beckwith

Purchase

\$33 000 U.S. Treasury bills due 2/28/69..... \$ 31 475 40

Pool

Sales

\$13 000 Walter E. Heller & Company open-end demand notes..... 13 000 00
40/100 share Shulton common stock..... 18 24

Purchases

800 shares Columbia Broadcasting System common stock..... 43 755 44
100 shares International Business Machines common stock..... 58 925 00
800 shares Northwest Bancorporation common stock..... 50 737 38
700 shares Radio Corporation of America common stock..... 38 237 50
400 shares Texas Instruments common stock..... 44 337 64

Rust

Purchase

\$47 000 Commercial Credit Corporation open-end notes..... 47 000 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, for the month of April, 1968:

Current Funds

ART OBJECTS

Purchase

\$63 000 U.S. Treasury bills due 12/31/68..... \$ 60 640 86

FORD FOUNDATION NONWESTERN PROGRAMS

Sale

\$80 000 U.S. Treasury 3½ per cent bonds due 5/15/68..... 81 186 54

RESTRICTED GROUP

Sale

\$1 000 000 Hallmark Cards notes due 5/3/68..... 997 909 72

Purchase

\$1 000 000 Atlantic Richfield notes due 8/5/68..... 981 472 22
1 000 000 Cargill notes due 5/3/68..... 997 909 72
700 000 Hallmark Cards notes due 8/5/68..... 688 187 50
500 000 Northern Trust acceptance due 7/23/68..... 491 774 31

Construction Funds

GRADUATE HOUSING

Sale

\$5 000 U.S. Treasury bills due 10/31/68..... 4 855 61

KRANNERT CONTRIBUTIONS

Purchase

\$58 000 U.S. Treasury bills due 6/27/68..... 57 458 21

ORCHARD APARTMENTS

Sale

\$43 000 U.S. Treasury bills due 11/30/68..... 41 492 63

This report was received for record.

**PROGRAM FOR STUDY IN EUROPE FOR STUDENTS
IN ARCHITECTURE, URBANA**

(44) On November 10, 1966, the Board approved a program for study in Europe for students in architecture. This program has been in operation since January 1, 1967, at La Napoule in southern France. On June 20, 1967, the Board authorized the leasing of premises in La Napoule for the operation of the program for the period October 1, 1967, through May 31, 1968.

The Department of Architecture considers the program successful and desires to continue with it. It is proposed that the University lease living quarters, office space, and a studio in La Napoule for the period October 1, 1968, through May 31, 1969, with an option to renew for the next academic year at an annual rental of \$7,040. The total payments, including services, are estimated to be approximately \$13,000 for the year.

Participating students have agreed to provide such financial support as will provide funds for these arrangements. The Department of Architecture will inform the qualified students who apply that if their financial condition is such as to make it impossible for them to meet the added cost, the Department will support their applications for student aid.¹

Costs of instruction will not exceed those at the Urbana-Champaign campus insofar as the expenditure of state funds is concerned. Transportation of staff and operational costs of the studio will be handled by other than state funds. Students will incur approximately the same living costs as they presently do at the Urbana-Champaign campus, plus travel and personal expenses.

The President of the University, with the concurrence of the Executive Vice-President and Provost and the Chancellor at the Urbana-Champaign campus, recommends that the Secretary and Comptroller be authorized to execute the lease described and subsequent renewals as deemed advisable.

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

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

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

On motion of Mr. Clement, this item was tabled for one month.

**TRANSFER OF JURISDICTION OF LAND TO THE ILLINOIS BUILDING
AUTHORITY FOR CONSTRUCTION OF THE INTRAMURAL-PHYSICAL
EDUCATION BUILDING, URBANA**

(46) The Intramural-Physical Education Building at Urbana is one of the projects in the 1967-69 capital program which the Board of Trustees requested the Illinois Building Authority to provide.

The Illinois Building Authority plans to sell bonds the latter part of this month and in order that this project can be included in the projects to be financed by the sale of these bonds, the Authority has requested the Board of Trustees to authorize the transfer of jurisdiction of land on which the building will be constructed.

Accordingly, the President of the University, with the concurrence of appropriate administrative officers, recommends that the Comptroller and Secretary of the Board be authorized to make, execute, acknowledge, and deliver such instruments as are necessary to complete this transfer. Adoption of the resolution submitted herewith is required to implement the above.

Resolution

WHEREAS, the Seventy-fifth General Assembly of the State of Illinois has declared it to be in the public interest that the Illinois Building Authority construct, on behalf of The Board of Trustees of the University of Illinois, an Intramural-Physical Education Building at the Urbana campus of the University of Illinois; and

WHEREAS, for that purpose it will be necessary for the Illinois Building

¹ Efforts continue to develop a similar program for students in architecture at the Chicago Circle campus.

Authority to acquire jurisdiction of the real estate upon which said building will be located; and

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

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

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

Instrument of Transfer

In accordance with the provisions of "An Act to create the Illinois Building Authority and to define its powers and duties" approved August 15, 1961, as amended, and resolution No. 68, IBA 170, adopted on the 27th day of May, 1968, by the Illinois Building Authority, a body corporate and politic of the State of Illinois, created under said above-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:

Situated in the State of Illinois, the County of Champaign, in the Southwest Quarter (SW $\frac{1}{4}$) of Section 18, T 19 N, R 9 E of the 3rd P.M. and being a part of Lots 9, 10, 11 and 12 of WILLIAM WILLIAMSON'S SUBDIVISION" of the West -half (W $\frac{1}{2}$) of the Southwest Quarter (SW $\frac{1}{4}$) of the said Section 18, and being more fully described as follows:

Beginning at the Southwest Corner of the Southwest Quarter (SW $\frac{1}{4}$) of Section 18, thence North along the West line of Section 18, a distance of One thousand two hundred fourteen and four tenths (1214.4) feet, to the Center line of Peabody Drive; thence East along the Center Line of Peabody Drive a distance of Three Hundred Eighty three and Five hundredths (383.05) feet; thence South a distance of Seventy-four and eleven hundredths (74.11) feet, to the point of beginning of the tract herein described; Thence continuing South a distance of Three hundred fifty-seven and twenty three hundredths (357.23) feet; thence East a distance of Six hundred Sixty-nine and eighty hundredths (669.80) feet; thence North a distance of Three hundred Fifty-seven and twenty-three hundredths (357.23) feet; thence West a distance of Six hundred Sixty-nine and eighty hundredths (669.80+) feet, more or less, to the point of beginning. Containing Five and forty-nine hundredths (5.49+) Acres, more or less.

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____.

DEGREES CONFERRED

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

Summary

Chicago Circle*Degrees Conferred September 5, 1967*

College of Liberal Arts and Sciences	
Bachelor of Arts.....	109
Bachelor of Science.....	31
<i>Total, College of Liberal Arts and Sciences.....</i>	<i>(140)</i>
College of Business Administration	
Bachelor of Science.....	36
College of Architecture and Art	
Bachelor of Architecture.....	3
Bachelor of Arts.....	7
<i>Total, College of Architecture and Art.....</i>	<i>(10)</i>
<i>Total, Degrees Conferred at Chicago Circle September 5, 1967.....</i>	<i>186</i>

Degrees Conferred December 11, 1967

College of Liberal Arts and Sciences	
Bachelor of Arts.....	90
Bachelor of Science.....	25
<i>Total, College of Liberal Arts and Sciences.....</i>	<i>(115)</i>
College of Business Administration	
Bachelor of Science.....	43
College of Architecture and Art	
Bachelor of Architecture.....	10
Bachelor of Arts.....	7
<i>Total, College of Architecture and Art.....</i>	<i>(17)</i>
<i>Total, Degrees Conferred at Chicago Circle December 11, 1967.....</i>	<i>175</i>

Degrees Conferred March 18, 1968

Graduate College	
Master of Science.....	1
College of Engineering	
Bachelor of Science.....	13
College of Liberal Arts and Sciences	
Bachelor of Arts.....	108
Bachelor of Science.....	32
<i>Total, College of Liberal Arts and Sciences.....</i>	<i>(140)</i>
College of Business Administration	
Bachelor of Science.....	33
College of Architecture and Art	
Bachelor of Architecture.....	4
Bachelor of Arts.....	7
<i>Total, College of Architecture and Art.....</i>	<i>(11)</i>
<i>Total, Degrees Conferred at Chicago Circle March 18, 1968.....</i>	<i>198</i>

Degrees Conferred June 16, 1968

Honorary	
Doctor of Laws.....	1
Doctor of Science.....	1
<i>Total, Honorary Degrees.....</i>	<i>(2)</i>
Graduate College	
Master of Arts.....	16
College of Engineering	
Bachelor of Science.....	34
College of Liberal Arts and Sciences	
Bachelor of Arts.....	432
Bachelor of Science.....	121
<i>Total, College of Liberal Arts and Sciences.....</i>	<i>(553)</i>

College of Business Administration	
Bachelor of Science.....	102
College of Architecture and Art	
Bachelor of Architecture.....	29
Bachelor of Arts.....	18
<i>Total, College of Architecture and Art.....</i>	<i>(47)</i>
<i>Total, Degrees Conferred at Chicago Circle June 16, 1968.....</i>	<i>754</i>
Medical Center	
<i>Degrees Conferred September 9, 1967</i>	
College of Dentistry	
Bachelor of Science.....	49
Doctor of Dental Surgery.....	8
<i>Total, College of Dentistry.....</i>	<i>(57)</i>
College of Medicine	
Doctor of Medicine.....	3
College of Nursing	
Bachelor of Science.....	14
College of Pharmacy	
Bachelor of Science.....	2
<i>Total, Degrees Conferred at the Medical Center September 9, 1967....</i>	<i>76</i>
<i>Degrees Conferred December 9, 1967</i>	
College of Dentistry	
Bachelor of Science.....	3
Doctor of Dental Surgery.....	1
<i>Total, College of Dentistry.....</i>	<i>(4)</i>
College of Nursing	
Bachelor of Science.....	2
College of Pharmacy	
Bachelor of Science.....	3
<i>Total, Degrees Conferred at the Medical Center December 9, 1967....</i>	<i>9</i>
<i>Degrees Conferred March 16, 1968</i>	
College of Dentistry	
Doctor of Dental Surgery.....	1
College of Nursing	
Bachelor of Science.....	2
College of Pharmacy	
Bachelor of Science.....	2
<i>Total, Degrees Conferred at the Medical Center March 16, 1968.....</i>	<i>5</i>
<i>Degrees Conferred June 7, 1968</i>	
Honorary	
Doctor of Science.....	1
Graduate College	
Doctor of Philosophy.....	38
Master of Science.....	34
Master of Science in Nursing.....	10
<i>Total, Graduate College.....</i>	<i>(82)</i>
College of Dentistry	
Doctor of Dental Surgery.....	83
College of Medicine	
Doctor of Medicine.....	183
School of Associated Medical Sciences	
Bachelor of Science in Medical Art.....	5
Bachelor of Science in Medical Record Administration.....	14
Bachelor of Science in Medical Technology.....	12
Bachelor of Science in Occupational Therapy.....	13
<i>Total, School of Associated Medical Sciences.....</i>	<i>(44)</i>

College of Nursing	
Bachelor of Science.....	62
College of Pharmacy	
Bachelor of Science.....	95
<i>Total, Degrees Conferred at the Medical Center June 7, 1968.....</i>	<i>550</i>

Urbana-Champaign*Degrees Conferred June 15, 1968*

Honorary	
Doctor of Music.....	1
Doctor of Science.....	2
<i>Total, Honorary Degrees.....</i>	<i>(3)</i>
Graduate College	
Doctor of Philosophy.....	188
Doctor of Education.....	6
Doctor of Business Administration.....	1
Doctor of Musical Arts.....	1
Master of Arts.....	203
Master of Science.....	366
Master of Music.....	24
Master of Education.....	157
Master of Social Work.....	84
Master of Fine Arts.....	6
Master of Television.....	1
Master of Architecture.....	5
Master of Accounting Science.....	17
Master of Business Administration.....	21
Master of Commerce.....	1
Master of Extension Education.....	1
Master of Landscape Architecture.....	3
Master of Urban Planning.....	6
Advanced Certificate.....	20
Certificate of Advanced Study in Librarianship.....	3
<i>Total, Graduate College.....</i>	<i>(1,114)</i>
College of Agriculture	
Bachelor of Science.....	267
College of Engineering	
Bachelor of Science.....	337
Certificate in Teaching of Engineering Technology.....	8
<i>Total, College of Engineering.....</i>	<i>(345)</i>
College of Liberal Arts and Sciences	
Bachelor of Arts.....	863
Bachelor of Science.....	497
<i>Total, College of Liberal Arts and Sciences.....</i>	<i>(1,360)</i>
College of Law	
Juris Doctor.....	147
College of Education	
Bachelor of Science.....	212
College of Commerce and Business Administration	
Bachelor of Science.....	149
College of Journalism and Communications	
Bachelor of Science.....	104
College of Fine and Applied Arts	
Bachelor of Architecture.....	41
Bachelor of Fine Arts.....	62
Bachelor of Landscape Architecture.....	3
Bachelor of Music.....	16
Bachelor of Science.....	34
Bachelor of Urban Planning.....	6
<i>Total, College of Fine and Applied Arts.....</i>	<i>(162)</i>

College of Physical Education	
Bachelor of Arts.....	2
Bachelor of Science.....	58
<i>Total, College of Physical Education.....</i>	<i>(60)</i>
College of Veterinary Medicine	
Bachelor of Science.....	60
Doctor of Veterinary Medicine.....	51
<i>Total, College of Veterinary Medicine.....</i>	<i>(111)</i>
<i>Total, Degrees Conferred at Urbana-Champaign June 15, 1968.....</i>	<i>4,034</i>

CHICAGO CIRCLE

Degrees Conferred September 5, 1967

COLLEGE OF LIBERAL ARTS AND SCIENCES

Degree of Bachelor of Arts

In Liberal Arts and Sciences

GELA ARBER ALTMAN	DENNIS MARK GRONER
LOIS JOYCE BAMBICK, Honors in Lib-	BEVERLY SUZANNE GUMOLA
eral Arts and Sciences	WILLIAM CHARLES GUNNING
ROBERTA ANN BARKER	PAMELA SUSAN HAAS
ELLEN MARGARET BARTON	LOIS ANN HABADA
DACE ILZE BAUMANIS	RICHARD LOUIS HARGOT
STEPHEN PAUL BERG	MARY THERESE HARRINGTON
ALFRED PORTO BERMUDEZ	JOHN HAY
LINDA LOUISE BERTONCINI	JOHN CHARLES HEITZ
EVELYN LOUISE BRUMFIELD	PATRICIA WOOD HELDING
JENNIFER SUE BUEHLER	IRVING MAX HIMELBLAU, Honors in
HELEN GERMAINE CALHOUN	Liberal Arts and Sciences
DONALD MICHAEL CALLAHAN	MARY EILEEN HOWLAND, Honors in
MARI ELISA CAN	Liberal Arts and Sciences
GRACE MARIA CERAMI	AGITA STRAUTNIEKS HUNS, Honors in
DOMINIC ANTHONY CIANCARULO	Liberal Arts and Sciences
BARBARA JANE COON	STEPHEN BRUCE IZUMI
JOHN GORDON CORELL	LAWRENCE WILLIAM JANOWSKI, Honors
JAMES WILLIAM COURSEY, JR.	in Liberal Arts and Sciences
MARSHALL DERMER, Honors in Liberal	JUDITH MIRIAM KAHN
Arts and Sciences with Distinction	WALTER ALLEN KAMEN
in Psychology	JEROME CHARLES KARECKAS
ANDREW KEVIN DOLAN	MELVIN EARL KLEGEMAN
RICHARD WILLIAM DUBALL	RICHARD STEPHEN KLING, Honors in
TERRY PETER ECK	Liberal Arts and Sciences
EILEEN ANNE ESTES	JANE EVELAND KNIGHT
LOUISE VICKY FERDMAN, Honors in	KENNETH ALAN KOCH
Liberal Arts and Sciences with	KATHIE MARIE KRIEGER
Distinction in English	RONALD JAMES KURASZ
DONNA MARY FORSBERG	DANIEL JOSEPH LAFFERTY III
GAIL MARY FRAZIER	PATRICIA CHRISTINE LETZTER
SHARON LYNN FRIEDMAN	STEPHEN HARRY LOEB, Honors in Lib-
CARY ALAN GAAN	eral Arts and Sciences with Dis-
SHARON KAY GABEL	tinction in Economics
JAN OWEN GAUNTT, Honors in Liberal	DOROTHY MAE MACKOWIAK
Arts and Sciences	MARY LUCILLE McCULLEY, Honors in
RONALD JAY GERSTEIN	Liberal Arts and Sciences
LEE GOLDBERG, Honors in Liberal Arts	LYNNE SMITH MILLER
and Sciences with Distinction in	VASILIKA THOMAS MONAHU
Psychology	CATHERINE MONTALBANO
SONIA KERN GOLDBERG	MOSHE Z. NEWMAN
ZANA ALMONY GOODWYN	TONI DEE PETERS
SUSAN BEEBY GRAHAM	ANTHONY THOMAS PODESTA

BRUCE PORTNOY
 DENNIS EUGENE QUAD, Honors in Liberal Arts and Sciences
 LYNN SUSAN RASKE
 KATHLEEN ANN REILLY, Honors in Liberal Arts and Sciences
 MICHAEL JOSEPH ROWAN, Honors in Liberal Arts and Sciences with Distinction in Geography
 SHARI ANN RUBIN, Honors in Liberal Arts and Sciences
 MARVIN RUDMAN
 ANDREW DANIEL SACHER
 SHARON LEE SIEGAL
 DIANA HELMA SMITH
 KATHERINE MULLIKEN SMITH
 CLAUDIA MARY SMOLUCH
 BARRY DAVID SOHN

RICHARD DEANE SPAFFORD, Honors in Liberal Arts and Sciences
 MICHAEL NORMAN STAVY
 BARBARA JEAN SZILAGYI, Honors in Liberal Arts and Sciences
 JERRY PAUL TAFT, Honors in Liberal Arts and Sciences
 BRENDA MONTGOMERY TORRES
 DAVID MAURICE TUBBS
 ANDREW JOSEPH TURAUSKY
 KAROLYN LOUISE VAN PUTTEN, Honors in Liberal Arts and Sciences
 WILLIAM VINSON WALLEY
 CAROL DAWN WAYNE
 STEPHEN M. WEISS
 JOAN DRAKE WICKLAS
 JOHN HENRY WILSON

In the Teaching of English

MYRNA LOIS KRELSTEIN
 JUDITH ANN O'BRIEN
 THOMAS PATRICK O'SHEA

ELISSA RAE SHAMES, Honors in Liberal Arts and Sciences
 DIANE MAY TUCEK, Honors in Liberal Arts and Sciences

In the Teaching of French

SANDRA CROHN FREYDBERG

IRENE JOY SILVERSTONE

In the Teaching of History

SUSAN JOY KLEINBERG
 JUDITH HILARY ROSOFF, Honors in Liberal Arts and Sciences

RONNA SUSAN ZEE

In the Teaching of Political Science

MARSHA KAY VECE

CATHERINE VIRGONI

In the Teaching of Sociology

ROBERT EMMETT CLINE, Honors in Liberal Arts and Sciences

Degree of Bachelor of Science

In Chemistry

ARNOLD FRED JACOBSON, Honors in Liberal Arts and Sciences with Distinction in the Curriculum

In Liberal Arts and Sciences

CARL COMPTON BELL
 RICHARD JOHN DAVIS
 RODNEY IRA EIGER
 SHARON NATALIE FIERSTIEN
 KENNETH CONRAD FLETCHER
 IOLA ELIZABETH GARDNER
 KENNETH ROBERT GROH
 JAMES ALAN HARP
 GEORGE CHARLES HOLLICH
 FRANK PAUL LA FRANCO
 WILLIAM LEE MINER

GEORGE LEONARD MOORE
 LEROY OWENS
 AUGUST PIVORUNAS, Honors in Liberal Arts and Sciences
 ALBERT JOSEPH ROBERTS
 RONALD SHERWIN SHAPIRO
 KONG MENG TAN, Honors in Liberal Arts and Sciences
 DIANE MAE UZNANSKI
 ANNA XIROUHAKI

In Physics

ANDREW ALEXANDER, JR.
 KENNETH ROBERT BLUME

JOANNE LORRAINE BUCK
 EDWARD PAUL CLARK

CRAIG LEWIS FOSTER, Honors in Liberal
Arts and Sciences with Distinction
in the Curriculum
WILLIAM ANTHONY GIANNI

LAWRENCE MICHAEL KLONOWSKI
HOWARD ALAN SILVER, Honors in Lib-
eral Arts and Sciences

In the Teaching of Biological Sciences

TINA HIRSCH YACHER, Honors in Lib-
eral Arts and Sciences

In the Teaching of Geography

LOUIS LEONARD ZBOYAN

In the Teaching of Mathematics

BRENDA LYNELL YEATMAN

COLLEGE OF BUSINESS ADMINISTRATION

Degree of Bachelor of Science

In Accounting

RONALD CHARLES BAER
GEORGE EDWARD BURNS
LEONARD PETER DIORIO
PAUL FRANZ DITTMANN
DONALD FRANKLIN GEREN
FRED GILES HARTMAN
JOHN JOSEPH KOTLARCZYK

CLEM FREDERICK MASLOWSKI
FRANK JAY PEARLMAN
JOHN CHARLES RHOADS
MICHAEL JOHN ROMEO
MICHAEL LEE SULLIVAN, Honors with
High Distinction in Accounting

In Economics

ROBERT EARL ALLEN
KENNETH MARVIN CROFT

LAWRENCE MICHAEL JAGIELLO
JOHN CHARLES MAZUREK

In Finance

LYLE HOWELL FEINERMAN
CONCEPCION MARIA SALAS

WILLIS EUGENE TENBROECK

In Management

MICHAEL ANTHONY ASARO
ROBERT ALAN BERGE
RICHARD LYLE BERRYHILL
JAMES CONSTANTINE COLIAS

JOSEPH SYLVAN STALCUP, JR.
JAMES ERIC WITTERSHEIM, Honors with
Distinction in Management

In Marketing

LEROY MATTHEW BOSER
AUGUSTINE MICHAEL GREGORY
RICHARD SAMUEL ISENBERG
DOUGLAS MICHAEL JOHNSTON, Honors
with Distinction in Marketing
ROBERT JAMES LAPORT

KENNETH RONALD MANDELL
ALAN RICHARD MEDINTZ
JOHN THOMAS MONACELLA
JOSEPH CARL PISCITELLO
GARY IRA PLEASON
GEORGE SANFORD REPARSKY

COLLEGE OF ARCHITECTURE AND ART

Degree of Bachelor of Architecture

In Building Technology

SCOTT L. LAWSON

JAMES KENNETH ZAHN

In Design

HAROLD HUGH SRIVER III

Degree of Bachelor of Arts

In Design

ANNA MARIA BRUNNER, Honors

RAYMOND JOHN GALLO

In Plastic and Graphic Arts

ANN ROCHELLE ELBAUM, Honors
CORASUE JOHNSON PEREZ, Highest
Honors

ROBERT F. PEREZ, Honors
CAROLE SCHILLING
FRANK JEROME VODVARKA, Honors

Degrees Conferred December 11, 1967

COLLEGE OF LIBERAL ARTS AND SCIENCES

Degree of Bachelor of Arts

In the Administration of Criminal Justice

RONALD ALLEN HEPNER

HENRY ALBERT LEWIS

In Liberal Arts and Sciences

SUSAN ADELLE ADAMS
CHARLES GENE AMATO
NICHOLAS AMSCHL
ELLEN WREN ANDERSON
MARIA LAIMA BACINSKAS
PAMELA JANE BARRY
DAVID EUGENE BARTLETT, Honors in
Liberal Arts and Sciences
DANIEL SYLVANUS BECK
DONNA MARLENE BERRY
BURTON BIALIK
MANDELL TONY BOOKMAN
KATHLEEN LEE BOZIC
EDA JEWEL BRESLOFF
JAMES RUSSELL CARLSON
JAMES LEROY EBERSOHL
BEVERLY MCKINLEY FANNIEL
HARRIET JOYCE FRANKLIN
JOHN ALBERT GERBERICH
JOSEPH NICKLAUS HANSEN
GENE ALBERT HARRIS
GEORGE ROBERT HEALY
WILLIAM EDWARDS HERBER, JR.
ANNA HOLOWATYJ
FRANKIE LEE HUDSON
MOSHE JACOBUS, Honors in Liberal
Arts and Sciences
BARBARA SUSAN JANIK, Honors in Lib-
eral Arts and Sciences
SHAINDELL KAPLAN
DONNA KONCE
JOHN LEROY MAHANNA
DENNIS TAKAMI MANSHIO
EUGENE ARTHUR MARTELLO
JOHN RICHARD MAURER
CHERYL FOUNTAINE MILLER

JERRY ALLEN MOGY
JANET MARY MROCZEK
JOHN ALBERT MUHLENBERG
JANINA BIRUTE NALIS
MARIA HERMINIA NAON
JOHN THOMAS O'BRIEN
ANNA MARIA PETRUZZINI
PATRICIA ROSEANN PINIANSKI
ALAN STUART RABIN
MARY GRACE RAYMOND, Honors in Lib-
eral Arts and Sciences
WILLIAM ALBERT ROBERTS
NAOMI ELLEN ROBESON, Honors in Lib-
eral Arts and Sciences
TERRY RICHARD SANDERS, Honors in
Liberal Arts and Sciences
ISABELLE EHRENBURG SCHOENFELD
SANDRA LYNNE SCHWARTZ, Honors in
Liberal Arts and Sciences with
Distinction in Psychology
JUDITH EVA SIEGAL
LAURIEL JILL SIMA
ADRIENNE SKLAR
STEVEN ARDEN SOLINKO
CLAUDIA BERNADETTE SPOONER
GERALD JOSEPH SRAMEK, Honors in
Liberal Arts and Sciences
DANUTE ANN STELINGIS
GAIL LOUISE SWANSON
CURTIS LYNNWOOD SWEAT
WALTER EDMUND WALCZEWSKI
IVA JOHNSON WELLS
PAUL ROBERT WHITHAM
MARY GILBERT WIDMER
ELIZABETH LOUISE WILLIAMS

In the Teaching of English

ROBERTA KRENSKY COOPER, Honors in
Liberal Arts and Sciences
CAROL LEE CSERNANSKY, Honors in
Liberal Arts and Sciences
MARSHA JEAN DEWELL, Honors in Lib-
eral Arts and Sciences
LYNN HEIDINGER DIETERICH
JUDITH MATTERN KORAL
SARAH ELLEN LOFFREDO
DIANE LYNN MACK, Honors in Liberal
Arts and Sciences
BURTON STUART MANASTER

JEAN SHOGREN MCKEIGUE
SHARON BERNADINE MENNING
SHOSHANA MERMELSTEIN, Honors in
Liberal Arts and Sciences
INARA SILVIJ MULTINS
KAREN JANE NEWBROUGH, Honors in
Liberal Arts and Sciences
MARYBETH BARCLAY PEEBLES, Honors
in Liberal Arts and Sciences
MARY ELLEN REAUME
KAREN HELENE VIERNEISEL, Honors in
Liberal Arts and Sciences

In the Teaching of History

LARAINÉ MARGARET CHORVAT, Honors in Liberal Arts and Sciences SUSAN JANE POLLETT, Honors in Liberal Arts and Sciences

In the Teaching of Political Science

MILDRED ELIZABETH QUINN, Honors in Liberal Arts and Sciences

In the Teaching of Sociology

IRENE BETH MESCHELOFF

In the Teaching of Spanish

MARY LOUISE GREEN JOSEPHINE ANNETTE THOMAS
MARILYN RUSEVIC HOFMANN

In the Teaching of Speech

JUDITH LYNNE FINE LYNN HIRTENSTEIN TURNER
SARA NUSS HAFT

Degree of Bachelor of Science*In Chemistry*

WILLIAM DAVID ARENDT JOHN FREDERICK KUNSELMAN, Honors in Liberal Arts and Sciences
JOSEPH RANDALL ESTERMAN ALBERTO MAGIN MARTINEZ, Honors in Liberal Arts and Sciences
ROBERT BASIL KASPER, Honors in Liberal Arts and Sciences DENNIS HARRY PATTERSON

In Liberal Arts and Sciences

RICHARD CARL BRINKMANN JOYCE MARILYN REDEMSKE, Honors in Liberal Arts and Sciences
JAMES ROY GRAPENTHIEN IRENA GUDRUN SRUGYS
CHARLENE ANN LEDET ALGIRDAS BRONIUS VOLODKA, Honors in Liberal Arts and Sciences
STANISLAWA MALIKOV, Honors in Liberal Arts and Sciences

In Physics

ROBERT JAMES BULAT LOIS JO RUTZ
MATTHEW PIVORUNAS, Honors in Liberal Arts and Sciences

In the Teaching of Mathematics

CAROL ANN ADAMS BARBARA KATHLEEN KRAL
SUSAN ROBERTA BLANK, Honors in Liberal Arts and Sciences SUSAN CAROL MINERICH
SANDRA DOLORES JOHNSON, Honors in Liberal Arts and Sciences ARLENE RAE NOVICK
MARATHA SCHNEIDER
NANCY ANNE STEHURA

In the Teaching of Physics

BRUCE THOMAS LOMBARDO

COLLEGE OF BUSINESS ADMINISTRATION**Degree of Bachelor of Science***In Accounting*

NOEL ALLEN BELL, JR. JOSEPH WILLIAM KEENAN
NICHOLAS GERALD BOYARIS RALPH JOSEPH KENNEDY
JOSEPH CHARLES DE TRAIN ROBERT JOHN MACICAK
MITCHELL FENGER SEYMOUR SOL MATTHEW
FRANKLIN HALSEY FORD FRANK JOSEPH MELE
JOSEPH JAMES JANAS MICHAEL ROBERT MORAN, Honors with Distinction in Accounting
PHILIP SAM JASPER

JAMES ALLEN OLINSKI
GILBERT RONALD OREJUDOS

SAMUEL FRANCIS WOJCIECHOWSKI
ZIGMUND ANTHONY ZUDYK

In Economics

RONALD ALLEN BREDEMANN
MARK WALDEMAR DASLER

SCOTT ALAN INGHAM
GARY JEFFERY OOS

In Finance

LAWRENCE PHILLIP GRABOWSKI
KENNETH ROBERT HAWKINS
WALTER STEWART JOHNSTON, JR.

NORMAN B. SACK
WARNER MICHAEL WESLEY

In General Business

WALTER PETER EBERT

STEPHEN VINCENT MONGELLUZZO

In Management

GEORGE GUSTAVE DORNSEIF

FRANCES IRVIN

In Marketing

RODNEY JAMES BELLOWES
ALLEN WALTER BROWN
MICHAEL BYRON ENGDALL
JAMES FRANCIS MENDYK
MICHAEL PETERSON

HOWARD MERLE RUBIN
DONALD WAYNE SEGRETI
IRA ALLEN SERBIN
DENNIS PHILLIP STANCZAK
HOWARD NEAL WANDELL

In Quantitative Methods

JEFFERY SCOTT BERMAN, Honors
RONALD ALLAN REHLING, Honors

NORMAN IRVING VOGEL

COLLEGE OF ARCHITECTURE AND ART

Degree of Bachelor of Architecture

In Building Technology

ROBERT DUANE MCKENNA, Honors

In Design

RICHARD ALPHONSE BENZAQUEN
PAMELA HOYT FABRY, Highest Honors
WAYNE CHARLES HANSON
RONALD JAMES HERTEL

JOSEPH JOHN KOBYLECKY
GREGORY HOMER LAWSON
WILLIAM ANTHONY THURSTON
LEON ROY WEISBERG (Posthumously)

In Structures

GILMORE THEODORE WHAPLES

Degree of Bachelor of Arts

In Design

TOBY JO ACKERMAN
ANNA-MARIE ROSE BARBARO, Honors
PETER GERT DRASSDO

ROSALIND ROSE GREENE
ELAINE MARIA HILL
PATRICIA PANICO WAGENER

In Plastic and Graphic Arts

JUDITH ELAINE LIPMAN

Degrees Conferred March 18, 1968

GRADUATE COLLEGE

Degree of Master of Science

In Mathematics

HARVEY JACK SCHILLER, B.S., 1966

COLLEGE OF ENGINEERING

Degree of Bachelor of Science

In Structural Design

EDWARD THOMAS DOMINIAK

GEORGE P. FESTAS

CONSTANTINOS P. FLOROS

EDWIN HIDEICHI FUKUDA

PAUL NORMAN GIDLUND

NANCY ANDERSON HOLMES, Honors

JOSEPH JOHN POSEWICK

FROMY ROSENBERG, Honors

ROBERT ALEX STOLORENA

JOHN TSAPARDONIS

THOMAS JAMES URBANSKI

In Thermal Science

LUKE WENDELL PERVAN

RONALD HENRY THAU

COLLEGE OF LIBERAL ARTS AND SCIENCES

Degree of Bachelor of Arts

In Liberal Arts and Sciences

ROCHELLE ELLOWE ADLER

JOAN CAROLYN AILSWORTH

DAVID MICHAEL ALMEROTH

JOHN FLOYD ANKERBERG

NANCY ELIZABETH BAETZEL

ALICIA AGUILAR BLAZEK

ELISSA PALICKE COLTSIDAS

GIOVANNI ANTONIO CORA

PATRICK ALMOND CURTIS

ROSALYN DAVIS

CALVIN ERIC ELLISON

SANDRA GAIL FIARMAN

LESTER FINK

ROBERT JOHN GALLAGHER

THOMAS JAMES GRONEK

CAROL ANN GROSS

VICTOR BENJAMIN GRUNTWAGE

WILLIAM TYNAN HANNON

ANDREA HAJI HARIS

BARBARA ELAINE HARRIS, Honors in
Liberal Arts and Sciences

SAM C. HEFTER

MARK JOHN HILDEBRAND

RONALD HOFFBERG

SHERRY OTTO HORNIK

ROBERT CHARLES HORWITZ, Honors in
Liberal Arts and Sciences with
Distinction in Psychology

WILLIAM MICHAEL HURLEY

JAMES RICHARD KELLER, Honors in
Liberal Arts and Sciences

KAREN STUHLBARG KOT

DONALD WALTER KOZIOL

SUSAN KAY KRUEGER, Honors in Lib-
eral Arts and Sciences

PATRICK FRANK KUETER

ROBERT FREDERICK LADOVE

DAVID ALAN LEE

LESLIE LELINE

MARGARET ANN LINDBERG, Honors in
Liberal Arts and Sciences with
Distinction in Chemistry

PHILIP JAMES LIPUT

SUSAN ANN LITTLE, Honors in Liberal
Arts and Sciences

CAROL BETH MALOFF

BEVERLY CAROL MARTIN

KATHRYN LOUISE MCGOON

SHARYNE ANN MERRITT, Honors in
Liberal Arts and SciencesRALPH ALBERT MITTON, Honors in
Liberal Arts and Sciences

FRANK HIROSHI NAGATANI

NANCY SHEILA NATHAN

JOHN MICHAEL NOVINSON

DARIA MARIE PASTERCZYK

SANDRA GAY PEARLMAN

MARILYN SUE PIPER

RICHARD DENNIS PLASTINA

OLGA JUSEFOWYTCZ PRETTO

ROXOLANA SOFIA PROCYK, Honors in
Liberal Arts and Sciences

MICHAEL CRAIG RABIN

DORIS ELAINE RACICH

PATRICIA ANN RAUCH

GERALDINE ELAINE RICHARDSON

JOSEPH ROBERT RIHA

IVAN MELVIN RITTENBERG

ROBERTA CHASKIN RITTENBERG, Honors
in Liberal Arts and Sciences

DANIEL FRANCIS SANCHEZ

WINIFRED LUCILE SCHAUMBURG

DONNA LOUISE SCOTT

MARK STEPHEN SCOTT

LEWIS SEEDER, Honors in Liberal Arts
and Sciences

BARBARA JANE SHAFFER

GERALD FRANCIS SHAW, Honors in Lib-
eral Arts and Sciences with Dis-
tinction in Sociology

JOHN WALTER SHAW

PAUL CHARLES SHEILS

STEPHEN HO-KIN SHIU

NANCY JANE SKIERSCH

JANICE ELLEN SMITH

LAWRENCE HOWARD SPECTOR

ALICE VIRGINIA SPENCER
KENNETH FRED STEFFENS
THOMAS PHILLIP STEPHEN, Honors in
Liberal Arts and Sciences
DANIEL ALFRED STEVENS
RITA J. SUTTON
THERESA THOMAS
MARJORIE ANN THOMSEN
CHARLES HERMAN TOSSMAN

ALAN HARVEY TOWSLEY
WILLEM ARIE VAN GEMEREN, Honors
in Liberal Arts and Sciences
GEORGE DONALD VUSCKO
ERNEST RICHARD WHITE, JR.
LOIS DONNA WINGERHOFF
ROBERT EDWARD WULFFEN, Honors in
Liberal Arts and Sciences
JAMES MARTIN YOUNG

In the Teaching of English

ELYNNE SHARON CHAPLIK
DIANE MARIE EWERT, Honors in Lib-
eral Arts and Sciences
MARY LOUISE FOWLER
ANN HULSEBERG MARINO
MAUREEN ANN MULLEE
CAROLYN MARY PREIS
SUSAN ANN RYBA

ALINE SCHLESINGER, Honors in Liberal
Arts and Sciences
PATRICIA CERAULO SCHNEIDER
MARY ANN SIRIANNI, Honors in Lib-
eral Arts and Sciences
SUSAN KIRCHNER SPERRY, Honors in
Liberal Arts and Sciences
CAROL SCOTT ZIMMERMAN

In the Teaching of French

DIANE ANDREWS

In the Teaching of German

EVELYN HILDA BENGTSON

In the Teaching of History

HUGO REHLING PRUTER, JR.

In the Teaching of Political Science

RICHARD SAMUEL PARKER

In the Teaching of Spanish

SALVATORE CLAUDIO A. ATTENTO
BARBARA JEAN GIGLIO
GAIL ANDREA MANSFIELD
NANCY ANN ROSZ, Honors in Liberal
Arts and Sciences

ALICE DOLORES ZAWILENSKI, Honors in
Liberal Arts and Sciences
EILEEN OBERLANDER ZIGMAN

Degree of Bachelor of Science

In Liberal Arts and Sciences

JAMES EDWARD ARCHER
LOIS AGNELLA BAPTISTE
RICHARD ALBERT BEBAK
JAMES STEPHEN BURNS
SUSAN GARFIELD DRESNER, Honors in
Liberal Arts and Sciences
HELEN ANN FREDIANELLI
JACK DAVID GOLDIN
MARYANN JOSEPHINE GUZZALDO
MICHAEL JOSEPH HAYES
GLORIA KARCH HOFFMAN, Honors in
Liberal Arts and Sciences
CARLTON LINDSAY MCGINNIS
YOUKHANNA ORAHAM NONA

MILDA MATILDA PAKALNISKIS, Honors
in Liberal Arts and Sciences
JOEL WALTER POCHRON
GARY LEE REBBE
BRIGITTE GERLINDE REMSPECHER
RALPH LLOYD SCOTT
WILLIAM MARTIN SHAPIRO
FRANK SICILIANO
DONALD STEWART SOKOL
RUTH CAROL STYSKAL, Honors in Lib-
eral Arts and Sciences
JEROME EDWARD THOMAS, Honors in
Liberal Arts and Sciences
RALPH SPENCER VINCI

In Physics

JOHN FRANCIS HEATON
JOHN HERBERT KOMLOS

HENRY ADAM SCHMELZ, Honors in Lib-
eral Arts and Sciences

In the Teaching of Chemistry

ROBERT JOSEPH HURLEY

In the Teaching of Geography

CAROL ANN BUCK

CAROL LEE RYBANDT, Honors in Lib-
eral Arts and Sciences

*In the Teaching of Mathematics*MAGDALINE MARY BERCHOS
BONNIE LERMAN LEVIN

THADDEUS JOSEPH ZDEB

COLLEGE OF BUSINESS ADMINISTRATION**Degree of Bachelor of Science***In Accounting*CAROL ANN CURLEE, Honors with Dis-
tinction in Accounting
ROBERT JOSEPH FERRARI
ROBERT JAMES HARTMANN
NANCEE ROSE KUHN
MICHAEL HOWARD LANDESRICHARD ALAN OTT
ALLEN JEFFERY SEIDMAN
MARINA BOURANIS SHEERIN
KENT ALLUN SMITH
EVELYN THERESA SZPISJAK
THOMAS DANIEL VENEZIA*In Economics*

RICHARD WALTER BAUER

ALLAN STANLEY DYKAS

In Finance

JAMES ROBERT ROTHSCHILD

MICHAEL JOSEPH STADLER

*In Management*MICHAEL KURT BERINGER
DONALD RAY CROSS
JAMES JOSEPH DINCHAK
LEONARD PHILIP GEIGER
ROBERT LOUIS HANSENRALPH ALAN MACDONALD
WILLIAM THOMAS MORTON, JR.
HUGH THOMAS SMITH
JOHN JOSEPH ZEMAITIS*In Marketing*PRIMO ARTHUR BERTEOTTI
JAMES ALLAN COOPE
KEN EDWIN JOHNSON, Honors with
Distinction in Marketing
JAMES KRIT
JAMES GEORGE O'NEILALAN MARTIN RUBENS
KENNETH LYNN SEEGER, Honors with
Distinction in Marketing
STEVEN ORIN SIEGEL
ROBERT BRUCE WASKIN**COLLEGE OF ARCHITECTURE AND ART****Degree of Bachelor of Architecture***In Building Technology*

ARTHUR RICHARD DE BAERE

SALVADOR GARCIA-ZAPATERO

IN DESIGN

DIETRICH FREIGANG, Honors

RICHARD AUSTIN HOVLAND

Degree of Bachelor of Arts*In Art History*

RICHARD HENRY LOVE

*In Design*PHILLIP JOSEPH KEREWICH
RAYMOND MICHAEL KOHL
EVONE LORRAINE RAZZINORICHARD KATSUMI SATO
PHILIP JAY STEAD
JOSEPH JAMES STRUPECK*Degrees Conferred June 16, 1968***HONORARY DEGREES****Degree of Doctor of Laws**

ROBBEN WRIGHT FLEMING, LL.D.

Degree of Doctor of Science

WARREN STURGIS McCULLOCH, M.D.

GRADUATE COLLEGE**Degree of Master of Arts***In English*

JAMES MICHAEL RAINEY, A.B., 1966

In Mathematics

SHARLENE CODDY LANDAN, B.S., Roosevelt University, 1966

PETER SEYMOUR SCHILTZ, A.B., Harvard University, 1962

In Philosophy

JAMES MICHAEL ENRIGHT, A.B., Quincy College, 1966

JAY E. KANTOR, A.B., Brooklyn College, 1962

Degree of Master of Science*In Chemistry*

SHAW-AN CHENG, B.S., Taiwan Normal University, 1963

JANE FRANCES DOOLEY, B.S., Purdue University, 1966

JOSEPH CARL DROZD, B.S., 1965

WALTER JOHN PRAVICA, B.S., Eastern Michigan College, 1959; A.M., 1964

In Mathematics

REGINALD JOHN BISHOP, B.S., 1966

BRUCE STEVEN BUCHOWICZ, B.S., 1966

NORMAN JOSEPH DU FORE, B.S., 1967

WLADYSLAWA TOCZYCKI, B.S., Mundelein College, 1960

RAIJA ASTA VIRTANEN, B.S., 1967

In Physics

PETER T. GUENTHER, B.S., Northwestern University, 1963

RICHARD JOSEPH REIF, B.S., 1966

COLLEGE OF ENGINEERING**Degree of Bachelor of Science***In Aerospace Sciences*

GEORGE JAMES FRANEK

PERICLES SPYROS KORONAKIS, High
Honors*In Applied Physics*

ALLAN JAY HOFFMAN

In Computer Science

DAVID MARK RAPPAFORT

In Metallurgy

VICTOR EDWARD HUMPHREYS

HARTLAND PAUL KLOTZ

In Mechanical Analysis and Design

MIRON BAKSHY

GREGORY THOMAS LANDEWEER

STANLEY EDWARD DATA

CHARLES STEVE LEMAK

THADDEUS ANTHONY DYREK

SAMUEL LIU

EDWARD GUST ENNIS

EDWARD JAMES PRENTICE

GERALD RICHARD GRECZEK

JACK ROBERT STEIN, Honors

JOHN HERMAN JAKSCH

RONALD JOSEPH STEPANSKY

ALVIN MANABU KOYANAGI

JOHN JAMES TAYLOR

PETER KRYWARUCZENKO

In Structural Design

ZOHAIK AHMAD HASAN

JAMES JAY NEIDLINGER

WILLIAM JOHN HAWES

HERBERT KENT ROMAN

JOHN ARTHUR LAASCH

In Systems Analysis

ROLF BENGT AGNER
 FAY KOUNG CHIN
 ARTHUR DANIEL GORMAN
 ROBERT BERNHARD KRIEGER

CHESLEY GARY LARSON
 GILBERT PATRICK OJEDA
 ROGER NEAL SCHAECKENBACH, Highest
 Honors

In Thermal Science

JAY EDWARD NORCO

COLLEGE OF LIBERAL ARTS AND SCIENCES

Degree of Bachelor of Arts

In the Administration of Criminal Justice

JAMES PATRICK DEVEREUX III
 HERBERT GEORGE KLUNK
 WILLIAM HERMAN MARSHALL, Jr.

LYNN KATHLYN MCEWAN
 ELLEN SAPER THOMAS

In Liberal Arts and Sciences

DARLENE FAYE ABLEMAN
 LAURENCE TOBY ADELMAN
 VINCENT JOHN ADESZKO, Honors in
 Liberal Arts and Sciences
 SONYA YVONNE AMOS
 FRANK RAY ANDERSON, Honors in Lib-
 eral Arts and Sciences
 GARY NELSON ANDERSON, Honors in
 Liberal Arts and Sciences
 ROBERT ANTHONY ANDERSON
 CAROLYN ARCHIE
 JAMES HOLMES ARMSTEAD, JR.
 CHARLES JULIAN ARON
 DENNIS MARCUS ASSURAS
 MARY MARTHA BAKSZYSZ
 YVONNE JEANINE BANKS
 JOHN RICHARD BARAN
 LINDA FENSTAD BARBOSA
 DIANNE RUTH BAUM, Honors in Lib-
 eral Arts and Sciences with Dis-
 tinction in Spanish
 TERRENCE JAMES BENSHOOF, Honors in
 Liberal Arts and Sciences with
 Distinction in Political Science
 ROZA BERLINSKI
 CAROL ANN BERNSTEIN
 RICK SANFORD BEZNER
 STANLEY ALLEN BIRNBAUM
 TINA SUCONIK BIRNBAUM
 ALAN LEE BLUMENTHAL, Honors in Lib-
 eral Arts and Sciences
 JORDAN HOWARD BODENSTEIN
 ARTHUR HERMAN BOELTER, JR.
 ARMAND BOUZAGLOU, Honors in Liberal
 Arts and Sciences
 RUSSELL MARC BRAND, Honors in Lib-
 eral Arts and Sciences
 ROBERT GERALD BRAUN
 JAMES MALCOLM BRINK
 DONNA LEE CLARA BROWN
 LARRY MICHAEL BROWN, Honors in
 Liberal Arts and Sciences
 MICHAEL LESLIE BROWN, Honors in
 Liberal Arts and Sciences

PAUL RONALD BRYER, Honors in Lib-
 eral Arts and Sciences with Dis-
 tinction in Anthropology
 BRUCE EDWARD BURG
 ALAN DAVID BUSCH
 JAMES GERARD CALLAGHAN
 JOHN TIMOTHY CANNON
 JEFFREY PAUL CARREN, Honors in Lib-
 eral Arts and Sciences with High
 Distinction in Political Science
 WILLIAM LEE CARROLL
 JAMES MARTIN CAVALLO
 DONNA MAE CHEN
 THEA CHERKASKY, Honors in Liberal
 Arts and Sciences
 CAROL JEAN CHIOVARE
 ROBERT HAROLD CHRISTMAS
 JANIS BETH COHEN
 LARRY HAROLD COHEN
 MITCHELL AARON COHEN
 KATHLEEN SAMSURIS COLE
 WILLIAM JOSEPH CONWAY, Honors in
 Liberal Arts and Sciences
 MICHAEL JOHN COOK, Honors in Lib-
 eral Arts and Sciences
 WILLIAM THOMAS COUGHLIN
 PATRICIA ANN COUNCE
 JANICE ELAINE CRUSE, Honors in Lib-
 eral Arts and Sciences with Dis-
 tinction in Economics
 ROBERT CHESTER CUDEK
 PATRICK JOHN CURRY, Honors in Lib-
 eral Arts and Sciences
 CONSTANCE MARIE DALLA BETTA
 STANLEY JOE DAVIDSON, Honors in
 Liberal Arts and Sciences
 DWIGHT WILLIAM DAVIS
 DONNA LEE DE ANGELIS
 MARY CROWE DE MAR
 JOHN DE MARCO
 MICHAEL ANDREW DE MARTE, Honors
 in Liberal Arts and Sciences
 KAREN ANN DENNIS

- SUSAN STEWART DETIENNE, Honors in Liberal Arts and Sciences
 JOAN KATHLEEN DEVINE
 ROBERT JOSEPH DILLON, Honors in Liberal Arts and Sciences
 JOHN JOSEPH DOBROWITS
 GERALD DUJSIK
 JEROME ERWIN ECK
 JO ANN ELLINGSON
 BARBARA JEAN ELLIS
 HELEN ERNST
 VIRGINIA KOZLOW EYSENACH
 MADONNA GRACEY FALK
 BETH ANN FEDER
 SARAH DEBORAH FEDERMAN, Honors in Liberal Arts and Sciences
 SHERYL LYNNE FELDMAN, Honors in Liberal Arts and Sciences with Distinction in History
 ESTHER RUTH FELSENFELD
 HELEN FESCZENKO
 CARL PHILLIP FINAMORE
 HANS GEORGE FLADUNG, Honors in Liberal Arts and Sciences
 PATRICIA JEAN FORMENTO, Honors in Liberal Arts and Sciences
 THERESA MARINO FOSTER
 LYNN CHARLET FRAZIER
 DAVID ALAN FREER
 JACK REIMER FROST
 MYRON BENNET GABRIEL
 SARAH RACHEL GAIBEL
 PATRICIA GIRKA GAJDA
 STANLEY ALOYSIUS GALLAS, JR.
 JANICE MARLENE GAPINSKI
 MARILYN ADA GARTMAN
 HARRIET BOLESŁAWA GASIOROWSKI
 ROBERT MARK GERSHON
 SAMUEL DAVID GESS
 ANNETTA FOSTER GIVHAN
 PAULINE SUE GOLDBERG
 JACQUELINE BETH GOLDMAN
 RONALD LAWRENCE GOLDSMITH
 RONALD JAY GOLDSTEIN, Honors in Liberal Arts and Sciences
 ALLEN GOODMAN, Honors in Liberal Arts and Sciences
 GERHARD GOTTLIEB
 CARLA JEAN GRAHAM
 JANICE ANN GRECO
 JANICE CAROLE GREEN
 JUDITH ANN GREEN
 ROBERT CHARLES GREENBERG
 BURTON LAWRENCE GREENSPAN
 WAYNE KENNETH GREGORY
 JOHN FAYETTE GROBE, Honors in Liberal Arts and Sciences
 JOSEPH MICHAEL GUARNERY
 ORESTES HALICKI
 MARGUERITE VIRGINIA HANCOCK
 DAVID LEE HANDLER, Honors in Liberal Arts and Sciences with High Distinction in Speech
 ROBERTA SUE HANN, Honors in Liberal Arts and Sciences
 PAULETTE MARIE HARAR, Honors in Liberal Arts and Sciences
 NANCY FANI HASEGAWA, Honors in Liberal Arts and Sciences
 PAUL HAURO HASHIGUCHI
 STEPHEN ALLEN HATHAWAY
 RICHARD RAYMOND HAUSFELD, Honors in Liberal Arts and Sciences
 MICHAEL THOMAS HEALY
 BARBARA ELLEN HECKER
 GLORIA DEANNA HEINEMANN, Honors in Liberal Arts and Sciences
 PAMELA MAUREEN HEISIG
 RICHARD HOWARD HELFER
 CAROLINE MARIE HELLSTROM
 WILLIAM CLARK HENDERSON
 SCHMUEL HENDLER, Honors in Liberal Arts and Sciences
 KIM HOWARD HERBON
 DAVID STEWART HICKS
 JERROLD VALIANT HOBFOLL
 MARILYN FLORENCE HOERRBURGER, Honors in Liberal Arts and Sciences
 MARY JO HORRELL
 MARIE HOOKHAM HOSTETLER
 ELLEN MARIANNE ISAACSON
 MARY RUDSINSKI JACOBS, Honors in Liberal Arts and Sciences with Distinction in Psychology
 HERBERT GEORGE JAKOBI
 RICHARD ALLEN JAMISON, Honors in Liberal Arts and Sciences
 JURATE MARIA JANCYS, Honors in Liberal Arts and Sciences
 WILLIAM KARL JANEGA
 SUSAN JO JECMEN, Honors in Liberal Arts and Sciences
 DAVID JENSEN
 DAVID EDWARD JENSEN
 JANET ANN JOHNSON, Honors in Liberal Arts and Sciences
 JAN ELLEN KADERABEK, Honors in Liberal Arts and Sciences
 ELIZABETH VERONICA KANIA, Honors in Liberal Arts and Sciences
 BRIAN THOMAS KARP
 BEVERLY JEAN KASPAR
 EDWARD DONALD KASUBA, Honors in Liberal Arts and Sciences with Highest Distinction in Speech
 JULIA ANN KELLMAN
 JOHN PATTEN KEPHART, Honors in Liberal Arts and Sciences
 GEORGE CHARLES KLEIN
 GERALD KLEIN
 BARBARA VIRGINIA KLOSKI
 JAMES MARSHALL KNOX
 RAYMOND JOHN KOPCINSKI
 TATIANA SOPHIA KOSSAK
 THERESE MARY KOZLOWSKI
 MARC NEIL KRANDEL
 CHAYA KRANZ, Honors in Liberal Arts and Sciences

- ALFRED ERNEST KRAUSE
 LANA KRKLJES, Honors in Liberal Arts and Sciences
 MARIE ANTOINETTE KUBECZKO, Honors in Liberal Arts and Sciences
 DANIEL LEON KUTNICK, Honors in Liberal Arts and Sciences with High Distinction in Economics
 RICHARD JOHN LACKNER
 GEORGE WILLY LAMP
 MICHAEL ALAN LANE, Honors in Liberal Arts and Sciences
 JERROLD MICHAEL LANGER, Honors in Liberal Arts and Sciences
 JANICE JOSEPHINE LARSON, Honors in Liberal Arts and Sciences
 FREDERICK MANNING LASKY, Honors in Liberal Arts and Sciences
 NAN FAUN LAVEN
 WILLIAM JOHN LEVERENCE, Honors in Liberal Arts and Sciences
 KAREN EILEEN LEVY
 ROSE PHYLLIS LEVY
 ROBERT CHRISTOPHER LEWIN
 EVELYN LEWIS
 RICHARD HARRY LIBLES
 BETTY JANE LICKO
 LEE RAYMOND LIGHT, Honors in Liberal Arts and Sciences
 FRANK THEODORE LINDMAN, Jr., Honors in Liberal Arts and Sciences
 JOHN WILLIAM LLEWELLYN
 DARLENE SUE LOREK
 JAMES STEPHEN LOUGHMAN
 CHRISTINE LIDIA LUCYK, Honors in Liberal Arts and Sciences
 CYNTHIA LEE LUDTKA
 LINN ALLEN MALKIN
 VIRGINIA SCHMIDT MALMQUIST
 DENNIS STEVEN MANN
 BARRY PAUL MARCUS, Honors in Liberal Arts and Sciences
 EDWARD PAUL MARKEWYCH
 JAMES IRVIN MARUNA
 VICTOR CHARLES MATEGRANO, Honors in Liberal Arts and Sciences
 PETER MCCANDLESS, Honors in Liberal Arts and Sciences
 DENNIS BRIAN MCCARTHY, Honors in Liberal Arts and Sciences with High Distinction in English
 C. JAMES MCCOY
 DANIEL PATRICK MCHUGH
 ANTONIO MENDEZ
 IDELLE LIBBY MICHAELSON, Honors in Liberal Arts and Sciences
 PAMELA ANN MICHALAK
 JOANNE MITTERMANN, Honors in Liberal Arts and Sciences
 GEORGIA ANN MOHR
 ELAINE MARY MOLCHANOV
 JANE LAUREL MONHART, Honors in Liberal Arts and Sciences
 DIANNE MARIE MORISSETTE
 TERENCE ROBERT MRAKAVA
 MATTHEW JOSEPH MROZEK
 WAYNE ALLAN MURPHY
 STUART BERNARD MUSIKANT
 PATRICIA SMITH MUSSON
 MARILYN LUCILLE NASELLI
 PHILLIP DAVID NASH, Honors in Liberal Arts and Sciences
 JOSEPH ANTHONY NEGRON
 JOHN PETER NICHOLAS, Honors in Liberal Arts and Sciences with High Distinction in Anthropology
 MARSHALL HARVEY NORRIS, Honors in Liberal Arts and Sciences
 MARIJA JURATE NORUSIS, Honors in Liberal Arts and Sciences
 DENISE MARGARET NUCCIO
 RAINER HENRY NYMAN
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 JOYCE O'QUINN
 JEROME MAX ORBACH
 YLO ORMISTE
 CHARLOTTE BRUCATO ORTIZ
 ALICE ROTHSCHILD OSHERMAN
 DANIEL JOHN OZOG
 ZIVILE PALIUNAS, Honors in Liberal Arts and Sciences
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 JAMES FRANK PATCHA
 PATRICIA MARY PATSIS, Honors in Liberal Arts and Sciences with High Distinction in English
 KATHARINE PEARSALL
 THORVALD BENNY PEDERSEN, Honors in Liberal Arts and Sciences
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 HILVA LOTTE PERILLA
 ALEXIS SUE PERL
 JOEL BARRY PERZOV, Honors in Liberal Arts and Sciences
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 EILEEN MARY PETRAUSKAS, Honors in Liberal Arts and Sciences
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 BENJAMIN PIAZZA, JR.
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 JULIAN MATTHEW PILARSKI
 JANICE MARLENE PINO
 BARRY DAVID PLOST
 BRADLEY MARTIN PONCHER
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 KAREN JUNE PRUPES, Honors in Liberal Arts and Sciences

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in Liberal Arts and Sciences
CHARLES JAMES RAY, Honors in Liberal
Arts and Sciences with Distinction
in Chemistry
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FREDERICK ERIC RENSCH, JR.
PENELOPE ANNE LOUISE RICCIO
THEODORE RODES, JR.
JUDITH ANN RODGERS
MARTIN MICHAEL ROGERS
RUSSELL FRED ROGERS, Honors in Lib-
eral Arts and Sciences
ANDREW ROJECKI
ERIC RODNEY ROMER
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eral Arts and Sciences
CARY DENNIS ROSTOW, Honors in Lib-
eral Arts and Sciences
RICHARD FRANCIS ROUSE, Honors in
Liberal Arts and Sciences with Dis-
tinction in Geography
JOYCE SMITH RUEBNER
DONALD ANTHONY RUHNKE
EARL ROBERT RUNDE
MARY BISHOP RUNDE
VICTOR STANLEY RZENTKOWSKI
DEANNA GLOWACKI SANTINI, Honors
in Liberal Arts and Sciences
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ALFRED JOSEPH SCHECTMAN
PHILIP ARTHUR SCHECTOR
MARILYN ANN SCHEIM
STEVEN HARVEY SCHIFF
LARRY EDMUND SCHLEGEL, Honors in
Liberal Arts and Sciences
ROBERT JOHN SCHNETTLER, Honors in
Liberal Arts and Sciences
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KATHLEEN ELLEN SCHULSTAD
SUSAN RESNIKOV SCHULTZ
KAREN TIMME SCHWALM
WINFRIED ADOLF SEELIG, Honors in
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VICTOR ELI SEMEN
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Liberal Arts and Sciences
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TERRENCE NEWELL SHERMAN
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eral Arts and Sciences
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Arts and Sciences
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SANDRA SILVERT
ELAYNE SANDRA SIMON, Honors in Lib-
eral Arts and Sciences

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eral Arts and Sciences with Dis-
tinction in German
PHILLIP JOHN SIFIORA
GARY ALVIN SKYBROCK
BARRY LIONEL SMITH, Honors in Lib-
eral Arts and Sciences
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STUART HOWARD SPIEGEL
RALPH C. SPOONER
DAVID MARTIN STAHL
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Liberal Arts and Sciences
GERALD MICHAEL STEIN, Honors in Lib-
eral Arts and Sciences
MARY ANDREA ARNOLD STEIN, Honors
in Liberal Arts and Sciences
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JUDITH ANN STRENG
SAM JUDAH SUGAR, Honors in Liberal
Arts and Sciences
JAMES FRANKLIN SUMMERS
MIRIAM TABACHNIK, Honors in Liberal
Arts and Sciences
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CHRISTINE GABRIELLE TOBOLSKI
BERNADETTE CATHERINE TOCK
JOHN LEONARD TRIMBLE
MICHAEL TUDOR
BRENDA CAROLYN TWINE
ENAD SAVAGE UPSHAW
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ROSE VUKOJEV
DOLORES ANN WAGNER
GARY ALLEN WAGNER
BRENDA KAY WAIDZULIS
DENNIS VERNON WAITE
JUDITH ANN WALTERS
JAMES HENRY WARMOTH
CAMILLE ANNETTE WARREN, Honors in
Liberal Arts and Sciences with
High Distinction in English
SUSAN CLOWES WEBER
ROBERT PHILIP WEINSTEIN
MICHAEL STANLEY WEISHAUS
HARRIET LOUISE WEISS
ANTONIA PAMELA WELLS
GARY HELMUT WENZLAFF
GERALD ALAN WHITE
BARBARA NOURSE WILLIAMSON
LINDA LEE WILSON
MICHAEL OTIS WILSON
JEANNETTE VIVIAN WINKEL
TONI ANN WINNINGER
ARNOLD GARY WITT
MANFRED KURT WOLFRAM
JO ANN WRIGHT
GERI LYNN YANOW
LAWRENCE ARTHUR YATES
CHERYL KAY YATTEAU
ALLAN IRWIN ZACKLER, Honors in Lib-
eral Arts and Sciences

LYLE MARK ZACKLER
JOHN LOUIS ZARNDT, Honors in Liberal
Arts and Sciences with Distinction
in Sociology
BRITTA LILJEROS ZELLER

BARBARA ANTOINETTE ZIAJ
CHRISTINE HELLER ZIOMEK
RAINER HAAS ZSCHOCKE
GARY STEPHEN ZVITT

In the Teaching of English

SHIRLEY ANN BENSON
RITA EILEEN BLOOM, Honors in Liberal
Arts and Sciences
DIANE MARY DISKIN
BARBARA DOUVAS
SUZANNE DIANE EBY, Honors in Liberal
Arts and Sciences
DIANE RONA GOCH, Honors in Liberal
Arts and Sciences
PAULETTE ANN GORCZYCA
JEAN ROBERTS HEGNER, Honors in Lib-
eral Arts and Sciences
JOYCE SETTON HEIN
GAYLE LEE HOFFMAN, Honors in Lib-
eral Arts and Sciences
KATHY ELAINE JACOBS
MYRA L. KAREGIANES
RISHA SYMA KAZ, Honors in Liberal
Arts and Sciences
CAROL SUE LAKIN, Honors in Liberal
Arts and Sciences
MARLENE LAZAR, Honors in Liberal
Arts and Sciences
MARILYN HOPE LEVIN, Honors in Lib-
eral Arts and Sciences
MARSHA MAYER LEVY

BARBARA WOLTER MARTINEC, Honors
in Liberal Arts and Sciences
JOSEPH ROBERT MAZZEFFI, JR., Honors
in Liberal Arts and Sciences
SHERRY LYNNE MAZZETTI, Honors in
Liberal Arts and Sciences
DINA UPFALL PINSKY
NORMA SMITH PYLE, Honors in Liberal
Arts and Sciences
ERIKA SCHWIRETZ RICHTER, Honors in
Liberal Arts and Sciences
MARIEANN SCHULTZ, Honors in Liberal
Arts and Sciences
BEVERLY EILEEN SLOVIN
MARION FRANCES SPILLMAN
DONNA GOODOF STONE
SANDRA LEE TAZIOLI, Honors in Lib-
eral Arts and Sciences
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ors in Liberal Arts and Sciences
HELEN GARDNER VITNER, Honors in
Liberal Arts and Sciences
ANNA WINTERMAN, Honors in Liberal
Arts and Sciences
PATRICIA JEAN ZAYNER, Honors in Lib-
eral Arts and Sciences

In the Teaching of French

ROSEMARIE ZWOLINSKI CHRUSCINSKI,
Honors in Liberal Arts and Sci-
ences
ALETA GRYBOW
MELANIE JOY KAUFMAN

WAYNE RUDEEN, Honors in Liberal
Arts and Sciences with Distinction
in French
JANE ALEXIS TURNER

In the Teaching of German

CHRISTA MARIE HAGEN, Honors in Lib-
eral Arts and Sciences

In the Teaching of History

RICHARD GORDON BARLOW, Honors in
Liberal Arts and Sciences
DEBORAH BORG, Honors in Liberal Arts
and Sciences
RAYMOND RAHIM GRANT, Honors in
Liberal Arts and Sciences
RONALD PHILLIP HOLUB
BARBARA KIRSHENBAUM
GARY LEE KIST, Honors in Liberal
Arts and Sciences
CAROL ANN KLUESENER, Honors in Lib-
eral Arts and Sciences
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LAURALEE ANNE MOLL

MARSHA ENGERMAN NADLER
MARYANN SCHMIDT
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Liberal Arts and Sciences
PHYLLIS SHUSTER, Honors in Liberal
Arts and Sciences
BERNADETTE ANNE SIGL
PHEBE LEE SPENCE
EDWARD CHARLES STRAKA, Honors in
Liberal Arts and Sciences
THOMAS JAMES SUHRBUR
INA BETH SUMMER
JONATHAN WILLIAM WALTON

In the Teaching of Political Science

MICHAEL LEONARD ALTMAN, Honors in
Liberal Arts and Sciences

CONSTANCE MARLENE ECONOMAKOS
JAMES TERRENCE KEATING

In the Teaching of Sociology

CAROL DAWN HAUG, Honors in Liberal
Arts and Sciences

In the Teaching of Spanish

SANDRA NETTIE ELBAUM, Honors in
Liberal Arts and Sciences with
Distinction in Spanish

CAROL ANN LUSE, Honors in Liberal
Arts and Sciences

VIRGINIA ZEI PAJAK, Honors in Liberal
Arts and Sciences with Distinction
in Spanish

MARILYNN CECILE PAVLIK, Honors in
Liberal Arts and Sciences with
Distinction in Spanish
FRANK JAMES RENZINO

In the Teaching of Speech

BARBARA JEAN BALSAMELLO
CHARLENE POWITZ GELBER
ZIVILE MARIA NUMGAUDAS

JEAN-ETTE JOHNS PEKNY
UDELLA SARA POLSKY, Honors in Lib-
eral Arts and Sciences

Degree of Bachelor of Science*In Chemistry*

JOHN WILLIAM BOETTCHER, Honors in
Liberal Arts and Sciences with Dis-
tinction in the Curriculum

GARY CONSTANTINE DE FOTIS, Honors
in Liberal Arts and Sciences with
High Distinction in the Curriculum

JEROME JOHN KOBIERECKI
WILLIAM FRANK MYSZKOWSKI
GAIL MICHIKO SHIMOTO, Honors in
Liberal Arts and Sciences with
Distinction in the Curriculum

In Liberal Arts and Sciences

RICHARD DOUGLAS AARONSON, Honors
in Liberal Arts and Sciences

BARRY CRAIG ASHKINAZ

MARIBETH ANN BABLER, Honors in Lib-
eral Arts and Sciences

SAMUEL CALVIN BALDERMAN, Honors in
Liberal Arts and Sciences

MARTIN STEWART BALIN

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Liberal Arts and Sciences

RICHARD ALLEN BAUMANN

JOHN VERNON BENHAM III

RAYMOND BERNSTEIN, Honors in Lib-
eral Arts and Sciences

STEVEN LAWRENCE BLUM

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MARLENE BROOKS

LEONID BUZYNA

LAIMA MARIJA CEPAITIS

RALPH HARRY CORNELL

DOUGLAS LLOYD CURTS, Honors in Lib-
eral Arts and Sciences

WILLIAM THOMAS CUSACK

EDWARD DANIEL DiDOMENICO

ROBERT HULL DOBBINS

JAMES FREDERICK DUPRE, Honors in
Liberal Arts and Sciences

THOMAS MICHAEL ERHARDT

FREDERIC F. FISHMAN, Honors in Lib-
eral Arts and Sciences

STEPHEN HOWARD FOX

JEFFREY ELIOT GALPIN

ALLAN GOLDSTEIN, Honors in Liberal
Arts and Sciences

MICHAEL JEFFREY GOODMAN, Honors in
Liberal Arts and Sciences

GEORGE THOMAS GRZYBOWSKI, Honors
in Liberal Arts and Sciences with
Distinction in Mathematics

RICHARD EDWARD GUZIK

JOSEPH EDWARD HETMAN

IRENE HIKAWYJ, Honors in Liberal
Arts and Sciences

RICHARD JAY HOFFING

JERRY AUGUST JURICKA, JR.

AVERY BERNARD KARLINSKY

MICHAEL HOWARD KARSEN, Honors in
Liberal Arts and Sciences with
Distinction in Mathematics

MARTIN STEVEN KATZ

DALE GARFIELD KNOX, Honors in Lib-
eral Arts and Sciences

RICHARD LEO KORETKE

CLIFFORD HASKELL KRAUT

NANCY ANN KUSINSKI

ROY LACEY

LEONTINE MALENE LAND

JOEL RICHARD LEFF, Honors in Liberal
Arts and Sciences

NEIL MORTON LEVIE, Honors in Liberal
Arts and Sciences

MARK LEWKOVICH

RICHARD JAMES MASSEY

JOHN ROGER McCAULEY

BARBARA JOAN McMANMON, Honors in
Liberal Arts and Sciences

LYNN JOSEPH MCPHERON

NANCY CATHERINE MICHIELS
 GAIL LOUISE MIERKE
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 Liberal Arts and Sciences
 JAMES EARL MURDOCH
 KAREN ELIZABETH NELSON, Honors in
 Liberal Arts and Sciences with
 Distinction in Mathematics
 GEORGETTE MARTHA NEMECEK
 LORRAINE HOVDE PADOUR
 ALEXANDER JOSEF PAREIGIS
 NEAL POTASH
 NELLIE LEOCADIA PROMINSKI, Honors
 in Liberal Arts and Sciences
 JACOB RAJFER, Honors in Liberal Arts
 and Sciences
 MARK ROSENFELD
 JACOB SALOMON
 ROBERTA DELL SCHLEIFER
 KEITH WILLIAM SCHROEDER
 JERROLD LLOYD SCHWARTZ, Honors in
 Liberal Arts and Sciences
 SHERWYN LEON SCHWARTZ, Honors in
 Liberal Arts and Sciences
 RONALD JOHN SEECK

FRANKIE DORIS SHAFFER
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 RAYMOND S. SMITH
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 ANATOL JOHN STANKEVYCH
 STEVEN ANDREW SWIDLER
 KATHLEEN MARIE THUNBO, Honors in
 Liberal Arts and Sciences
 PETER PAUL TOMAS, Honors in Liberal
 Arts and Sciences
 JOSEPH ANTHONY TORTORICI
 LESTER NORMAN TUROVITZ
 DOUGLAS BRIAN VANDER PLOEG
 JAN MICHAEL VARGO
 PHILLIP LADD WERNER, Honors in Lib-
 eral Arts and Sciences
 ALLEN WILLAM WHITE, JR.
 HOLLY MICHELLE WHITE
 SHARON MARIE WILLIAMS
 JAMES EDWARD ZAJICEK
 BARBARA ANN ZELENY
 ROGER PAUL ZIMMERMAN, Honors in
 Liberal Arts and Sciences
 DALE MAURINE ZITCH

In Physics

WERNER HELMUT BALSTERHOLT
 STEVEN CHAVIN, Honors in Liberal Arts
 and Sciences with Distinction in the
 Curriculum
 RICHARD WILLIAM CHIRKO
 ZENON IHOR DERZKO
 PAUL JOSEPH KRAMER, Honors in Lib-
 eral Arts and Sciences
 WILLIAM JOHN LUTSCHAK
 ROBERT JOHN MUELLER, Honors in Lib-
 eral Arts and Sciences

RICHARD ERNEST NICHOLSON, Honors
 in Liberal Arts and Sciences with
 Distinction in the Curriculum
 JANE ELLEN ONESTO
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 BARRY STEPHEN SCHRAGER, Honors in
 Liberal Arts and Sciences
 ALLEN MAX TEPPER, Honors in Liberal
 Arts and Sciences

In the Teaching of Biological Sciences

CHARLES WILLIAM GOOD, Honors in
 Liberal Arts and Sciences with
 Distinction in Biological Sciences

MARY KOEPKE
 ROBERT WILKINS TISDALE

In the Teaching of Mathematics

RICHARD WAYNE BARONE, Honors in
 Liberal Arts and Sciences with
 Distinction in Mathematics
 ERNEST JAY BERMAN, Honors in Liberal
 Arts and Sciences with Distinction
 in Mathematics
 TERESA ANN CANDELA
 ROBERT LEE CARLSON
 KAREN RUFF CHESTER, Honors in Lib-
 eral Arts and Sciences
 MINNA RUTH DAVIS
 CHARLOTTE MARIE MELZER

MARYANN LOUISE RENK, Honors in Lib-
 eral Arts and Sciences with Dis-
 tinction in Mathematics
 EILEEN CAROL ROTKIN, Honors in Lib-
 eral Arts and Sciences
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 eral Arts and Sciences with Dis-
 tinction in Mathematics
 MARILYN ISABELLE SMITH, Honors in
 Liberal Arts and Sciences
 BARBARA ANN SPARKS
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 eral Arts and Sciences with Dis-
 tinction in Mathematics

COLLEGE OF BUSINESS ADMINISTRATION

Degree of Bachelor of Science

In Accounting

JAMES HOWARD ALTMAN
 SIDNEY DAVID AMDUR, Honors with
 Distinction in Accounting

ALAN ARTHUR ARONSON, Honors with
 High Distinction in Accounting
 BARRY MICHAEL ASHLEY

ARTHUR GERALD BACKSTROM
 ALLEN FRANKLIN BADNER
 WILLIAM ARTHUR BERNDT
 DOUGLAS STEPHEN BOTT, Honors
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 ARMAND E. EPSTEIN
 DONALD JORDAN FEINSTEIN
 DANIEL MICHAEL HARRIS, Honors
 THOMAS JOHN HESLINGA
 JOSEPH STEVEN HOLTZMAN, Honors
 with Distinction in Accounting
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 JOSEPH ALBERT JANOS
 LOUIS GEORGE KARRISON
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 EDWIN THOMAS LONGSTREET
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 RAYMOND JOSEPH MICK
 ALAN JOHN PANOZZO
 CAROL LEE PAUL
 ROBERT ANTHONY PEROTTI
 FRANK MITCHELL RACIBOZYNSKI, Hon-
 ors with Distinction in Accounting
 SAM REMER
 JOHN PATRICK RIORDAN, Honors with
 High Distinction in Accounting
 ALAN ROSEN
 DAVID STEWART RUDSTEIN, Honors with
 Distinction in Accounting
 JAMES ALAN SUCHARSKI

In Economics

ANTHONY JOHN AUGUSTINE, JR.
 JAMES RALPH CASSETTARI
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 JOEL DAVID FUTTERMAN
 JOHN PHILLIP JONES
 PENNY SUE JORGENSEN
 MICHAEL KASTERIN, JR.
 JOHN ROBERT MIELKE
 NEIL HENRY MILLER
 WAYNE FRANK MORYS

HARRY RICHARD OLSEN, Honors with
 Distinction in Economics
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 RICHARD ROBERT RISK
 ALAN LEE SALUS
 RICHARD JOSEPH SZAL
 RICHARD SIMON TERZIAN, Honors with
 High Distinction in Economics
 ARTHUR NORBERT TRAVER

In Finance

JAMES BERNARD CARROLL, Honors with
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 PETER VINCENT DE FAZIO
 JAMES THEODORE GRYZ
 JEROME FRANCIS HAMMES
 PHILIP ALAN LAMELL
 JOSEPH ANTHONY MARECI

PATRICK JOHN MAURO, Honors with
 High Distinction in Finance
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 WARREN ROGER SKOGLUND
 DAVID BARRY SOSIN
 LAWRENCE TEMPLER

In Management

THOMAS WILLIAM CODY
 JOSEPH LATHROP DIX
 MORTON JOEL EINHORN
 MICHAEL BRUCE FARRINGTON
 ROBERT B. GOODMAN
 SUSAN JEAN GREGOR
 MICHAEL JOHN GUARISE
 RICHARD FRANK HEIBERGER
 PHILIP WINSTON KLEIN

RONALD JOSEPH KNIZATKO
 JOHN FRANCIS KORB
 PATRICK THOMAS MAHON
 KARL HEINRICH MARK
 PATRICK WILLIAM PATTERSON
 CHARLES SCHWARTZ
 LAWRENCE SLIVKA
 JOSEPH ABRAM SONNEMAN
 JAMES ANTHONY SORAPARU

In Marketing

EDWARD VICTOR ADAMS
 THORENE JAJA BURNETT
 HERBERT COMROV
 JOHN PAUL GREGORY
 SHELDON ROBERT HORNICK
 WILLIAM ALMERSON HOWARD
 SHERWIN DAVID JAFFE
 ARNOLD IRA KLEIN, Honors with Dis-
 tinction in Marketing
 ROBERT ALLAN LOFGREN
 ROBERT RAYMOND MCFADDEN

HARVEY DAVID MEYERS
 JAMES ANDREW MORRIS
 PAUL FRANK NOWAK
 GUS PANOS
 THOMAS JOSEPH POLESKI
 HENRY SAMUEL POLSON III
 CHARLES EDWARD POWELL
 ROBERT JOHN RONNBECK
 ROBERT RICHARD SMITH
 ROBERT FRANCIS TASSON

In Quantitative Methods

DONALD EDMUND HENSCHER, Honors
with High Distinction in Quantita-
tive Methods

RICHARD DENNIS MAAG

JAMES RICHARD MENSCHING, Honors
with Highest Distinction in Quanti-
tative Methods

COLLEGE OF ARCHITECTURE AND ART**Degree of Bachelor of Architecture***In Building Technology*

WILLIAM LEONARD MALONEY III
JAMES JOSEPH MARTIN, JR.

JAMES EDMUND SCHLOSS

In Design

PAUL RICHARD ANDERSON
JOSEPH JOHN ANSELMO
PAUL HARVEY BACH
DON MORRELL BEASLEY, JR., Highest
Honors
HAROLD JOHN CARLSON
GEORGE JAMES CHECHOPOULOS
DENNIS ARTHUR CIESIELSKI
FRANK RONALD DE LUCA

ZIGURDS GRIGALIS
ALAN FRANK JACOBS
CHRIS ELIAS LIAKAKOS
JAMES EDWARD PABIN
MARTIN CORNELIUS PAUL
DOUGLAS WARREN RUDIG
GARY ALLEN STERN
JOHN VINCENT STUBITSCH

In Structures

JACK DENNIS DONOHUE
TERREL MILTON EMMONS
ALAN WAYNE JABUREK
PAUL FRANK LAHN
ZAVEN HRANT LAMBAJIAN

HARRY MATHEOS
EDWARD MICHAEL MULLANEY
PIER LUIGI PANICALI
ALFONSO EMILIO PEREZ, JR.
EDUARDO VICTOR SUAREZ

Degree of Bachelor of Arts*In Art History*

BARRY LEROY MASON

STELLA ANTONIA THEOPHILUS

In Design

EUGENE PHILIP BELLINE
SANDRA ANN BERGER
EVA MARIE GORCZAK
SYLVIA ELISE MOSS, Honors

BETTE JO TERRY NAYSMITH, Honors
JACK KENNETH PETERSON
RONA FAYE PLATT

In Plastic and Graphic Arts

TERRY FAITH ANDERSON, Highest Hon-
ors
JEROME B. BLOOM
DAVID BLUMENTHAL
SALLY ANN DAVID

JOHN DUNN FERGUSON, High Honors
SUSAN ELIZABETH HOLBERT, Honors
CONNIE JO LIESTMAN, Honors
DINO MASON
DIANE PEARL SCHROEDER

MEDICAL CENTER*Degrees Conferred September 9, 1967***COLLEGE OF DENTISTRY****Degree of Bachelor of Science in Dentistry**

ROBERT ALAN ABELSON
THOMAS CARL ABRAHAMSEN
ROBERT CARL AHLERS
ROGER EARL ALLEN
DENIS DAVID ANDERSON

MARC WILLIAM ANDERSON, A.B., Au-
gustana College, 1965
WILLIAM FREDERICK BECK
PAUL MICHAEL BLIDY
JOSEPH EUGENE CANZONA, B.S., 1965

CURTIS EUGENE CARLSON, A.B., Augustana College, 1965
 DONALD BRUCE CHINLUND
 MICHAEL PAUL COLLINS
 JEAN MARTIAL CORRIVEAU, A.B., University of Virginia, 1965
 RICHARD HAIGH FERRELL
 FREDERICK MICHAEL FITZPATRICK
 SHELDON ALLAN GRABINER
 RICHARD FRANCIS GRAHAM, B.S., 1965
 RICHARD ROBIN GREGORY, A.B., University of Hawaii, 1965
 BRUCE ALAN HILLEMAYER
 BRUCE EVERETT HOCHSTADTER
 WILLIAM EDWARD HOWELL II
 STEPHEN ARTHUR KAAD
 HARVEY JUSTIN KAHN, A.B., University of Michigan, 1965
 AUGUST JOSEPH KALETA
 LEON RAYMOND KELLEHER
 LARRY DEAN KOSTEN, with Honors
 GARY ALAN LEAGUE, A.B., Miami University, 1965
 JEFFREY BATTON LEBEN, A.B., Illinois Wesleyan University, 1965

PAUL ERIC LITVIN
 THOMAS RICHARD MATTESON
 RICHARD HUGH MCKONE
 RICHARD KARL MERRY
 EDWARD MARK MILLER
 MICHAEL JOSEPH PORTER
 STEVEN RICHARD RANDELL
 GARY KARL SAWYERS
 JOHN KENDRICK SCHMIDT
 JERALD MICHAEL SCHWAB
 STEVEN MICHAEL SHIPKA
 OLIVER DAVID SMITH, A.B., Monmouth College, 1962
 ROBERT THOMAS STANLEY
 JAMES HENRY VOHS, B.S., University of Detroit, 1965
 PETER CARL WASILKOFF
 JOSEPH RICHARD WELLS
 PHILIP VERN WHEELER
 RANDY MILES WIDEN
 MICHAEL BARNES WILLENBORG
 STANLEY JEROME WITKIEWICZ
 MICHAEL BARRY WOLF

Degree of Doctor of Dental Surgery

WILLIAM ALEXANDER AYER, Jr., B.S., 1963, 1965
 IRENE BRZEZINSKI, D.D.S., University of Erlangen, 1949; M.P.H., University of Minnesota, 1958
 CHARLES RICHARD CURTIN, B.S., 1965
 MICHAEL DAVID PAREY, A.B., Knox College, 1963; B.S., 1965
 RAYMOND LUND PROFANT, A.B., DePauw University, 1960
 JAMES BENNET SWANSON
 ALAN ROBERT TUCHTEN, B.S., Loyola University, 1963; B.S., 1965
 JAY FORBES WATSON, B.S., Roosevelt University, 1963; B.S., 1965

COLLEGE OF MEDICINE

Degree of Doctor of Medicine

WALLACE SIGURD EVANGER, A.B., Northwestern University, 1962
 BARRY EDWARD RABIN
 EMERY DEAN ROBERT, D.Sc., University of Bolyai, 1946

COLLEGE OF NURSING

Degree of Bachelor of Science in Nursing

JOANN PHYLLIS BLAKE
 MARTHA BRADSHAW BONANDER
 SARAH MARIE HUBER
 JUDITH ANNE JEZEK, with Honors
 DONNA MARIE JOHNSON
 DONA HARRIS LeBLANC
 JOAN ANITA McMILLAN, with Honors
 MARY ROSE MESETZ
 URSULA MOELLER
 LAIMA MARTA PURVINAS
 MARCIA CHRISTINE SCHICHT
 SUSAN ALYCE THOMPSON
 CAROL LEE VOTAVA
 SHARON LEE WILFORD

COLLEGE OF PHARMACY

Degree of Bachelor of Science in Pharmacy

HOWARD WILLIAM HARMS, A.B., State University of Iowa, 1948
 WILLIAM MICHAEL MARTIN

*Degrees Conferred December 9, 1967***COLLEGE OF DENTISTRY****Degree of Bachelor of Science in Dentistry**

JOSEPH ROBERT JEDRYCHOWSKI
MICHAEL EDWARD LESSIN

RICHARD STENLEY SMIEJEK

Degree of Doctor of Dental Surgery

ROSS DEAN KOKOS

COLLEGE OF NURSING**Degree of Bachelor of Science in Nursing**

JOAN CAROL GATES

DIANE JEAN SCOTT, with Honors

COLLEGE OF PHARMACY**Degree of Bachelor of Science in Pharmacy**

KENNETH ALFRED BAILEY
OTILIA ANA CID

CHARLES ALAN TURNER

*Degrees Conferred March 16, 1968***COLLEGE OF DENTISTRY****Degree of Doctor of Dental Surgery**

HUBERT HENRY LAVERTY

COLLEGE OF NURSING**Degree of Bachelor of Science in Nursing**

KAREN LOUISE STRATTON

KATHLEEN ANN WALSH

COLLEGE OF PHARMACY**Degree of Bachelor of Science in Pharmacy**

URSULA MARIA KURTZ

SHOW CHEONG LUM

*Degrees Conferred June 7, 1968***HONORARY DEGREE****Degree of Doctor of Science**

WILLIAM HUFFMAN STEWART, M.D., D.Sc., LL.D.

GRADUATE COLLEGE**Degree of Doctor of Philosophy***In Anatomy*

DAVID MERRILL BIDDULPH, B.S., Utah State University, 1963; M.S., 1966

DALE RICHARD EISENMANN, B.S., D.D.S., 1963, 1964

EDWARD WILLIAM GRESIK, A.B., Xavier University, 1961; M.S., 1966

COLIN FREDERICK LOVELL HINRICHSSEN, B.D.S., M.D.S., University of Sydney, 1957, 1960; M.S., 1965

ROBERT PETER SCAPINO, B.S., D.D.S., M.S., 1959, 1962, 1963

JOHN WILLIAM SECHRIST, B.S., Wheaton College, 1964

In Biological Chemistry

FRANCOIS MARTHINUS BOOYSE, B.S., M.S., University of Pretoria, 1963, 1966
MARGARET ANN O'BRIEN BROSTROM, A.B., Clarke College, 1963
CAROLYN ROSE VIRUS CARPENTER, B.S., 1963
ALFRED CHAN, JR., A.B., Whittier College, 1962
JOHN THORNTON DULANEY, B.S., West Virginia Wesleyan College, 1958; M.S., University of Chicago, 1962
SONDRA GALE BARRETT GOLD, B.S., M.S., 1962, 1965
EDWARD DAVID HARRIS, A.B., M.S., 1960, 1965
CHARLES LEE HERSHBERGER, B.S., Eureka College, 1964
MARGARET ANN KENNY, B.S., University of Portland, 1962
WILLIAM FRANCIS LINE, A.B., Catholic University of America, 1958
SEYMON NACHMAN MILLNER, B.S., M.S., University of Chicago, 1956, 1963
FRANKLIN HARRIS PORTUGAL, B.S., Columbia University, 1962
HENRY MARTIN SARAU, B.S., North Park College, 1963
JACQUELINE THERESA BIFANO SCHOLAR, A.B., Seton Hill College, 1962
DAVID ANDREW SIRBASKU, B.S., College of St. Thomas, 1963
JOHN ALFRED WATSON, B.S., Illinois Institute of Technology, 1964

In Chemistry (Pharmaceutical)

MARTIN DAVID BAUM, B.S., M.S., Massachusetts College of Pharmacy, 1962, 1964
WOLFGANG GERICKE, B.S., University of Bonn, 1953
FRED MARTIN HERSHENSON, B.S., 1962
RICHARD EDWARD HEWITSON, B.S., Rochester Institute of Technology, 1959; M.S., 1962
KARL ALLEN ROSEMAN, B.S., 1957

In Microbiology

DANIEL EINAR THOR, A.B., Monmouth College, 1960; M.D., 1963

In Pathology

ERWIN PHILLIP BARRINGTON, B.S., D.D.S., 1957, 1959; M.S., Tufts University, 1963
JOSE RAMOS MANALIGOD, M.D., University of the Philippines, 1961; M.S., 1965
C. PAUL OSMANSKI, D.D.S., University of Buffalo, 1960; M.S., 1963

In Pharmacology

IHSAN MIKE DIAB, B.S., Roosevelt University, 1960
ERIC MICHAEL SCHOLAR, B.S., Rutgers University, 1961
RONALD GLENN THURMAN, B.S., St. Louis College of Pharmacy, 1963

In Physiology

AUDREY SUSANNA BINGEL, A.B., Hunter College, 1963
HENRY HANNA GALE
WILLIAM MCCLELLAN HAMBY, A.B., B.S., M.D., 1955, 1957, 1959
JAMES ALBERTINE MCCLINTOCK, B.S., M.S., Purdue University, 1963, 1964

Degree of Master of Science*In Anatomy*

KEITH EDWARD ALLEY, B.S., 1967
CONSTANCE ANN CARDASIS, A.B., Ball State University, 1965
LARRY GEORGE FICKENSCHER, A.B., Augustana College, 1962
MARTHA RUTH CARLSON JOHNSON, A.B., North Park College, 1966
KENNETH FRED WOERTHWEIN, A.B., Princeton University, 1964

In Biological Chemistry

VINCENT ANTHONY GEMELLARO, A.B., Northeastern University, 1965
IOANNA ISAAKIDOU, A.B., Whitman College, 1966
MARIE LOUISE TSING-YUN TCHAO, B.S., Nazareth College, 1966
OTTO FRANK WALASEK, B.S., University of Wisconsin, 1945
DIANNA IRENE WEEKS, B.S., Rutgers University, 1963

In Chemistry (Pharmaceutical)

JEANETTE CHENG, B.Pharm., Taipei Medical College, 1965
CATHERINE LEIDA BENOIT POKORNY, A.B., College of Our Lady of the Elms, 1963
NANCY BANG-CHUNG WU, B.S., National Taiwan University, 1966

In Histology (Dental)

JEAN CLAUDE KAQUELER, B.Ph., D.D.S., University of Paris, 1956, 1964

In Microbiology

DICKY JEN WEI CHIAO, B.S., Southwestern University, 1966
ANN MARIE FALLON, A.B., University of California, 1964
RICKI BERENICE JOHNSON, B.S., 1960
EDWARD ANTHONY NOWAKOWSKI, B.S., Northern Illinois University, 1950

In Oral Pathology

LEE IRWIN COPELAND, B.S., D.D.S., 1961, 1963
ALICIA SUSANA RUBINSTEIN, A.B., Colegio Guida Spano, 1966; D.D.S., University of Buenos Aires, 1961

In Oral Surgery

GERALD IAN BAKER, D.D.S., University of Toronto, 1964

In Orthodontics

DONALD ANTHONY CAROLLO, D.D.S., 1964
GERALD ARNOLD ULLMAN, B.S., D.D.S., 1958, 1959
RAMON MATHEW ZOLLER, JR., B.S., D.D.S., 1962, 1963

In Orthopaedics

DANIEL VINCENT GIRZADAS, M.D., Loyola University, 1963

In Pathology

SHARON LYNN BURKE BUGAJ, B.S., Loyola University, 1965

In Pedodontics

CHRIS HARRY SARLAS, B.S., D.D.S., 1964, 1966

In Pharmacognosy

THELMA NAVARRO AGUILAR, B.S., The Philippine Women's University, 1942; M.S., State University of Iowa, 1955
MARK JULIAN SOLOMON, B.S., 1967

In Pharmacy

VIRGINIA UMALI CASTILLO, B.S., M.S., The Philippine Women's University, 1950, 1959
GRACE TSAI-YUN WU CHEN, B.S., Taipei Medical College, 1964
RONALD BRUNO KLUZA, B.S., 1965
REGINA PAO-SHU SHIAU, B.S., National Taiwan University, 1963

In Physiology

GRETCHEN MARY BROM, A.B., Bucknell University, 1964

Degree of Master of Science in Nursing

SALLY JEANETTE BROSZ, B.S., 1966
LINDA RAE SIMON CAMIN, B.S., Western Reserve University, 1961
GRACE TAYLOR PUTNAM FASS, B.S., 1963
ELEANOR MARIE FRICK, B.S., Loyola University, 1959
SALLIE FORREST MULLIKEN OLSEN, B.S., University of Wisconsin, 1965
CATHERINE MARIE OWENS, B.S., Indiana University, 1965
SHARON LEA KRUEGER POLCYN, B.S., Northwestern University, 1961
BARBARA PAUL WILLIAMS, B.S., Hood College, 1957
MARY ELIZABETH WORDELL, B.S., Catherine Spalding College, 1959
EMILY CATHERINE ZABROCKI, B.S., College of Saint Teresa, 1963

COLLEGE OF DENTISTRY

Degree of Doctor of Dental Surgery

- STEPHEN WOOD ALBERS, A.B., North-western University, 1964; B.S., 1966
 KEITH EDWARD ALLEY, B.S., 1967
 LEONARD EUGENE BEARE, JR., B.S., 1964, 1966
 FREDERICK DOUGLAS BEGEMAN, B.S., 1966
 CHRISTIAN SVEN BERDY, A.B., University of Colorado, 1964; B.S., 1966
 JAMES BYRON BERKE, B.S., Northern Illinois University, 1963; B.S., 1966
 JADWIGA MARIA MAGDALENA BIERNOT, D.D.S., Johann Wolfgang Goethe University, 1950
 DAVID ROBINSON BULLEN, B.S., 1966
 LAWRENCE HOWARD COOPER, B.S., Roosevelt University, 1963; B.S., 1966
 STANLEY DRAB, with Honors
 ALAN CARL ECKMAN, B.S., 1966
 ROBERT ALVIN FAESSEL, B.S., 1966
 IRENE HOROSZOWSKI FISCHER, D.D.S., University of Warsaw, 1955
 RICHARD ELDRIDGE FRANCIS, B.S., 1964, 1966
 BARRY KENNETH FREYDBERG
 RICHARD RAYMOND GEISLER
 DANIEL MICHAEL GIBBONS, B.S., 1966
 IRA HARRY GRANAT
 HOWARD JAY GREENE, B.S., University of Wisconsin, 1964
 RICHARD JAY GREENSTEIN
 KENNETH WILLIAM GRUNDSET
 JONATHAN GRANT HANSON, A.B., St. Olaf College, 1964; B.S., 1966
 TERRY BURNELL HENERT, B.S., 1966
 HAROLD ISENBURG, B.S., 1959, 1963, 1966
 STEVEN CARTER IVES, B.S., 1966
 PHILIP BRUNO JALOWIEC, B.S., 1966
 JOHN ALLEN JANICKE, B.S., 1966
 JOSEPH ROBERT JEDRYCHOWSKI, B.S., 1967
 DENNIS LEE JOHNSON, B.S., 1966
 MICHAEL LEE KAPLAN
 HALINA MARIA KAY, D.D.S., The Warsaw Medical Academy, 1954
 DAVID ERWIN KEEKER, B.S., 1966
 WALTER YOSHIO KITAJIMA, A.B., San Jose State College, 1960; M.P.H., University of Michigan, 1964
 CHARLES ADAIR KOONZ, with High Honors; B.S., 1966
 ARTHUR RAY KREMER, B.S., 1966
 PETER CLARENCE KUHN, B.S., 1966
 DARMON DOYLE KUNTZ, B.S., 1966
 ZENTA VISS LAPRUS, D.D.S., Ludwig-Maximilians University, 1950
 ANDA FARIDA LEGZDINS, B.S., 1966
 SALVATOR PATRICK LIBERATI, B.S., Roosevelt University, 1965; B.S., 1966
 STEPHEN EDWARD LINE, B.S., 1966
 PATRICK JOHN LOUGHLIN, B.S., University of Wisconsin, 1964
 ARTHUR MAYER MARCUS, B.S., 1966
 WAYNE WILLIAM MASON, B.S., 1966
 GENE ELLIOTT MENDELSON, B.S., 1966
 ALLEN JACK MOSES, B.S., 1964, 1966
 ROBERT PAUL MUELLER
 ELLIS JAY NEIBURGER, B.S., 1966
 HOWARD EDWIN NELSON, B.S., Northern Illinois University, 1960; B.S., 1966
 RICHARD CLARENCE NELSON, B.S., 1966
 GAYLORD DON NOREN, B.S., 1964, 1966
 WILLIAM ANTHONY OLEVICH
 RICHARD WALTER OLSEN, A.B., North-western University, 1964; B.S., 1966
 RODNEY DUNCAN OWENS, B.S., 1966
 THOMAS EDWARD PARRY, B.S., 1966
 RICHARD THOMAS PERRY, B.S., Roosevelt University, 1963; B.S., 1966
 RONALD GORDON PIROK, B.S., 1966
 RICHARD HENRY RENWICK, B.S., Bradley University, 1965
 ROBERT JOHN RIGGS, A.B., North Central College, 1957; B.S., 1966
 GEORGE ROBERT RIVIERE, A.B., Drake University, 1966; B.S., 1966
 LARRY WAYNE ROBBERN
 STANLEY RAY ROSS
 DANIEL MILTON SALZER, B.S., Roosevelt University, 1963; B.S., 1966
 RONALD BENNETT SCHATZ
 JULIAN GEORGE SCHLESINGER, A.B., Augustana College, 1959; B.S., 1966
 JACK ALVIN SHANNON, B.S., Wheaton College, 1963; B.S., 1966
 DAVID MICHAEL SILBERMAN, B.S., 1964, 1966
 NATHAN MORRIS SIROTA, B.S., 1966
 THOMAS JAMES SKIBA, B.S., 1966
 HERBERT PAUL STEPHAN, B.S., 1959
 JASON RICHARD STERN, B.S., Roosevelt University, 1965
 PHILLIP PAUL SUKEL, B.S., 1966
 ROBERT TITO SVEN
 DENNIS PATRICK SWEENEY, B.S., 1966
 THOMAS JOSEPH TAX
 PAUL LOUIS TERRANOVA, A.B., Northern Illinois University, 1960
 RUSSELL PAUL UMBRICH, B.S., 1966
 DAVID FLOYD VAN ANROOY, A.B., Grinnell College; B.S., 1966
 LANNY RICHARD WALKER, B.S., 1966
 THOMAS PETER WILLIAMS
 RICHARD RALPH WOEHRL, B.S., 1966
 CHARLES ARTHUR WOERZ, B.S., 1966
 GEORGE RAYMOND ZAGE, JR., A.B., Augustana College, 1964; B.S., 1966

COLLEGE OF MEDICINE

Degree of Doctor of Medicine

- RONALD LEE ARIAGNO, B.S., Lewis College, 1964
 GUY WALTER ATON, A.B., Southern Illinois University, 1964
 VERNON PAUL BANNING
 RICHARD MARTIN BASS, B.S., Loyola University, 1964
 BRUCE MARK BERKSON, B.S., 1964
 LEONARD DAVID BERNSTEIN
 CARL RUSSELL BIRCHARD, A.B., Olivet Nazarene College, 1962
 WILLIAM CHARLES BLUSTEIN
 PAUL MARVIN BOGAN
 EUGENE RICHARD BOOSTROM, B.S., St. Louis University, 1962
 JOHN LANDIS BOWMAN
 ALAN DAVID BRAMOWITZ
 BENNETT GEORGE BRAUN, B.S., M.S., The Tulane University of Louisiana, 1963, 1964
 BONNIE JOY SHAPIRO BRODKIN
 CHARLES EDWARD BRONDOS, A.B., Valparaiso University, 1963
 RONALD ELDON BRONS, B.S., 1964
 ROBERT PATRICK BROWN
 RICHARD WILLIAM BURNER, B.S., Manchester College, 1964
 RICHARD BUYER, B.S., 1961
 RICHARD EARL CALVIN, A.B., Wabash College, 1964
 JEREMY CUNNINGHAM CAMPBELL, B.S., 1965
 JOYCE AINES ATLEE CAMPBELL, A.B., Washington University, 1962
 CARL WARNER CARLSON
 KENNETH CODY CASE, B.S., University of Chicago, 1961
 KENNETH CRAIG CHESSICK, B.S., 1965
 FRANK CHMELIK
 HAROLD LAURITZ CHRISTENSEN, Jr., B.S., 1964
 THOMAS ALLAN CHRISTIANSEN, A.B., Denison University, 1964
 DONALD RALPH COFFMAN
 DAVID EARLE CONNER, B.S., University of Dubuque, 1963
 JOHN LEVI COON, Jr.
 ARTHUR PETER COPEK, B.S., University of Notre Dame, 1964
 DAVID JOHN CORDES, A.B., 1964
 EDWARD JOSEPH CORNILLE
 IRIS GRONER COSNOW
 FREDERICK WALTER CYCHOLL, A.B., Millikin University, 1964
 THOMAS EARL DAVIS
 DONALD WAYNE DAY, B.S., State University of Iowa, 1964
 BARBARA ANN ESCHER DE GROOTE, A.B., State University of Iowa, 1959
 CHARLES HENRY DENNIS, B.S., 1957
 STANLEY CASIMER DERESINSKI
 SUZANNE GAIL DEY, B.S., Calvin College, 1963
 ROBERT CARTER DONALDSON, with Honors; B.S., Northern Illinois University, 1964
 THEODORE DONOSKY
 JON WILLIAM DOOSE, B.S., University of Wisconsin, 1964
 COLIN STEPHEN DOYLE, with Honors; A.B., Knox College, 1964
 DAVID KEITH EDELBERG
 CHARLES CLIFFORD EGLEY
 JOHN JOSEPH FALZONE
 MICHAEL HERMAN FENN
 LARRY GEORGE FICKENSCHER, A.B., Augustana College, 1962
 RONALD E. FOLTZ, B.S., Wheaton College, 1964
 RONALD LEE FREEMAN, A.B., Washington University, 1964
 JUDITH LOIS FRIEDMAN, A.B., A.M., University of Chicago, 1960, 1962
 BRUCE MAXIMILIAN GACH, B.S., Loyola University, 1964
 ANDREW GENE GAIZUNAS
 HOWARD KENNETH GELMAN
 GREGORY ALAN GERGANS, A.B., B.S., 1964
 BARRY HERSCHEL GOLDBERG, B.S., 1964
 LAURENCE JOSEPH GOTT, A.B., University of Notre Dame, 1964
 DOUGLAS O. GREEN, A.B., 1965
 ROBERT ALLAN GREENDALE, A.B., Northwestern University, 1964
 ALAN BAARD GRINDAL, A.B., Northwestern University, 1964
 MYRON HARASYM
 LARRY DEAN HARRIES, A.B., Monmouth College, 1964
 STEVEN CHARLES HARRIS, B.S., 1964
 ROBERT JAY HART
 JOHN CHRISTOPHER HASTINGS
 ROBERT LEROY HAZELRIGG, B.S., Illinois College, 1963
 DON RICHARD HEISER
 KENT JOHN HESS, B.S., 1964
 KERMIT DAN HOYME
 MARILYN ANN HRUBY, with Honors; B.S., Michigan State University, 1962
 BRUCE ARTHUR HYMAN, B.S., University of Wisconsin, 1964
 PHILLIP ARTHUR IMMESOETE
 WARREN DAVID JACOBS
 PHILLIP ALLEN JACOBSON, B.S., 1964
 CHESTER JOHN JANAS, Jr.
 CURTIS WILLIAM JOHNSON, A.B., Drake University, 1964
 RONALD MALCOLM JOHNSON, A.B., 1965

- ROBERT HAROLD JOSEPH, B.S., Purdue University, 1964
 DANIEL PAUL JUSTUS, A.B., Wheaton College, 1964
 DAVID WILLIAM KALIES, A.B., Drake University, 1964
 SHIRLEY EVA KELLIE, B.S., Wheaton College, 1964
 JAMES RICHARD KIRKPATRICK, B.S., University of Wisconsin, 1965
 JOAN THERESA KLONOWSKI, B.S., Loyola University, 1964
 JAMES VERNON KOPP, B.S., University of Akron, 1962; M.S., 1964
 FRANK CUSTER KORANDA
 LARRY WILLIAM KREIDER, B.S., Beloit College, 1964
 DANIEL MORTON KRUSS
 DAVID PAUL KUTER, B.S., Stanford University, 1964
 VICTOR JOSEPH LANZOTTI
 CHARLES JOHN LARSON, B.S., Denison University, 1964
 NORMAN LAVIN, B.S., Roosevelt University, 1961
 JEREMY ALLAN LAZARUS, A.B., Northwestern University, 1964
 DAVID L. LEVIN, B.S., 1963
 RICHARD MARK LEVIN, A.B., Miami University, 1964
 HOWARD BRUCE LEVY, B.S., 1963
 SHARON FERDMAN LIBIT
 ROBERT ARON LIEBERMAN, A.B., Columbia University, 1964
 KENNETH CHARLES LINDAHL
 DAVID JONATHAN LINDERT
 LARRY GENE LINDOW, A.B., Blackburn College, 1964
 KENNETH ARTHUR LORENZ
 JULIE ADAMS LUKEN
 ARTHUR NORMAN LURVEY, A.B., A.M., University of California, 1963, 1964
 ALLAN TESSLER LUSKIN, B.S., 1964
 ELLIOT ARTHUR MAGIDSON, B.S., 1965
 JAMES ROBINEAU MARGOLIS
 DAVID AVILA MARTINEZ, A.B., Southern Illinois University, 1963
 MICHAEL JOSEPH MAXIMOV, B.S., 1964
 HAROLD JOSEPH MCBRIDE
 FREDERICK JOHN MERCHANT, B.S., 1963
 MARTIN BENJAMIN MEYERSON
 JACK MILTON MILLER, A.B., North Central College, 1964
 EDWARD PATRICK MONNELLY, B.Ph., A.M., University of Notre Dame, 1958, 1959
 VERNON JOHN MOORE, JR., B.S., Loyola University, 1964
 GARY BEN MORRIS, A.B., 1965
 MORTON CLARIDGE MORRIS, A.B., Murray State College, 1962
 RONALD IRWIN MOSS
 DANIEL ARCHIBALD NACHTSHEIM, JR., A.B., Washington University, 1964
 BERNARD ANTHONY NEMCHAUSKY, B.S., 1964
 JAMES LOUIS NEWMAN, A.B., Northwestern University, 1964
 SALLEY REGGEL OAKES, A.B., Denison University, 1965
 RICHARD LEON OLSEN, B.S., University of Wisconsin, 1964
 DONALD PALMER, A.B., Washington and Lee University, 1964
 JACKIE KAY PERSHING
 PETER ALEX PETROFF, JR., B.S., DePaul University, 1964
 BRIAN H. PINE, A.B., 1964
 THOMAS EUGENE PORTER
 JAMES SAM POULOS
 IZOLDA MARIA BENDORAITIS RADVILA
 PAUL RAYMOND RADWAY, B.S., Michigan State University, 1964
 RUTH ANN GODWIN RAMSEY, B.S., University of Wisconsin, 1965
 RICHARD BRUCE RESSMAN, B.S., 1965
 PAUL ROY RICE
 JAMES LOUIS ROSCETTI, B.S., St. Louis University, 1964
 ARTHUR HAROLD ROSSOF
 ROBERT MERTON ROY, JR., B.S., Northern Illinois University, 1963
 SAMUEL BURTON RUSH
 GWENDOLYN LOUISE BOYD SCHMIDT
 WILLIAM HERBERT SCHULTZ, A.B., Northwestern University, 1964
 MICHAEL PAUL SCHWARTZ
 KARL LEE SCHWIESOW, B.S., 1965
 SUMNER SEIGLE SEIBERT
 JAMES ALLAN SERWATKA, B.S., Loyola University, 1964
 CHARLES EARL SETEN III, A.B., Southern Illinois University, 1964
 JERROLD EDWIN SHAPIRO
 ROCHELLE NATALIE SHAPIRO
 SANFORD JACK SHATTIL, with Honors; A.B., 1965
 GERALD WALTER SHAY, A.B., St. Mary's College, 1964
 DAVID ALLAN SHNEIDER
 NAOMI ANN SIDELL, B.S., Loyola University, 1964
 THOMAS PAUL SLOAN, A.B., Wabash College, 1964
 BURKE WILLIAM SMITH, A.B., University of Chicago, 1964
 WILLIAM ROAN SMITH II
 ERIC CHRISTIAN SORENSEN
 WILLIAM ROBERT STEARNS, B.S., 1964
 NOAH LELAND STILL
 GARETH WILLIAM STRAND, A.B., Augustana College, 1964
 STEVEN LOOMIS STROUP, B.S., Southern Illinois University, 1961

FRED STULP, B.S., Calvin College, 1965
 RAYMOND NESTER SWEENEY, B.S., St. Louis University, 1966
 DIANE MARIE TATE, B.S., Mundelein College, 1964
 STUART ALAN TERRY, with Honors
 CAMERON JOHN THOMSON, B.S., Loyola University, 1964
 PATTI JAYNE TIGHE, B.S., Mundelein College, 1964
 CLAUDIO TORRES
 THOMAS STANLEY TYSZKA
 ROGER GENE UNZICKER, A.B., Goshen College, 1961; M.S., 1964
 ROBERT JOSEPH VALKO, A.B., 1964
 WILLIAM WAYNE VAUGHT, Jr.

SAULIUS JOSEPH VYDAS, A.B., Bowdoin College, 1960; M.S., University of Michigan, 1963
 FRANCIS BENEDICT WAITES
 CHARLES TAYLOR WALTER, Jr., B.S., 1964
 MARY CHRISTINE WEBSTER, with Honors; B.S., Northern Illinois University, 1964
 RICHARD WALTER WELCH, B.S., 1964
 JOSEPH KELLY WILCOXEN, B.S., 1965
 GARY EARL WILSON, A.B., Olivet Nazarene College, 1963
 MICHAEL HOWARD WINER
 FREDERICK EDWARD WOHLBERG
 MARTIN EDWARD ZADIGIAN, B.S., Northern Illinois University, 1963
 THOMAS JAY ZIMMERMAN, B.S., 1964

SCHOOL OF ASSOCIATED MEDICAL SCIENCES

Degree of Bachelor of Science in Medical Art

JULIA HOUSER ALLEN
 LEWIS DAVID GOLDSTEIN
 JANE ANN HURD, with Honors

STEWART BRUCE LEAVITT
 DAVID MICHAEL MARINELLO

Degree of Bachelor of Science in Medical Record Administration

VICKIE LYNN APPLEGATE
 VIOLETTA DIANA AUKSTAKALNIS
 CAROLYN RUTHETTA BANKS
 BONNIE MARIE BONVICINI
 LESLIE JOAN FEIT
 LESLIE ANN FOX
 ELAINE INEZ GORELIC

ALICE KATHARINE JONES
 CHARLOTTE VIVIAN REED
 JUDITH VIVIAN ROSEN
 MARY TALIA SHEEHY
 RHONDA JEAN SILVERSTONE
 LAURA ELLEN STRICKLER
 KAREN JOYCE WALLBAUM

Degree of Bachelor of Science in Medical Technology

NIKI ANDREWS
 FRANCINE MARY BROSKA
 VICKI COOPER
 RICHARD THEODORE FEIFAR
 IRENE NADIA FOROWYCZ
 CAROLYN SUE GANGER, with Honors

JEANETTE MARIE GOLDBERG
 DONNA MARIE HYPKE
 JAMES RICHARD LYNN
 DANGUOLE ANGELA MACKEVICIUS
 HARRIETT GENE RUBIN
 JUDITH ANN SCHETTLER

Degree of Bachelor of Science in Occupational Therapy

JOAN MARIE VINING BAIHL
 SANDRA LEE BERGER
 HELEN LOUISE BOWEN
 JOHN HERBERT BROUGH
 KATHLEEN ELIZABETH MELLOR CAIN
 RHONDA YOELIN HART
 LYNN ANNETTE JAEGER

ELIZABETH LEE JUPP
 JANE LETSINGER
 LUELLA JANE MCCARTNEY
 JUDY CAROL PAYNE
 CORRIE ALAN SCHULTZ
 BILLIE JEAN WOLF

COLLEGE OF NURSING

Degree of Bachelor of Science in Nursing

SUSAN ROBINSON AYERS
 SABINA VERONICA BARZDA
 CAROLYN LUCILLE BATES
 ADELE JOSEPHINE BLANCO
 ALICE JEAN HENNING BONICK
 SHARYN ELAINE BOOTH

CHERYL LEE BOWLES
 PATRICIA ANN WERTZ BREMER
 BROOKE BRINKER
 CAROLE ANN BURGER
 LOIS ELAINE CARLSON
 HENY JEAN SCHOEMAN CIOCCI

JEANNINE ANN CLUTS
 LINDA SUE COMER
 MARCIA DARRELEE CRUTHIS
 JUDITH MARY DULLE
 MARILYN SUE FAHNSTROM EAGLE
 KAREN ELAINE ECKSTEIN
 JUDITH ANN EGAN
 MYRA MIRIAM FARR
 KAY ETTA FRAULINI
 SUE ANN FREIDINGER, with Honors
 JUDITH ELLEN GLAUDER
 ELLEN JANICE ALBRIGHT GRIFFIN
 LOIS ANN KAZMIER HALSTEAD
 DORIS ELAINE HARMS
 MARLENE TRUDY HORWITZ
 KATHRYN ELLEN FYR HOYSACK
 MARGARET MARIE JOHNSEN
 NOREEN MADALINE JOHNSON
 DONNA JEAN KARL, with Honors
 LOTTIE KOWALCZYK
 DOLORES JEAN KRICKL
 RITA LIBERSON
 VICKY ANN LINDEMANN
 SANDRA ANGELINA MULEE, with High Honors
 JUANITA EILEEN CARROLL MUNDY

CAROL ANN MUNNO
 KAREN ALICE NELSON, with Honors
 SHIRLEY ANN NELSON
 LYNN ANN NEWBERRY
 JAN LOUISE PARK
 LINDA ELLEN LOWRY PETERS
 VIVIAN LUCIA PROTENHAUER
 LOIS MARY RADAY
 BOBBE GALE ROBINS
 JUDITH LAVERNE ROBISON
 SHARON ELEANOR ROSE, B.S., Wheaton College, 1963
 MARGUERITTE MARIE RYDLEWSKI
 MARILYNN ANN SCHMIDT
 SANDRA MARLENE SCHROEDER
 ROBERTA PAULETTE SCHULT
 DEBORAH KAY SEIFER SEESKIN
 JUANITA DOMICELLA SEROWKA
 JUDITH SHARON DORFMAN SIDELL
 TONI LEE SUSIE
 BRIGITTE MARGARET TARALDSEN
 ROSALIE MARY TRAGARZ
 CHRISTINE ANN GRYZOS URBASZEWSKI
 JUDITH LEE WESTPHAL
 CAROLYN RUTH WILSON
 LINDA RUTH WILSON

COLLEGE OF PHARMACY

Degree of Bachelor of Science in Pharmacy

SKIPPER ANDRADE
 PAUL LOUIS BABIAK
 ROGER LOUIS BERMAN, B.S., Northwestern University, 1963
 LYNN MARIE BERTOLLI
 ROBERT DENNIS BINKOWSKI
 CLIFFORD EARL BOHLMAN
 EDWIN JOSEPH BOKLEWSKI
 LAWRENCE RICHARD BORGGREN
 MICHAEL JAY BRAND
 ARLENE MARGARET BRATYANSKI
 ROBERT LAWRENCE BROBERG
 GEORGEANN MARIE BULVAN
 LAWRENCE BURR CALDWELL
 EDMUND PETER CARNEY
 MAN MING ROBERT CHEUNG, B.S., Wisconsin State University, 1965
 JAMES FRANK CNOTA
 GAIL ANDREA MEEKER CODY
 WILLIAM CHARLES CODY
 HARVEY GILBERT COHEN, B.S., 1965
 RAMONA MARIA DACZYSHYN
 TERRENCE ARTHUR ECK
 ROBERT RUSSELL ENGELDAHL
 WILLIAM HAROLD FEIGENBAUM
 THOMAS EDWARD FILIPEK
 GERALD HOWARD FOHRMAN
 MICHAEL DAVID FRIEDMAN
 KEITH ALAN GADEE
 MICKEY EUGENE GLASCO
 RICHARD BARRY GOLDIN
 WILLIAM RAY GRAFFIS

RONALD RICHARD GRUDZIEN, B.S., College of St. Thomas, 1965
 GARY ALAN HALUSKA, with High Honors
 ROBERT CARL HEILMAN
 LAWRENCE DAVID HORK
 DENNIS MARVIN JACOBSON, with High Honors
 DONALD EUGENE JARMACZ
 STEPHEN EDWARD JOHNS
 CARY EDWIN JOHNSON, with High Honors
 OLIVER DALE JONES
 JANIS HIROKO KABA
 LARRY GENE KEPLEY
 BRUCE DAVID KIMBLE
 BARBARA SUZANNE JANIK KLICPERA
 JAMES ANTON KLICPERA, with Honors
 ARTHUR BRIAN KOENIGSBERGER
 ORYSIA THERESA KOSSAK
 CRAIG GEORGE KULTZO
 MARTHA ROMANA KULYCKY
 PAUL ANDREW LASKAR, A.B., University of Rochester, 1965
 CONSTANCE MARIE LIPINSKI
 FERNANDO G. LLAGUNO, JR.
 EDMUND MICHAEL LOMASNEY
 HENRI RICHARD MANASSE, JR.
 RONALD EDWARD MARONDE
 GEORGE GILMARY MARONIC
 MARY FRANCES MATHENY

JEFFREY GEORGE MATYAS, B.S., St.
Procopius College, 1964
JOHN MARK MCBRIDE
ADRIENNE LYNN MEINKE
STEPHEN JAY MEYEROVITZ
CARMELITA MARIE SCAFURI MOCZYNSKI
CHARLES DAVID NESS
NEAL OLIFF
RICHARD DEAN OLUF, with Honors
CHARLES GREENLEE OWENS
JOHN JEROME PECENIAK
JANET BARBARA PIERCE
ANNA MARIA SMAIZYS PLENYS
NICHOLAS GABRIEL POPOVICH
DUANE PATRICK REIDY, B.S., Loyola
University, 1965
VAIDILUTE MARIJA RUBAS
ROBERT HARRY SCHULTZ
DENNIS SIDNEY SENDER
EDWARD DEWITT SMITH, B.S., Eastern
Illinois University, 1965
WILLIAM EDWARD SNYDER

LAWRENCE SHELDON STERN
LARRY ALLEN STERNSON
MELVIN ARNOLD STEWART
GEORGE WILLIAM STREIN, JR.
JOSEPH ANTHONY SULA
JERARD MITCHELL SUTTIN
GLENN ROBERT VANN
SCOTT BURTON VAN VLYMEN
CHARLES RAYMOND VISOCKIS
RICHARD CHARLES VISONA
MARVIN MAX WEINSTEIN
RICHARD CASIMIR WERICH
LEE ELLEN LARSON WEST
LESLIE HOWARD WILES, A.B., Cornell
College, 1964
DAVID DANIEL WILLIAMS
ROBERT MARVIN WISHNER
FRED MICHAEL WLODARSKI, with High
Honors
JOANNE WOOD
STUART JIRACEK ZIMMERMAN
MICHAEL JAY ZUCKER

URBANA-CHAMPAIGN

Degrees Conferred June 15, 1968

HONORARY DEGREES

Degree of Doctor of Music

GUNTHER SCHULLER

Degree of Doctor of Science

MURRAY GELL-MANN, Ph.D.
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GRADUATE COLLEGE

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In Accountancy

YUKIO FUJITA, B.A.Com., M.Com.Sc., Waseda University, 1957, 1959
MOHAMED SABRY MOHAMED EL-TAYIB HEAKAL, B.Com.(Hons.), Cairo University,
1960; M.S., 1965
BARRY EMMETT HICKS, B.Com., University of Toronto, 1956; M.B.A., McMaster
University, 1966
PIANCHAI NINSUVANNAKUL, B.Sc.Com., B.Sc.B.A., B.Soc.Adm., Thammasat Uni-
versity (Thailand), 1959, 1959, 1960; M.A.S., 1966
KARL FREDERICK SKOUSEN, B.S., Brigham Young University, 1965; M.A.S., 1966

In Aeronautical and Astronautical Engineering

ALLISTER FRANCIS FRASER, Sc.B., Sc.M., Brown University, 1954, 1962
ROBERT HAUSCHILD LIEBECK, B.S., M.S., 1961, 1962

In Agricultural Economics

GORDON EDWIN RODEWALD, JR., B.S.Ag., M.S.Ag.Ec., Montana State College, 1959,
1960
MANU SEETISARN, B.Soc.Adm., University of Thammasat, 1956; B.S., Kasetsart
University, 1956; M.S., Oregon State University, 1962
VIDYA VINOD SHARMA, B.S., Uttar Pradesh Agricultural University, 1963; M.S.,
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JOSEPH MICHEL VANDEPUTTE, Ingr. Agronome, Catholic University of Louvain
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In Agronomy

DALE RAY HICKS, B.S., M.S., 1960, 1966

JAGDISH PRASAD SHRIVASTAVA, Assoc.Dipl., Indian Agricultural Research Institute, 1950

LUDWIK SPISS, Dipl., Mgr Agrotech., Wyższa Szkoła Rolnicza w Krakowie, 1956, 1957

ROBERT LEWIS WARNER, B.S., M.S., University of Minnesota, 1962, 1964

In Animal Science

MOHAMED HILMY MOSELHY SALEM, B.S., Ein Shams University, 1958; M.S., University of Wisconsin, 1962

GERALD THOMAS SCHELLING, B.S., M.S., 1963, 1964

RICHARD JAMES VATTHAUER, B.S., M.S., 1960, 1962

In Anthropology

MURIEL KAMINSKY CRESPI, B.A., Brooklyn College, 1959; M.A., Columbia University, 1962

JUDITH ANN NAGATA, B.A.(Hons.), University College London, 1961; A.M., 1963

JOSEPH WALTER WHITECOTTON, A.B., University of Miami, 1959

PHILIP DONALD YOUNG, A.B., 1961

In Astronomy

LEO VERN STANDEFORD, B.S., M.S., Indiana State Teachers College, 1958, 1959; M.S., 1964

In Biology

PATRICIA GILLAM CALARCO, B.S., George Washington University, 1961; M.S., 1965

In Biophysics

HARRY FRED DOWNEY, B.S., M.S., University of Maryland, 1961, 1964

JAMES MARTIN REDENBO, B.S., M.S., University of Toledo, 1960, 1964

JUDITH ANN OLDHAM WILLIAMS, A.B., Indiana University, 1961; M.S., Purdue University, 1964

In Business

HEM CHAND JAIN, B.A., LL.B., University of Delhi, 1948, 1952; M.S., 1958

HERBERT LEON ROSS, B.S.Ed., Western Illinois University, 1951; M.A.Ed., Washington University, 1958

MELVIN JOSEPH STANFORD, B.S., Utah State University, 1957; M.B.A., Harvard University, 1963

JOHN RAYMOND SWANDA, JR., B.S., Midland College, 1959; M.A., University of Nebraska, 1963

In Ceramic Engineering

PETER DEAN SHALEK, B.S., 1954

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In Chemical Engineering

RONALD BRADLEY ROOT, B.S., Clarkson College of Technology, 1964; M.S., 1966

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In Chemistry

BOBBYE KAYE WHITENTON BAYLIS, B.S., Duke University, 1961; M.S., 1963

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CAROL CLEM CUNNINGHAM, B.S., M.S., Oklahoma State University, 1961, 1963

DONALD JUDE DARENSBOURG, B.S., California State College at Los Angeles, 1964

MARTIN BENJAMIN DINES, B.S., Carnegie Institute of Technology, 1964

TROYL DAVID EPLEY, B.S., University of North Carolina, 1962; M.S., 1965

ERNEST STANLEY GORE, B.Sc., University of Toronto, 1964; M.S., 1966

JOHN ROBERT HANSEN, B.A., University of Oregon, 1963

ZENOWIE MICHAEL HOLUBEC, A.B., Western Reserve University, 1960; M.S., John Carroll University, 1964

SANDRA ANN SHEPHERD, B.S., Purdue University, 1963; M.S., 1965

DAVID LLOYD VANDER HART, A.B., Calvin College, 1963

In Civil Engineering

- ALEX CARDENAS ENRIQUEZ, B.C.E., Universidad Nacional de Ingenieria (Peru), 1963; M.S., 1965
ROBERT LEON CARTER, B.S., University of Nebraska, 1963; M.S., 1964
BRUCE MITCHELL COWAN, B.S., United States Military Academy, 1961; M.S., 1964
JAMES PAUL FEDORKIW, B.A.Sc., University of Toronto, 1963; M.S., 1964
MOHAMED KAMEL GAMAL EL-DIN, B.C.E., Cairo University, 1959; M.S., 1963
MOHAMED FAYIK ABD EL-RAZZAK HOWEEDY, B.C.E., Cairo University, 1959; M.S., 1964
ROBERT MARTIN ITEN, B.S.C.E., M.S.C.E., University of Washington, 1952, 1961
JOHN PHILLIP LLOYD, B.S., M.S., 1964, 1965
JAMES DANIEL PRENDERGAST, B.S., Iowa State University of Science and Technology, 1963; M.S., 1965
RAMACHANDRA ADISESHAPPA RAO, B.E., Mysore University, 1960; M.S.C.E., University of Minnesota, 1964
PAUL LEWIS ROHMALLER, B.S., University of Missouri (Rolla), 1963; M.S., 1965
AHMED HAMDY MOHAMED SAMEH, B.Sc.C.E., Alexandria University, 1961; M.S.C.E., Georgia Institute of Technology, 1964

In Communications

- JACK CRITTENDEN EVERLY, B.S., University of Missouri, 1950; M.S., 1961
GERTRUDE JOCH ROBINSON, B.A., Swarthmore College, 1950; A.M., University of Chicago, 1952
LOWELL SPERRY SAUNDERS, A.B., Wheaton College, 1955; B.D., Northern Baptist Theological Seminary, 1959
WALTER JULIUS UTZ, JR., A.B., St. Ambrose College, 1962; B.S., M.S., 1963, 1965
WILLIS LESLIE WINTER, JR., B.S., University of California, 1950; M.S., University of Oregon, 1958

In Computer Science

- FONTAINE KELLEAM RICHARDSON, B.S., M.S., University of Arkansas, 1963, 1964

In Dairy Science

- JOSEPH PAUL HEGMANN, B.S., M.S., 1962, 1966
RAYMOND GLEN PETERSON, B.S., University of Wyoming, 1962; M.S., 1965

In Economics

- HENRY JAMES CASSIDY, B.S., Carroll College, 1965; A.M., 1966
GEORGE DENNIS CRAIG, A.B., Wheaton College, 1960; M.S., 1962
STEPHEN MALCOLM GILLIS, B.A., M.A., University of Florida, 1962, 1963
NEIL BOYD MURPHY, B.S., M.S., Bucknell University, 1960, 1961
JOHN ALBERT NAYLOR, A.B., Carthage College, 1963; A.M., 1965

In Education

- JOHN RICHARD DENNIS, B.S., Wittenberg College, 1958; M.S., 1960
HARVEY LYNN ELDER, B.A., M.A.Ed., Murray State College, 1955, 1957; A.M., 1961
THOMAS JAMES KAMPWIRTH, B.S., 1958; M.A., DePaul University, 1963
LOIS MARIE LACKNER, B.S., M.S., 1957, 1958
KENNALEE OGDEN LAFRANCE, B.A., College of Wooster, 1961; M.A., University of Minnesota, 1963
WILLIAM EARL MAYBERRY, A.B., Washington University, 1959; M.S., Southern Illinois University, 1963
JOHN WILLIAM McLURE, B.S., University of Alabama, 1956; A.M., 1962
SUSAN KLEIN SHUSTER, B.A., University of Rochester, 1962; M.Ed., Boston University, 1964
SISTER LOIS MARIE VANDERBEKE, A.B., Dominican College, 1960; M.S., Marquette University, 1962
JOSEPH WILLIAM THOMSON, B.A., Trenton State College, 1961; A.M., 1966

In Electrical Engineering

- EDWARD STEINBERG DAVIDSON, A.B., Harvard College, 1961; M.S., University of Michigan, 1962
MILO REED JOHNSON, B.S., M.S., 1964, 1965

DONALD HARRY KELLY, B.Sc., M.Sc., University of Alberta, 1954, 1956
TUH KAI KOO, B.S., National Taiwan University, 1960; M.S., University of Missouri, 1963
CHI-SHENG LIU, B.S.Eng., National Taiwan University, 1957; M.S.E.E., West Virginia University, 1962
STEPHEN JOHN NUSPL, B.A.Sc., Assumption University of Windsor, 1963; M.S., 1964
PEDDAPULLAIAH SANNUTI, M.Tech., Indian Institute of Technology, 1965
ROBERT GERALD STEFANEK, B.S.E.E., M.S.E.E., Wayne State University, 1963, 1965

In English

FRANK EDWARD LA ROSA, A.B., A.M., University of Miami, 1961, 1963
BERNARD ROSENTHAL, B.S.Ed., Pennsylvania State College (Millersville), 1955; A.M., Seton Hall University, 1964
MARY ELIZABETH RUCKER, B.A., South Carolina State College, 1958; M.A., Atlanta University, 1959
MARY ELIZABETH MERRILL WIGHT, B.A., Principia College, 1950; M.A., University of North Carolina, 1956; A.M., 1961

In Entomology

ROGER FRANKLIN FLATTUM, B.A., Winona State College, 1963
WILLIAM JUNIOR PATTERSON, B.S., Kansas State University, 1949; M.P.H., Tulane University, 1958
JOHN DARWIN PINTO, A.B., Humbolt State College, 1963
MARIA CONSOLACION ROSALES RONQUILLO, B.S., University of the Philippines, 1950; M.S., 1966

In Finance

ROBERT ARTHUR HAUGEN, B.S., M.S., 1965, 1966

In Food Science

LESLIE BLUHM, B.S., University of Massachusetts, 1963; M.S., 1967
JIH HSIN YANG, B.S., M.S., 1963, 1966

In French

DAVID JACK KLEIN, B.A., Brooklyn College, 1958; M.A., Florida State University, 1960
AGNES RUTH PORTER, B.A., Marshall University, 1954; M.A., Western Reserve University, 1958
TIMOTHY JAMES REISS, B.A., Manchester University, 1964; A.M., 1965

In Geology

RICHARD FLOYD COON, B.S., M.S., Syracuse University, 1958, 1960
ANDREW HUTCHEON MERRITT, A.B., Earlham College, 1962; M.S., 1965
GEORGE FRANCIS PINDER, B.Sc., University of Western Ontario, 1965
PAUL LLOYD PLUSQUELLEC, B.A., College of Wooster, 1963; M.S., 1966

In History

CARROLL FRANCIS VAN DEVENTER, B.S., A.M., 1938, 1942

In Home Economics

YVONNE FLYNN BURGHEIMER, B.A., M.A., University of Toronto, 1955, 1958

In Linguistics

CARL LEROY BAKER, A.B., Harvard College, 1961; A.M., 1966
CHIN-CHUAN CHENG, B.A., M.A., National Taiwan University, 1959, 1961

In Marketing

RICHARD DALE VONRIESEN, B.B.A., Washburn University of Topeka, 1960; M.S., 1962
NOEL BIRELY ZABRISKIE, B.S., M.S., 1959, 1962

In Mathematics

JOHN GRANT BERGMAN, B.S., M.S., 1962, 1964

- JOSEPH WARREN CORBETT, A.B., M.S., 1955, 1959
PETER ROBIN HALL, B.Sc., B.Sc.(Hons.), M.Sc., University of South Africa, 1961, 1963, 1964
THOMAS JOHN KEARNS, B.S., University of Santa Clara, 1962; M.S., 1964
GLEN DALE MEEDEN, A.B., Eastern Baptist College, 1962; A.M., 1964
KENNETH BROOKS REID, JR., B.A., University of California, 1964; A.M., 1966
CHARLES EMERY ROBERTS, JR., B.S., Indiana State College, 1964; M.S., 1965
RALPH EDWIN SHOWALTER, B.S.A.M., M.A.M., University of North Carolina, 1964, 1965
ROBERT GEORGE STAUDTE, JR., A.B., Sc.B., Brown University, 1963, 1963; M.S., 1964
WILLIAM RICHARD TROTT, B.A., M.A., University of Mississippi, 1952, 1953

In Mechanical Engineering

- EUGENE FRANCIS BROWN, B.S., University of Wisconsin, 1963; M.S., 1964
RABEJ JABER EL-ASSAR, B.M.E., Cairo University, 1960; M.S.M.E., Bucknell University, 1964
FLOYD CORLISS HAYES, B.S., M.S., 1962, 1963
ALAN OTTO LEBECK, B.S., M.S., 1964, 1965
WILLIAM LAWRENCE WINTERBAUER, JR., B.S.M.E., Bradley University, 1957; M.S., 1962

In Metallurgical Engineering

- CHARLES CURTIS DOLLINS, B.S., M.S., 1964, 1965
WEI TONG SHIEH, Grad., Taiwan Provincial Taipei Institute of Technology, 1955; B.A.Sc., University of Toronto, 1961; M.S., 1963

In Mining Engineering

- HANS PULPAN, Dipl.Ingr., Montanistische Hochschule Leoben, 1961; M.S., 1964

In Musicology

- ROBERT JOSEPH SNOW, B.Mus., M.A., Indiana University, 1949, 1956

In Nuclear Engineering

- EDWARD MICHAEL BOHN, B.S., M.S., 1963, 1965
PRATAP KILACHAND DOSHI, B.S., University of Rangoon, 1961; M.S., 1963
JOSEPH EDWARD HERCEG, A.B., Washington and Jefferson College, 1963; M.S., 1964
HAROLD ALBERT KURSTEDT, JR., B.S., Virginia Military Institute, 1961; M.S., 1963
GENN SAJI, B.S., Yokohama National University, 1961; M.S., 1964
WILLIAM EDWARD VESELY, JR., B.S., Case Institute of Technology, 1964; M.S., 1966

In Philosophy

- RICHARD LEE CORLISS, A.B., Taylor University, 1954; B.D., Northern Baptist Theological Seminary, 1957; A.M., 1959

In Physical Education

- MICHAEL JOHN ELLIS, Dipl., Loughborough Training College, 1959; M.S., 1965
JOSEPH FERNAND LANDRY, B.A., Laval University (Canada), 1952; B.Sc., University of Ottawa (Canada), 1954; M.S., 1955
WILLIAM JOHN PENNY, B.S., Brooklyn College, 1961; M.S., 1962
ARNOLD ALLAN SHUSTER, B.A., B.Com., Sir George Williams University, 1954, 1955; M.S., Indiana University, 1966
MARY HOKE SLAUGHTER, B.S., University of North Carolina, 1956; M.S., 1959

In Physics

- THOMAS LYNCH BOHAN, B.S., University of Chicago, 1960; M.S., 1964
JAMES ALAN BORDERS, B.A., Reed College, 1963; M.S., 1965
JON ROSS CARLSON, B.S., Montana State College, 1962; M.S., 1964
DONALD FRANK GREYER, B.A., Miami University, 1962; M.S., 1964
JON THOMAS HOLDER, B.S., Lamar State College of Technology, 1962; M.S., 1964
LAWRENCE GRAY KING, A.B., Harvard College, 1964; M.S., 1965
ALFRED ADAM KUGLER, B.Sc., McMaster University, 1962; M.S., 1963
JAMES STAVERT LOOS, B.S., University of North Dakota, 1962; M.S., 1963

RAM KISHORE SHARMA, M.Sc.(Hons.), Panjab University, 1960; M.S., Harvard University, 1965

VICTOR G. STOTLAND, B.S., Illinois Institute of Technology, 1962; M.S., 1963

JACK BERNARD SWIFT, B.S., University of Arkansas, 1963; M.S., 1965

ROY CANNON THATCHER, B.S., Stanford University, 1961; M.S., 1963

CURTIS ARTHUR WAGNER, B.A., University of Wisconsin, 1960; M.S., 1961

In Political Science

JOHN GABRIEL FRASER, A.B., A.M., 1963, 1965

MAX GARRETT MANWARING, B.S.(Econ.), B.S.(Pol.Sc.), University of Utah, 1959, 1959; A.M., 1963

In Psychology

RUDOLF GUSTAV BREITMEYER, B.A., Lewis College, 1963

PRISCILLA ANN CAMPBELL, B.A., Stetson University, 1963

MARILYN GOLES HUNTER, A.B., A.M., 1961, 1964

HARRY GEORGE MURRAY, B.A., M.A., University of Western Ontario, 1961, 1963

VICTORIA RUX SEITZ, B.A., M.A., University of Denver, 1962, 1963

TERRY JACK SPENCER, B.S., Michigan State University, 1963; M.A., University of Toledo, 1965

In Russian

BORYS BILOKUR, A.B., Temple University, 1959; A.M., 1961

In Sanitary Engineering

MACKENZIE LEO DAVIS, B.S., M.S., 1964, 1965

ROGER MILES JORDEN, B.S., University of Texas, 1959; M.S., University of Arizona, 1962

VEERASAMY KOTHANDARAMAN, B.E., University of Madras, 1954; M.S., 1965

In Spanish

DIANE SOLOMON BIRKEMOE, B.A., M.A., University of Toronto, 1963, 1964

SANDRA MESSINGER CYPESS, B.A., Brooklyn College, 1963; M.A., Cornell University, 1965

ARNOLD MCCOY PENUEL, B.A., University of Tennessee, 1958; M.A., University of the Americas, 1963

In Speech

RICHARD LEE BENSON, B.A., University of California at Los Angeles, 1958; A.M., 1962

LOUIS WESTON COCKERHAM, B.S., M.S., University of Oregon, 1958, 1960

In Theoretical and Applied Mechanics

PATRICK LARY CORBIN, B.A., Loras College, 1962; B.S.M.E., University of Iowa, 1962; M.S., Virginia Polytechnic Institute, 1965

HARVEY REED FRASER, JR., B.S., United States Military Academy, 1964; M.S., 1965

PAUL ANDERSON LILIENTHAL, B.S., Worcester Polytechnic Institute, 1964; M.S., 1967

HENRY JOSEPH PETROSKI, B.M.E., Manhattan College, 1963; M.S., 1964

JOHN LEONARD SCHLAFFER, B.S.(Agr.), B.S.(Agr.E.), M.S., 1963, 1963, 1965

FRANK ROBERT VIGNERON, B.E., M.Sc., University of Saskatchewan, 1962, 1964

In Veterinary Medical Science

MARVIN THEODORE CASE, B.S., D.V.M., M.S., 1957, 1959, 1964

JAMES DONALD CONROY, D.V.M., Ohio State University, 1960

CHARLES ROBERT ROSSI, B.S., D.V.M., 1954, 1956; M.S., Ohio State University, 1964

PAUL LUTHER TAYLOR, B.S., Kentucky State College, 1949; D.V.M., Tuskegee Institute, 1955; M.S., 1966

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In Zoology

RICHARD DAVID KREUTZER, B.S., M.S., 1963, 1965

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NORMAN CHARLES ASHCRAFT, B.S., Ed.M., 1958, 1958
 THOMAS LEO MCGREAL, B.S.Ed., M.S.Ed., Southern Illinois University, 1961, 1962
 BARBARA WALKER MORGAN, A.B., M.Ed., University of South Carolina, 1947, 1959
 WILBER DEAN SIMMONS, B.S., M.S., 1949, 1951; M.A., Bradley University, 1964

In Music Education

JOE NORMAN PRINCE, B.M.E., B.M., Murray State University, 1959, 1960; M.S., 1964
 MARVIN JACK RABIN, A.B.Ed., University of Kentucky, 1939; M.M., University of Rochester, 1948

Degree of Doctor of Business Administration

KENT BOURDON MONROE, B.A., Kalamazoo College, 1960; M.B.A., Indiana University, 1961

Degree of Doctor of Musical Arts

BARBARA ALLEN CROCKETT, B.A., M.A., Brigham Young University, 1959, 1961

Degree of Master of Arts*In Anthropology*

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In Art Education

NADINE JOY MEYERS, B.A.E., School of the Art Institute of Chicago, 1965
 EMILY JANE STRUGLINSKI, B.F.A., Drake University, 1965

In Comparative Literature

PAULETTE BESSAC, Licence es Lettres, Universite de Toulouse, 1963
 MARIE-ANTOINETTE RIMOND BOJANOWSKI, Licence, University of Paris, 1966
 CHRISTOPHER JOHN KERTESZ, B.A., Hobart College, 1966
 HAI-SOON LEE, B.A., Seoul National University, 1964
 ARLINE ROUSH, B.A., Marshall University, 1967
 VIRGINIA LOUISE WERTS TAYLOR, B.A., DePauw University, 1965

In Dance

RONALD LEE BUNKER, B.A., Kent State University, 1964
 CAROL ELAINE CAPOTOSTO, B.S., New York University, 1966

In Economics

WILLIAM BRUCE GLENNON, A.B., Stanford University, 1962
 REGINA KERNAN STEPHAN, B.S., Johns Hopkins University, 1951
 ALEXANDER ALAN SUNDAY, B.S., West Virginia University, 1965

In Education

RACHEL AJZEN, B.A., Hebrew University, 1967
 STEPHEN FRANCIS FOSTER, B.A., San Francisco State College, 1964
 GARY GRUBER FRITZ, B.A., University of Wisconsin, 1949
 HARLAN NEIL HENSON, A.B., 1966
 SUSAN VENDELBOE LOGAN, B.A., Florida Atlantic University, 1965
 CAROL ANN MARKOVITS, B.A., Thiel College, 1964
 JAMES JAY RUBOVITS, B.A., MacMurray College, 1965
 NITZA YAROM, B.A., Tel-Aviv University, 1966

In English

KATHERINE LUSSKY ADAM, B.A., University of Arkansas, 1956
 LOIS EILEEN EARHART BENSON, A.B., 1966
 KATHRYN LOUISE BOHSTEDT, B.A., Cornell College, 1963
 REBECCA COHENOUR, A.B., MacMurray College, 1967

BARBARA SUE EASTWOOD, B.A., Kentucky Southern College, 1966
 RAYMON STEPHEN FARRAR, B.A., St. Mary's College, 1961
 WARREN BRYAN FUERMANN, B.A., Northwestern University, 1966
 NANCY ANNE HEUSINKVELD, B.S., University of Wisconsin, 1965
 WILLIAM PETER HILEMAN, A.B., Boston University, 1965
 ANDREA FARE JONES, B.A., University of California (Riverside), 1967
 BIRUTE JASAS KRAINAS, A.B., 1966
 LUBOMYRA JOAN KUTKO, A.B., 1965
 PATRICIA HANLON MCHUGH, B.Mus., Briar Cliff College, 1966
 DAVID HARVEY MICKEY, B.A., Kansas State University, 1966
 CAROLYN PLATT NEWMAYER, B.A., Carleton College, 1965
 JANE CHANCE NITZSCHE, B.A., Purdue University, 1967
 JANET DOREEN OLIVER, B.A., Oregon State University, 1967
 WILLIAM DONALD PAYNE, B.A., Kentucky Southern College, 1967
 KATHLEEN ANN QUINN, A.B., Marquette University, 1965
 ROBIN RAE RICE, B.A., University of Houston, 1966
 DANIEL PAUL ROBERTO, JR., B.A., University of Notre Dame, 1966
 GERALDINE LOUISE SESAK, B.A., Seton Hill College, 1967
 JOHN FREDERICK TAYLOR, A.B., 1966
 NANCY JANE VAN METER, B.A., Lawrence College, 1962

In French

BERNICE STENMAN MELVIN, B.A., Western Washington State College, 1966
 LINDA DALE BUTTS MURPHY, B.A., Old Dominion College, 1965
 GILLIAN MARY REED, B.A., University of Cambridge, 1967
 CHRISTINE CLEELAND REITER, B.A., Carleton College, 1966
 TATIANA SUCHOVY, A.B., 1966

In Geography

AUGUST ROBERT DEMMA, B.S.Ed., Illinois Teachers College, Chicago-South, 1966
 TIMOTHY ALBERT LEWIS, A.B., Ohio University, 1966

In German

HAROLD CLARK FELTY, A.B., University of Michigan, 1964
 ROSEMARY BIRKY HOFFMANN, B.A., University of North Carolina (Greensboro), 1965
 JOHN ANDERSON HOWARD, B.A., University of Oregon, 1966
 JUDITH ANN LANGBEHN, A.B., Indiana University, 1965
 EDMUND REMYS, A.B., 1965

In Greek

RONALD EUGENE HEINE, A.B., M.A., Lincoln Bible Institute, 1961, 1963

In History

SHARON ZAYE ALTER, A.B., 1966
 RONALD HERBERT ANDERSON, B.A., Knox College, 1967
 JOHN HERBERT CORDULACK, B.S., Illinois State University, 1966
 DAVID FREDERICK FENSTER, B.A., City College of New York, 1967
 DAVID MASTON GENTRY, A.B., DePauw University, 1963
 GALE I. GRAN, B.S., 1966
 JOANNE MISCIONE HADLOCK, B.A., St. Joseph's College for Women, 1967
 RAYMOND SAMUEL JAMES, A.B., 1967
 ROBERT GEORGE MARTIN, B.S., Southeast Missouri State College, 1967
 JAMES EDWARD MILLER, A.B., Wheeling College, 1967
 BRUCE HENRY OLSEN, A.B., 1964
 FRANCES DALY QUINN, B.S.Ed., Wheelock College, 1952
 NANCY CHARLOTTE ROBERTS, A.B., 1967
 ROBERT LELAND WAGNER, A.B., 1965

In Labor and Industrial Relations

JOHN FREDERICK ALTENBURG, B.S., Wisconsin State University (Stevens Point), 1964
 HENRY QUINN ANDERSON, A.B., Monmouth College, 1966
 GEOFFREY PETER BROWN, A.B., 1966
 JAMES IGNATIUS FOLEY, B.A., University of Notre Dame, 1964

ANNE CAREY GREEN, B.S., LeMoyné College, 1966
 LARRY LEE HEYEN, B.A., Blackburn College, 1966
 JAMES CHARLES HUBBARD, B.A., Lycoming College, 1966
 ROBERT SIMMS KEITEL, B.A., University of Colorado, 1966
 DENNIS WALTER MUEHL, B.S., Wisconsin State University (Stevens Point), 1966
 LAURENCE HARVEY POLSKY, B.A., Miami University, 1965

In Latin

ROSELIND ANNE LINDAU, B.A., Northwestern University, 1967

In Linguistics

RICHARD JOHN JOLLY, A.B., 1967

YOUNG JA YOON, B.A., Ewha Womans University, 1963; M.Ed., University of Delaware, 1966

In Mathematics

R. BRUCE ANDERSON, B.S.Ed., Midland College, 1964
 MARY ELLEN ARNOTT, B.S., Madison College, 1963
 HARDIN NELSON BILLINGSLEY, B.S., Troy State College, 1964
 NOEL RAY BOATZ, B.S., Eastern Illinois University, 1955
 GLORIA CUMAGUN BULAN, B.Sc., University of Santo Tomas, 1956
 LLOYD ELLWOOD CHAMBLESS, B.A., University of Florida, 1964
 ROBERT ARTHUR DILLON, A.B., Wheaton College, 1963
 ELAINE FRANCES DINKLAGE, B.A., Wartburg College, 1964
 LAWRENCE PAUL ENDO, A.B., Cornell University, 1967
 DORIS EVELYN FEHR, B.S., Wisconsin State University (Eau Claire), 1964
 LAURA VACHET FISCHER, B.S., Indiana University, 1964
 ETHEL EILEEN FORSYTHE, B.S., Miami University, 1964
 MADISON HUBERT FRUIT, B.S., Wisconsin State University (Platteville), 1965
 TERENCE PATRICK GARRITY, JR., B.A., Moravian College, 1962
 BEVERLY ANN GULICK, B.A., Millikin University, 1962
 JAMES MURTEN HESS, B.S., Oregon College of Education, 1964
 JOSEPH DONALD HIBBARD, B.A., Blackburn College, 1966
 ROSE MARIE JOHNSON, B.S., Longwood College, 1961; M.Ed., Loyola University, 1966
 KENNETH JEAN KOFTAN, B.S., Kansas State Teachers College, 1963
 THEODORE WALTER KRAMME, B.S., Southern Illinois University, 1963
 DONALD JAMES LOKER, B.S., University of Wisconsin, 1963
 RALPH EUGENE LONG, B.S., Oklahoma State University, 1964
 CHARLES GILBERT LOVE, B.S., Illinois State University, 1961
 FRANK WILFORD MONTGOMERY III, B.A., University of Louisville, 1967
 ROBERT EDWARD O'BRIEN, A.B., 1967
 THOMAS WENDELL OSCOOD, B.A., Michigan State University, 1966
 HUGH FRANCIS OUELLETTE, B.S., Western Montana College, 1964
 MICHAEL ANTHONY PENNA, B.S., Union College, 1967
 THOMAS RAYMOND PEZZULLO, Ed.B., Rhode Island College, 1964
 IVAN LEON REILLY, B.Sc., M.Sc., B.A., University of Wellington, 1963, 1964, 1966
 CHARLES PHILLIP RODRIGUEZ, A.B., Colorado State College, 1963
 SISTER DOROTHY FRANCIS CANTY, B.A., Fontbonne College, 1964
 NORMAN EDWARD SMITH, A.B., University of California, 1963
 PAUL LEON STRONG, B.A., Northwestern University, 1967

In Philosophy

LARRY WEAR COLTER, JR., B.A., M.A., Colorado State University, 1961, 1963

In Political Science

BASHIR AHMAD ATEL, A.B., Kabul University, 1959
 EDWIN GOSTA FALKMAN, A.B., Augustana College (Illinois), 1966
 DENNIS RAY JUDD, B.S., Oregon College of Education, 1965
 RICHARD JAMES LA SUSA, B.S., Southern Illinois University, 1965
 HARLEY JOSEPH MACLEOD, B.A., St. Louis University, 1967
 GARY PATRICK MUREN, B.S., Illinois State University, 1966
 EMILIO ALEJANDRO ORTEGA, A.B., 1967
 GARY MELVIN YOUNG, A.B., 1963

In Portuguese

GEORGE FREEMAN SANBORN, JR., A.B., Boston University, 1967

In Psychology

JUDITH CLARE GOODRICH AYER, B.A., University of California (Los Angeles), 1963
 NANCY MAY KREIDER BARRON, A.B., Drury College, 1960
 ROSALIE HANNAH BERNSTEIN, B.A., City University of New York (Brooklyn), 1966
 THOMAS DONALD BORKOVEC, B.S., Loyola University, 1966
 MAX EDWARD BOWEN, B.S., University of Michigan, 1963
 ANNE VERONICA GORMLY, B.A., Rhode Island College, 1966
 JOHN BERNARD GORMLY, B.A., Rhode Island College, 1966
 RICHARD LIONEL HAGEN, B.Mus., American Conservatory of Music, 1961; A.B., 1964
 EDWIN CHARLES HOLLOWAY, B.A., University of Arizona, 1965
 CHARLES DUANE JOHNSON, B.S., Michigan State University, 1966
 JAMES STUART KNIPE, B.A., Lawrence University, 1966
 SAMUEL EDWARD KRUG, B.A., College of the Holy Cross, 1965
 RUSSELL MUN YU LOO, A.B., Stanford University, 1966
 RICHARD PAUL OLSON, B.A., Carleton College, 1963
 CHARITY NITZ PANKRATZ, B.A., Valparaiso University, 1966
 PAMELA ANITA REAGOR, B.A., Southern Methodist University, 1966
 JOHN LYNN RONSVALL, A.B., Syracuse University, 1960; S.T.B., Fuller Theological Seminary, 1963
 WILLIAM RAY SMITH, A.B., Wheaton College, 1964
 JOHN CHARLES STAPERT, A.B., Hope College, 1963; B.D., Fuller Theological Seminary, 1966
 GROVER JAY WHITEHURST, A.B., East Carolina University, 1966
 KUO-SHU YANG, B.S., National Taiwan University, 1959

In Public Administration

MASARU ISONO, LL.B., University of Tokyo, 1963
 JOHN EDWARD SCHLEMBACH, B.A., Defiance College, 1943; M.A., Roosevelt University, 1964

In Russian

RICHARD LYNN CHAPPLE, B.A., Brigham Young University, 1966
 FRANCES PARTHENA PARDEE, B.S., Iowa State University of Science & Technology, 1966

In Social Science

HELEN BEAM BEREITER, B.S., Kansas State University of Agriculture and Applied Science, 1954
 CHARLES SCOTT MUTTER, B.S., 1966
 BETTY JANE MCCARTY TUFFORD, A.B., Calvin College, 1943

In Sociology

GAIL ANN CRAWFORD, A.B., 1966
 ROGER ALLYN FOX, B.S., 1963
 ALEKSANDRAS KULIKAUSKAS, A.B., 1962
 DONALD ALAN NIELSEN, B.A., State University of New York (Stony Brook), 1965
 EVELYN RUBEN ROSENTHAL, B.A., State University of New York (Albany), 1955
 LAUREN HAROLD SEILER, B.S., University of New Mexico, 1965
 ZOLTAN TAR, A.B., 1965

In Spanish

BRENDA SUE COPLEY, A.B., 1966
 DELANO DEAN KRUZAN, B.S., Western Illinois University, 1960
 DIANE ROSE MAGDICH, A.B., Rutgers, The State University, 1966
 MICHELLE PAULA MARCUS, A.B., 1966
 JACQUELINE LEE ORRANTIA, B.A., Hartwick College, 1966
 RICHARD JOSEPH PAGE, B.A., Villanova University, 1966
 MIRIAM RUTH SIMON, A.B., 1967
 GUILLERMO TREVINO MARTINEZ, Missionariorum a Spiritu Sancto

In Speech

CAROL LOUISE BAUER, B.S., Northwestern University, 1967

DANIEL STARLEY BEASLEY, B.A., B.A., University of Akron, 1966, 1966
 JAMES WILBUR CROCKER, B.S., University of Cincinnati, 1965
 VERNE EARL CRONEN, A.B., Ripon College, 1963
 MARY ANN JONES, B.F.A., Illinois Wesleyan University, 1963
 KENNETH WARREN LILLQUIST, B.F.A., 1962; M.F.A., 1964
 CAROL REYNOLDS LOIS, A.B., 1966
 JUDITH ANN RIEDER, A.B., 1967
 NANCY JUDINE ROBEY, B.S., 1967
 SHARON TERRY WAXMAN STEIGMANN, A.B., 1966
 GEORGE MICHAEL WEBSTER, A.B., Indiana State University, 1965

In the Teaching of English as a Second Language

RUTH EILEEN BAUMEISTER BARTHEL, B.A., Dickinson College, 1954; M.R.E., Boston University School of Theology, 1956
 DORIS SUSAN HAMMERSCHLAG, B.S., State University of New York (Cortland), 1964
 MARY LEE NARANG, A.B., 1967
 MARY KATHLEEN SHERIDAN, A.B., 1965

In the Teaching of French

VINCENT RICHARD FALARDEAU, A.B., 1967
 DONNA LOIS PETERSON, A.B., Wheaton College, 1960
 CAROL SANFORD SCHUIT, A.B., Wheaton College, 1964
 BEVILLE GEYER VERTUNO, B.S., 1961

In the Teaching of German

EVELYN MARGARET GETZ, A.B., 1963

In the Teaching of Social Studies

JUDITH EDYTHE BEHRENDT, B.S., University of Minnesota, 1964
 DIANELLA WILLIAMS CRUDUP, B.A., Tougaloo Southern Christian College, 1965
 RONALD CLAUDE LOWERY, A.B., Knox College, 1957
 JILL HORN MARSHALL, A.B., 1967
 JOHN DAVID PAULSGROVE, A.B., 1967
 JANET MILLAR ROWLAND, A.B., Florida State University, 1950
 DAVID HARRIS SMITH, JR., A.B., 1966
 JOEL BENJAMIN STELLWAGEN, A.B., 1967

In the Teaching of Spanish

ARNOLD BERNARD LEVINE, A.B., 1967

Degree of Master of Science

In Accountancy

DAVID LESLIE MISENER, B.Com., Acadia University, 1961; B.Ed., Dalhousie University, 1962

In Advertising

THOMAS ROY BEUG, A.B., Knox College, 1966
 MARGARET MARIE PORTA, B.S., 1967
 STEPHEN GENE RILEY, B.A., Illinois Wesleyan University, 1966
 STEVEN HARVEY ZIPKOFF, B.S., 1967

In Aeronautical and Astronautical Engineering

LARRY JAMES HOWELL, B.S., 1966
 ANDREW KLAVINS, B.S., 1963
 KENNETH ROBERT MAXWELL, B.S., 1966
 ROBERT WAYNE POTILLO, B.S., 1966
 RONALD RAYMOND TIMPSON, B.S., 1967
 RIMAS VAICAITIS, B.S., 1967

In Agricultural Economics

JASWANT RAI JINDIA, B.A., M.A., Panjab University, 1950, 1960
 TECK CHIN KWON, B.S., Kyungpook University, 1954

WILLITT SILVESTER PIERCE, B.S., Ed.M., 1956, 1959
RONALD CHARLES ROBERTS, B.S., 1966

In Agricultural Education

LYNN IRVIN GOSNELL, B.S., 1963

In Agricultural Engineering

ROBERT DAVID CARLSON, B.S., 1967
ROBERT BRUCE JOHNSON, B.S., 1966
THOMAS DWIGHT LANGSTON, B.S.Ag.Engr., Purdue University, 1966
WAYNE ALLAN PETERSON, B.S., 1966

In Agronomy

DOUGLAS LEON GARWOOD, B.S., 1966
JOHN HOWARD PEVERLY, B.S.A., Purdue University, 1966

In Animal Science

JUSTIN CHARLES ARINZE, B.Sc.(Agr.), University of Ibadan, 1965
JOHN BERNARD BLESSENT, B.S., Illinois State University, 1965
LEO DALE FERRELL, B.S., 1966
HARRY CAMERON MINOR, B.S., University of California (Davis), 1962
ALBERT PAUL PETER, B.S., 1965
CHARLES EARL SASSE, B.S., 1967
JOHN WILLIAM SHARP, B.S., University of Idaho, 1966

In Architectural Engineering

THOMAS DOW CRAWFORD, B.Arch., 1966
KURT DENNIS GUSTAFSON, B.Arch., 1966
GERALD LELAND GUY, B.Arch., 1967
GEORGE KNIGHTON MCGEE, B.Arch., 1966
SALVATORE DANIEL PECORA, B.Arch., 1966

In Astronomy

EUGENE LEE SILLIMAN, B.S., 1967

In Biology

JAMES HOWARD ANDERSON, B.A., Illinois Wesleyan University, 1966
BARBARA LYNN PFLAUM, B.S., Western Illinois University, 1964
ROBERT EUGENE STERRETT, JR., B.S., 1966
B. RUTH JAMES ST. JOHN, B.Sc., University of Toronto, 1965

In Botany

BARBARA CHEN-LING BOWEN, B.S., University of Michigan, 1966
JUDITH FAE BREWSTER, B.A., Northland College, 1965
GERARD MICHAEL COURTIN, B.Sc., University of New Brunswick, 1962
DAVID LAVONNE REGEHR, B.S., Bethel College, 1964

In Ceramic Engineering

SURESH KUMAR KHANDLWAL, B.E., Banaras Hindu University, 1966
DANIEL THOMAS KRIZIC, B.S., 1967
NORMAN FRED ROSEN, B.S., Alfred University, 1964

In Chemical Engineering

PARSEG BILIR, B.S., Robert College, 1966
ROBERT CARL BUCHANAN, B.S., Carnegie Institute of Technology, 1966
YOUNG YUEL KIM, B.Sc.Eng., Seoul National University, 1964
GEORGE JOSEPH KLEIN, B.Ch.E., Villanova University, 1966
JOSE EVARISTO LLANA, B.A., St. Ambrose College, 1966
MASAYOSHI MIYA, B.S.Eng., Kyoto University, 1966
FREDERICK CARSON STONE, B.S.Chem.E., Carnegie Institute of Technology, 1966
JOHN WILLIAM WALTZ, B.S., West Virginia Institute of Technology, 1966

In Chemistry

ROBERT ERNEST BOHN, B.S., Eureka College, 1966

CAROL MARIE CONNER, B.S., Michigan State University, 1967
 GEORGE JOSEPH CULLINAN, A.B., Knox College, 1966
 MARGARET CHI-MAY FONG, B.A., Winthrop College, 1966
 BIMAL NARESH GANGULI, B.Sc., M.Sc., University of Poona, 1955, 1964
 ROBERT CLIFFORD GRANDEY, B.S., Indiana State College, 1965
 LUCILLE KATHRYN HALL, B.A., Houghton College, 1966
 KUANG-PANG LI, B.S., M.S., National Taiwan University, 1961, 1963
 CLARO TORRES LLAGUNO, B.Sc., Ateneo de Manila University, 1966
 MARILYN ANN LLOYD, B.A., Russell Sage College, 1964
 MELVIN NICHOLAS MEMERING, A.B., Villa Madonna College, 1966
 CHARLES ROBERT PAYET, B.S., University of North Carolina (Chapel Hill), 1966
 GEORGE EARL PEACE, B.S., LaFayette College, 1966
 SHERRY IRENE FREAM QUEENER, B.S., Oklahoma Baptist University, 1965
 STEPHEN WYATT QUEENER, B.A., Wabash College, 1965

In Civil Engineering

JAMES JOSEPH ADRIAN, B.S., 1967
 BYRON LEE BAXTER, B.S., 1967
 ROLF ERLINGSSON BERNER, B.S., University of Pittsburgh, 1967
 FREDERIC BRUCE CLARIDGE, B.A.Sc., University of Toronto, 1965
 DABNEY SCOTT CRADDOCK III, B.S., North Carolina State University (Raleigh), 1964
 WILLIAM NELS EKSTRAND, B.C.E., Marquette University, 1962
 ANTHONY EMIL FIORATO, B.S., Drexel Institute of Technology, 1966
 CHARLES EDWARD GARDNER, B.S., United States Naval Academy, 1961
 THENGUNGAL VERGESE GEORGE, B.S., University of Kerala, 1963
 HERSHELL GILL, Jr., B.S., 1967
 HAROLD LEWIS GOTSCHALL, B.S., 1967
 DUANE ALAN HAINES, B.S., 1967
 VASANT KUMAR HARIANI, B.Tech., Indian Institute of Technology (Bombay), 1966
 MALIK AYAZ HUSSAIN, B.S., B.E., Osmania University, 1957, 1966
 SURENDRA KUMAR KHOKHA, B.Eng., University of Rourkee, 1966
 OWEN MAJOR KIRKLEY, B.S., United States Naval Academy, 1958; B.C.E., Rensselaer Polytechnic Institute, 1960
 MICHAEL PAUL MATSUMOTO, B.S.C.E., University of Hawaii, 1967
 VICTOR WILLIAM O'DELL, Jr., B.S., University of Washington, 1966
 SATINDER PAL SINGH PURI, B.Sc.Eng., Panjab University, 1964
 WILLIAM ALLAN RADZEVICH, B.S., 1966
 GORDON EDWARD SERNEL, B.S., 1967
 KNUT SVERRE SKATTUM, B.S., University of Colorado, 1967
 STANLEY STANLEY STANLEY, B.S., 1967
 HARLAN DALE STAUFFER, B.S., Kansas State University, 1966
 CHARLES JOHN TRENKLE, B.S., Pennsylvania State University, 1966
 FERNANDO VILLALTA FLOREZ, Ing.Civ., Universidad Nacional de Colombia, 1963
 WILLIAM KANE VIZZA, B.S., United States Naval Academy, 1965
 ROGER WAYNE WRIGHT, B.S., 1967

In Computer Science

CHIN-KUEI WEN, B.S., Taiwan Provincial Cheng Kung University, 1962; M.S., National Tsing Hua University, 1964

In Dairy Science

DAVID MICHAEL DENLINGER, B.Sc., Ohio State University, 1965
 WARREN EARL McREYNOLDS, B.S., 1966
 OM PRAKASH SHARMA, B.V.Sc. & A.H., M.V.Sc., Uttar Pradesh Agricultural University, 1965, 1967

In Economics

MARWAN MUKHTAR GHANDOUR, B.A., Long Island University, 1965

In Education

BRUCE ALBERT RUSK, B.A., M.A., University of Toronto, 1961, 1962

In Electrical Engineering

BRIJ MOHAN ARORA, B.Tech.(Hons.), Indian Institute of Technology (Kharagpur), 1965

ARTHUR MICHAEL BECKER, B.S., 1967
 JACK VALENTINE CEFERIN, B.S., 1967
 HARVEY ALLEN FINKELSTEIN, B.S., University of Pennsylvania, 1966
 RAYMOND MORRIS FISH, B.S., 1966
 MARK RICHARD GARDNER, B.S., San Fernando Valley State College, 1966
 JOHN EVON GREEN, B.S., 1967
 WILLIAM HABICHT II, B.E.E., University of Delaware, 1966
 TERRY NORMAN HOLDT, B.S., 1967
 RICHARD DEAN ISENHART, B.S., 1967
 CHUN-HING LEUNG, B.S., 1966
 EUGENE MARTIN MORIARTY, B.S., 1966
 WILLIAM DANIEL O'BRIEN, JR., B.S., 1966
 WILLIAM DOOLEY PETTY, B.S., United States Military Academy, 1962
 RALPH FREDERICK RAU, JR., B.S., 1967
 JOHN REJERIS, B.S., 1967
 ROBERT GENE RUSHING, B.S., Arizona State University, 1967
 GARY HOWARD SCHENNUM, B.S., 1967
 HOWARD STEPHEN SCHWEITZER, B.E., Cooper Union, 1966
 DANIEL JOHN SENESE, B.S., 1967
 ARTHUR SIMONS, B.S.E.E., University of Pennsylvania, 1966
 GURDIAL SINGH, B.Tech., Indian Institute of Technology (Kharagpur), 1966
 LAWRENCE HENRY WALLMAN, B.S., 1966
 ERIC KELLER WALTON, B.E.E., University of Delaware, 1966
 GEORGE DONALD WOOD, B.S., 1955
 HARVEY BURL WRIGHT, B.S., 1966
 RICHARD ALAN YACKEL, B.S., 1967
 DENNIS ROLAND ZANDER, B.S., Miami University, 1965

In Finance

EDWARD JOSEPH FARRAGHER, B.S., University of Detroit, 1966
 TERENCE PETER GARVEY, B.S., DePaul University, 1967
 JAMES RICHARD GHOLSON, A.B., 1967
 LEROY CHARLES GUST, A.B., 1965
 EDWIN ALFRED SCHARLAU II, B.S., 1966

In Geography

STANLEY BACON, JR., B.S., United States Military Academy, 1958
 WILLIAM GERON HANNE, B.S., United States Military Academy, 1960
 GLEN ALLYN MAROTZ, B.S., Wisconsin State University (Whitewater), 1967
 CHARLES BERTODY STONE IV, B.S., United States Military Academy, 1957
 JAMES EDWARD WALSH, JR., B.S., United States Military Academy, 1959

In Geology

LELAND FREDERICK KENNY, B.S., University of Wisconsin, 1963

In Home Economics

KATHERINE MOCHEL BANNER, B.S., Purdue University, 1966
 BETTY GAIL COOPER, B.S., University of Tennessee, 1967
 SUE ANN RAMSAY CRULL, B.S., 1963
 LOIS THOLE FELDMAN, B.S., 1966
 SUE LIVINGSTON OWEN, B.S., University of Rhode Island, 1961

In Horticulture

WILLIAM MAURICE BLAINE, B.S., 1966

In Industrial Engineering

PAUL KENNETH LINDON, B.A., Miami University, 1966
 ARNE THESEN, B.S., 1965

In Journalism

HOWARD LEONARD PORTER, A.B., Monmouth College, 1967
 PAUL WILLIAM REXROAT, A.B., 1965
 GARY ALAN REYNOLDS, B.S., 1966

In Library Science

- JULIE ALICE ANDERSON, A.B., 1967
 REBECCA RUTH ANDERSON, B.A., Texas Technological College, 1967
 BROOKE BOWEN ANSON, A.B., Nebraska Wesleyan University, 1959
 ARLITA WARRICK AUSTIN, B.S., Illinois State University, 1965
 RICHARD ALAN BINDER, B.A., Knox College, 1967
 WILLIAM OTIS BREEDLOVE II, B.A., Butler University, 1963
 KAREN COX BROOKS, B.S., Eastern Illinois University, 1967
 LINDA MARIE BRUNS, B.A., Southern Illinois University, 1967
 BILLIE CLYDE CLARK, B.S., West Virginia State College, 1967
 LIBBIE THELMA CROWL, B.S., Indiana State University, 1945
 SANDRA KISALA DEBENEDETTI, A.B., 1964
 MARJORIE PRIESTLEY DUGGAN, A.B., George Pepperdine College, 1946
 HELEN RUTH EGGER, B.A., Texas Woman's University, 1967
 SANDRA MARIE ELLISON, B.A., University of South Florida, 1967
 JOHN FRANCIS GALVIN, JR., A.B., St. Louis University, 1933
 PATRICIA KARIN GILL, B.A., Edgewood College of the Sacred Heart, 1961
 JULIA DEUTSCH GOLDSTEIN, B.S., 1963
 BARBARA ANNE GRONLUND, A.B., 1967
 JEAN COLE HUGHES, A.B., 1961
 DIANE GORDON KADANOFF, B.S., Simmons College, 1959
 GEORGE WALLACE KELLER, B.S., George Peabody College for Teachers, 1959
 SANOK PAIK KIM, B.A., Clark University, 1956; M.A., University of Wisconsin, 1958
 CRISTINA KING, B.A., Rockford College, 1966
 DALE MYRON LIMBERT, JR., B.S.Ed., Ohio University, 1967
 EILEEN KAY MCCARTY, B.S., Bluffton College, 1966
 MARIANNE MCCULLOUGH, B.A., Baldwin-Wallace College, 1967
 ADELLE MEHAFFEY McMILLAN, A.B., 1967
 GREER G. NAVE, B.A., Emory University, 1966
 SOO-KWEE NG, B.A., Nanyang University, 1959
 SUSAN LESLIE NICKERSON, B.A., Antioch College, 1967
 ERLING ROBERT OELZ, A.B., Western Michigan University, 1963
 BETTY BOZARTH OHM, A.B., Illinois College, 1960
 SHARON KAY OLSON, A.B., MacMurray College, 1967
 PHYLLIS MARIE PINDER, B.A., University of Western Ontario, 1964
 CINDA GAY PIPPENGER, A.B., 1967
 SAUNDRA LOUISE RICE, B.A., Howard University, 1967
 THOMAS LYNN SCOTT, B.A., Municipal University of Omaha, 1965
 SANDRA LYNN FILIS SHEPPARD, B.A., Millikin University, 1967
 DIANNA LYNNE SMITH, B.S., University of Tennessee, 1966
 FRANCES MAE STARR, B.S., Illinois State University, 1960
 PAMELA JO STILLWELL, B.S., 1966
 SHERYL FRANKLIN SWANSON, B.A., North Park College, 1964
 IRENE CECILIA TEAS, B.S., Memphis State University, 1966
 MANHAR PURSHOTTAMDAS THAKORE, B.Sc., University of Bombay, 1952; Dipl., M.A., University of Baroda, 1957, 1963
 MARCIA FRANCES TUCKEY, B.S., 1963
 PATRICIA BARTON TURNBULL, S.B., Simmons College, 1965
 CAROLYN JEAN VANZEE, B.A., University of Iowa, 1967
 BARBARA JANE WEBER, B.A., University of Dubuque, 1964
 WILMA FROSTENSON WHITE, A.B., 1956
 FAITH ANN WOOD, B.A., University of Maine, 1967

In Management

- RAFAEL ENRIQUE CALDERON RIVERA, Economista, Universidad Central de Venezuela, 1964
 NORBERT MICHAEL KOZLOWSKI, B.S., 1967
 GERALD ALAN ROMUNDSTAD, B.A., University of Minnesota (Duluth), 1965

In Mathematics

- MARSHALL ALLAN ATLAS, B.S., Rensselaer Polytechnic Institute, 1967

HARRY GLEN AUMENT, B.S., Illinois Institute of Technology, 1967
 ELAINE MARY BAIR, B.A., Nazareth College of Rochester, 1967
 DAVID MAYNE BUSEY, B.A., Lycoming College, 1966
 PAUL EDWARD COHEN, B.S., University of New Mexico, 1967
 JOHN BURBANK CORWIN, B.S., Kansas State University, 1966
 PAUL HARVEY COX, B.S., 1967
 PETER DUBOSE CRAWFORD, B.A., Western Kentucky State College, 1967
 JOHN THELBURN ENGLE, B.A., DePauw University, 1966
 JOHN FINDEIS, B.S., 1967
 JOHN JAMES GAUDIO, B.S., 1967
 ROBERT DAVID GORDON, A.B., Augustana College, 1967
 LUKE TI HAN, A.B., Wheaton College, 1966
 CHARLES TOOLE KAHANE, B.S., University of Chicago, 1967
 JOHN CRONAN KIEFFER, B.S., University of Missouri (Rolla), 1967
 JAMES DAN KNIFONG, B.S., Northern Illinois University, 1964
 BARBARA ANN MALTBY, B.S., Michigan State University, 1967
 MARGARET EMILY MANN, B.S., North Carolina State University, 1967
 CAROL JOAN McMULLIN, B.S., State University of New York (Cortland), 1966
 THOMAS MICHAEL McMULLIN, B.S., Pennsylvania State College (Mansfield), 1963
 THOMAS RALPH MORRIS, B.S., Michigan State University, 1966
 RICHARD MICHAEL OSTEN, B.S., Rensselaer Polytechnic Institute, 1966
 WILLIAM JOSEPH PARMENTER, B.S., Purdue University, 1967
 ALLEN LOUIS PEKAR, B.S., 1966
 MICHAEL DEAN ROSS, B.A., Western Washington State College, 1967
 SISTER M. CATHERINE THERESE PAULIE, B.S., Marquette University, 1967
 SANDRA SUE SNODGRASS, B.S., 1966
 STEPHEN RAY TROYER, B.S., Purdue University, 1966
 ROBERT EDWIN WALL, B.S., M.S., 1966, 1967

In Mechanical Engineering

GEORGE WAYNE EGGEMAN, B.S., University of Missouri (Rolla), 1962
 ERNEST JOHN FREY, B.S., University of Notre Dame, 1966
 GARY WAYNE HILL, B.S., 1967
 DONALD LOUIS JONES, B.S., 1966
 ALEX MICHAEL KELLER, B.S., 1967
 WILLIAM FREDERIC KOEBBEMAN, B.S., 1963
 GERALD VICTOR LOMBARDI, B.S., 1967
 JOHN LESLIE MESKIMEN, B.S., 1967
 FIKRI OZDEMIR, B.S., 1967
 ANDREW ROVELSTAD, B.S., 1967
 DAVID VANCE SCHAEFER, B.S., University of Wisconsin, 1963
 LAWRENCE JOHN WITTMAN, B.S., 1967
 JOSEPH FRANK WOLLSCHLAGER, JR., B.S., 1966

In Metallurgical Engineering

NABENDU SEKHAR CHOUDHURY, B.E., University of Calcutta, 1963
 DWIGHT RICHARD DIERCKS, B.S., 1967
 ROBERT STEPHEN KARZ, S.B., Massachusetts Institute of Technology, 1967

In Microbiology

DAVID GEORGE DAVIS, B.S., 1967
 WILLIAM CHARLES MATTHAI, B.S., Northern Michigan College, 1966
 DACE VENTERS, B.A., Northwestern University, 1964
 MARY PATRICIA WHITE, A.B., Indiana University, 1965

In Mining Engineering

BASHIR AHMED, B.E., Osmania University, 1965

In Music Education

GAYLE SUSAN ACKLEY, B.M., Michigan State University, 1967
 BEVERLY MAE AHLSEN, B.S., State University of New York (Fredonia), 1964
 WILLIAM KELLEY ALEXANDER, B.M., East Carolina College, 1967
 TERRI ELIZABETH ALTON, B.Mus., Illinois Wesleyan University, 1966

CONSTANCE PAMELA BARBER, B.M., University of Georgia, 1967
 RITA JO BURD, B.Mus.Ed., Indiana University, 1965
 STEWART ARLEN CARTER, B.M.E., University of Kansas, 1967
 DONNA DALE LAMBIERD CLARK, B.S., 1963
 JOHN MARION COOKSEY, B.Mus.Ed., Florida State University, 1964
 GERARD JOSEPH CORCORAN, JR., B.A., University of Maine, 1967
 JAMES WALTER DRUESSEL, B.Mus.Ed., Millikin University, 1961
 GLEN DANIEL FAIRCCHILD, B.S., 1966
 SUZANNE FRONCEK, B.S., Quincy College, 1967
 DOROTHY HELEN HAYES, B.S., 1966
 MARILYN ANN HEATH, B.M.E., Greenville College, 1967
 KAREN RUTH HINSHAW, B.S., 1965
 MARY CAROLYN GIESE HINTON, B.S., 1962
 ROY ALLEN KEYT, B.A., Luther College, 1967
 NANCY COOPER KREDEL, B.Mus., University of North Carolina (Greensboro), 1965;
 M.Mus., 1968
 CAROLE JEAN CATHERINE LESNIAK, B.S., Northern Illinois University, 1964;
 M.Mus., 1966
 ROBERT JOHN MARTIN, JR., B.S., 1967
 WARD FRANKLIN MOWERY, B.S., Ohio State University, 1962; M.Mus., 1968
 JANE HENRY PRINCE, B.Mus.Ed., Murray State College, 1960
 JILL CHRISTINE RYLANDER, B.Mus.Ed., Illinois Wesleyan University, 1964
 ARTHUR GLENN SCHILDBACH, B.S., 1966
 ELLEN LOUISE SCHRAMM, B.Mus.Ed., Indiana University, 1964
 CHARLES STUART SCHUMAN, B.Mus., Ithaca College, 1967
 CAROL SCHWORTZ, B.A., Queens College, 1961
 JAMES ROGER SIROIS, B.S., 1967
 HOWARD ARTHUR SMITH, JR., B.S., Ithaca College, 1965
 PHILIP HERBERT STUTZ, B.Mus.Ed., Wheaton College, 1967
 ERNESTO CAPELLAN VALENCIA, T.D.M., University of the Philippines, 1958
 KENNETH LLOYD WILLIAMS, B.S., Illinois State University, 1966
 DOROTHY FERGUSON YOUNG, B.S., Wisconsin State University (Superior), 1965

In Nuclear Engineering

ROBERT WALTER FIENE, B.S., Stanford University, 1967
 BENNETT ELIHU GATES, B.S., 1966

In Physical Education

LOIS ELAINE LANG, B.S., Washington State University, 1963
 PAOLA LUISA MANGIACAPRA, B.S., Bates College, 1961
 MARY LOUISE O'TOOLE, B.S., University of Massachusetts, 1966
 GARY GILBERT RASMUSSEN, B.S., 1965
 JOSEPH RALPH ROSADO, B.S., 1966
 MICHAEL GEORGE WADE, Dipl., Loughborough Training College, 1963
 IAN DAVID WILLIAMS, Dipl., University of Otago, 1964

In Physical Sciences

MARGARET ANN HOBART KASOWSKI, Hons.B.Sc., University of Ottawa, 1964

In Physics

THOMAS LEE BERGER, B.S., 1964
 DENNIS VERN BROCKWAY, B.S., University of New Mexico, 1963; M.Eng., New
 York University, 1965
 RONALD LYNN CAMPBELL, B.S., 1966
 JEAN PIERRE DESROCHES, Ingenieur, Ecole Centrale des Arts et Manufactures,
 1967
 DAVID PAUL EISENMAN, A.B., Harvard College, 1965
 JOHN ROBERT FISCHER, A.B., Northeastern University, 1966
 CHRISTOPHER ALAN FOSTER, B.A., University of Colorado, 1966
 JAMES JOSEPH FRANZEN, B.S., 1967
 JOHN PAUL HARNAD, B.Sc., McGill University, 1966
 WILLIAM JEFFREY MEYER, A.B., Temple University, 1965
 MICHAEL RAY ROBINSON, B.S., Georgia Institute of Technology, 1967

WILLIAM CLAYTON SCHEIFLEY, B.A., Rice University, 1966

JERRY DEAN SCHERMERHORN, B.S., 1967

GARY JOHN SCHLIECKERT, S.B., Massachusetts Institute of Technology, 1966

IRL WILSON SMITH, JR., B.S., 1967

NIKOS THEODORAKOPOULOS, B.S., Harvey Mudd College, 1967

THOMAS MICHAEL VALIQUETTE, A.B., Ph.L., S.T.B., Saint Louis University, 1957, 1958, 1966

In Physiology

ARTHUR BAEDER III, B.S., Baldwin-Wallace College, 1965

RODGERS WAY BICKERSTAFF, B.S., Denison University, 1963

THOMAS SCOTT BURNS, B.A., Wabash College, 1965

PATRICIA LUCILLE LECHNER, B.S., 1966

RICHARD WILLIAM MASSELL, B.A., St. John's College (Annapolis), 1965

MARY VIRGINIA NEKOLA, B.S., Loyola University, 1966

JOHN JOSEPH SERBIN, JR., A.B., Monmouth College, 1966

JAY FREDERICK WEENIG, B.S., Brigham Young University, 1957

In Plant Pathology

JAMES OLAKUNLE AMOSU, B.S., 1966

RONALD WILLIAM REHLING, B.S., 1966

In Psychology

ANDREA GAYE KAPLAN, B.S., 1967

In Radio and Television

LEANDER CORBIN JONES, JR., A.B., Agricultural, Mechanical and Normal College (Arkansas), 1956

JAMES CLAUDE KEHOE, B.A., Arizona State University, 1967

THOMAS JOHN TIERNEY III, B.S., 1965

In Recreation

JENNIFER R. CUTTS, B.S., University of Minnesota, 1967

MARY ROSE FRANGIOSA, B.S., Oregon State University, 1965

LYNDALL OTEY MAXWELL, B.S., University of Texas, 1958

RAYMOND FRANCIS STANFORD, B.S., Springfield College, 1967

In Sanitary Engineering

MALCOLM CHARLES BABB, B.S., 1966

JAMES CLAYTON GRATTEAU, B.S., 1967

In Statistics

MARIAN JOHNSON FROBISH, B.A., Northwestern University, 1965

BONITA JASCH MAMPE, B.S., 1964

MICHAEL JAMES NOE, B.A., Illinois Wesleyan University, 1966

In the Teaching of Biological Sciences and General Science

ROGER WILLIAM BOHM, B.S., 1960

JEAN LOUISE ENGLUND, B.A., Augustana College, 1965

SHARON FOGELQUIST JOHNSON, B.S., 1966

LORETTA NELL SATTERTHWAITE, B.S., 1966

JUNE ANN TROTTIER, B.S., Wheaton College, 1966

In the Teaching of Chemistry

WILLIE McCLECKLIN II, B.S., Benedict College, 1963

In the Teaching of Mathematics

DEALVER L'VET BROWN, B.S., Johnson C. Smith University, 1964

MARY ELIZABETH DERRINGTON, B.S., Southern Illinois University, 1961

DAVID E. FAST, Ph.B., University of North Dakota, 1956

DENIS EDWARD GANNON, B.A., Fairfield University, 1961; M.Ed., University of Hartford, 1964

ANN FLORENCE GRAHAM, B.S., University of Portland, 1966

JEAN MARIE KOZLIK, A.B., Rosary College, 1964

ALBERT JOHN MONCRIEF, JR., B.A., Montclair State College, 1967

In Theoretical and Applied Mechanics

JOHN VANMETER COYNER, JR., B.S., 1967
 JESSE EDWIN MATHENY, JR., B.S., 1955
 CLAYTON CHARLES NELSON, B.S., 1966
 JAMES ALLEN WINDUS, B.S., University of Washington, 1964

In Veterinary Medical Science

MARTIN CHARLES MORALES, B.S., University of Houston, 1957; D.V.M., Agricultural & Mechanical College of Texas, 1963
 UTE URIAS HERBERT MORRIS BISETTE, D.V.M., Universidad Central de Venezuela, 1959
 PRIENNIE CATHERINE JOYCE RANATUNGA, B.V.Sc., University of Ceylon, 1955
 GEORGE WILLIAM SHERRICK, D.V.M., Oklahoma State University, 1957

In Zoology

LEANN BORROR BLEM, B.S., Ohio University, 1965
 BRUCE PHILLIPS HANNA, B.S., 1966
 JARVIS ELLIS HUDSON, B.A., Indiana University, 1966
 PAULA POR LEE, B.S., 1966
 SHADI LAL NARANG, M.Sc., Panjab University, 1965

Degree of Master of Music

MICHAEL JULIAN BATES, B.M.E., Bradley University, 1966
 SEUNGHYUN CHOI, B.A., Ewha Womans University, 1963
 WILLIAM WILDER COLSON, Mus.B., Oberlin College, 1967
 JOYCE LYDIA CRANE, B.M., Illinois Wesleyan University, 1966
 NANCY ELIZABETH HAMPTON, B.S., 1967
 ALBERT CLEMON HUGHES, JR., A.B., B.M., Birmingham Southern College, 1964, 1964; M.Mus., 1967
 MARTHA LEE JAKUES LINDON, B.Mus., Miami University, 1966
 LOUISE KELLY MATTHEWS, B.Mus., University of North Carolina (Greensboro), 1966
 GEORGE WILLIAM MECHLING, JR., A.B., B.S., University of Nebraska, 1964, 1964
 KEITH ALVIN PAYNE, Mus.B., Oberlin College, 1966
 ANNE DEMAREST QUIMBY, B.Mus., Syracuse University, 1965
 NANCY VIRGINIA RICE, B.A., Wisconsin State College (Eau Claire), 1966
 DENNIS DANIEL RILEY, JR., B.Mus., University of Colorado, 1965
 ISABELLE CATHERINE RUETTEN, B.M.Ed., Viterbo College, 1966
 CAROLYN VAL SCHMIDT, B.Mus., 1966
 RUDOLPH OWENS SHACKELFORD, B.Mus. & Mus.Ed., Richmond Professional Institute, 1966; M.Mus., 1967
 MARILEE DAVID SKIDMORE, B.Mus., 1967
 JOAN ELIZABETH SQUIRE, B.S., 1966
 MARGARET ANNE STEEBLE, B.M.E., Wheaton College, 1966
 WILLIAM FRAZIER STONE, A.B., Duke University, 1966
 ROBERT DENNIS VANDALL, B.Mus., Baldwin-Wallace College, 1966
 RICHARD LEE WHITTEN, B.Mus., North Texas State University, 1966
 JANET BELLE WOOD, B.Mus., 1966
 JOHN DAVID ZIMMERMAN, B.Mus., Wheaton College, 1966

Degree of Master of Education

JOEL LESLIE ABRAHAM, B.S., Old Dominion College, 1966
 SHARON KAY ADAIR, B.S., 1967
 KATHRYN MARIE ADEN, B.A., State University of Iowa, 1960; B.S., Pacific Lutheran University, 1962
 HILDA ROODHOUSE ALEXANDER, B.S., MacMurray College, 1939
 SUSAN AMISS BADGER, B.S., Frostburg State College, 1967
 BARBARA ANN BATCHELOR, B.S., East Carolina College, 1959
 JOANNE MOLLIE BEER, B.A., DePauw University, 1967
 BISHOP BASCOM BLACKWELL, B.Aero.Eng., University of Florida, 1954
 NONA ANNE BOHANNON, B.A., Eastern Washington State College, 1965
 MARY JANE BOND, B.A., Millikin University, 1965
 ROBERT WALDO BOSSLER, B.S., St. Louis University, 1961

- RUTH ANN BRAHAM, B.S., Purdue University, 1966
ERIC CHARLES BROOKENS, B.S.B.A., University of Denver, 1964
GWYNN CLAUDIA BROWN, B.A., Bennett College, 1964
LINDA KAY BROWN, A.B., Whitman College, 1965
KATHRYN COBB BURTNES, B.S., 1947
CAROL IRENE WILKENS BUTLER, B.S., Illinois State University, 1961
ETHEL CASTROLL, B.S., East Texas State College, 1963
LODEMA LOUISE CARROLL CHANEY, B.Ed., National College of Education, 1947
BETTY FIRESTEIN CHRISTMAN, B.A., Olivet Nazarene College, 1965
LINDA ARLINE COVEY, B.A., North Central College, 1965
EDITH JEANETTE COX, B.S.Ed., Northeast Missouri State Teachers College, 1965
CAROL ANN CROCKETT, B.A., Quincy College, 1967
MELINDA JANE CSENSICH, B.S., Pennsylvania State College (California), 1965
JOSEPH BELL DEISHER, B.S., Franklin and Marshall College, 1937; M.D., University of Rochester, 1941
RUTH ELIZABETH DELAWTER, A.B., Olivet Nazarene College, 1964
JANE LAURENCE DERROUGH, B.S., 1939
RHODA ELLYN SIMON DOMBCHIK, B.S., 1965
MARTHA MARY MENKE DOOLEY, A.B., Clarke College, 1963
RAYMOND EDWARD DUNN, B.S., Wisconsin State College and Institute of Technology, 1950
JANET KAY DWYER, B.S., Southern Illinois University, 1965
CHARLES BILL EARDLEY, B.S., Eastern Illinois University, 1963
THEODORE JAMES ECKER, B.A., North Park College and Theological Seminary, 1962
LEROY FREDERICK EDWARDS, A.B., Bradley University, 1962
NANCY LOUISE EUSTANCE, B.S., Syracuse University, 1967
PATRICIA NEWSOM FAUDREE, B.A., Oklahoma Baptist University, 1962
LOYDE AMALIA FAUSTINI, Licenciado Em Pedagogia, University of Sao Paulo, 1953; Dipl., University of Reading, 1967
MARGO MARIE FITZGERALD, B.S., 1965
ANNE MARIE FOLEY, A.B., Regis College, 1944
DIXIE LEE FORD, B.S., Kansas State College (Pittsburg), 1965
JUDITH LEE SALONE FORD, B.S., 1964
MARY REEDER FRALEY, B.S., Illinois Wesleyan University, 1958
JUDITH ANN FRANZEN, B.S., 1961
VIVIAN HENDERSON GOINS, B.S., Quincy College, 1965
ELIZABETH WEISS GOLDWASSER, A.B., George Washington University, 1943
JUDITH IRENE GOOD, A.B., West Liberty State College, 1961
CAROLYN SUE GRAETER, B.S., Ohio State University, 1967
REBECCA BALES GREETHER, B.S., Miami University, 1964
CAROL KNOTT GRIFFET, A.B., 1958
PATRICIA LOUISE GRUBB, B.A., DePauw University, 1966
JAMES DANIEL GRYDER, B.S., Southern Illinois University, 1960
EARL GEORGE GUEDEMAN, B.S., 1963
ROY ANSKER HAGEN, B.S., Taylor University, 1964
LEON MARTIN HARRIS, JR., B.S., Hampden Sydney College, 1956; M.D., Medical College of Virginia, 1960
NANCY STAKIS HAUGEN, B.S., 1964
RAY EUGENE HELFER, A.B., Oberlin College, 1951; M.D., State University of New York (Syracuse), 1955
GREGG STUART HELGESEN, B.S., 1968
JOSEPH WELLS HESS, JR., B.S., Utah State University, 1953; M.D., University of Utah, 1956
JANIS LYNNE HIMES, A.B., Lincoln Christian College, 1965
THERESA MARIE HOPKINS, B.S., 1964
DONALD GENE HUGO, B.A., Concordia College, 1967
CAROLYN SUE EILERS JACKSON, B.S., Illinois State University, 1964
GAIL STEPHANIE JACKSON, B.A., Fisk University, 1967
CAROLYN HUNTER JARVIS, S.B., Simmons College, 1965
JAMES FRANK JEWETT, A.B., 1967
ROBERTA SMITH JONES, B.A., University of Maryland, 1963
RICHARD DAVID KLEINBECK, A.B., 1962

- SUSAN MYRA KLUGER, A.B., Hunter College, 1967
 JUDITH LORETTA KOSTER, B.A., Blackburn College, 1964
 EDWARD EARL KOZLOFF, B.S., 1966
 BARBARA JANE KUKLEWICZ, A.B., 1966
 LAWRENCE WALTER LAFLEUR, B.S., Northern Illinois University, 1958
 LAVERNE ALICE WITCOSKY LANDERS, B.A., San Jose State College, 1964
 PAMELA BEERY-POLGLASE LAUGHLIN, A.B., 1966
 WILLIAM WAYNE LAURENT, A.B., 1966
 BILLIE ANN STARKEY LEIGHTON, A.B., Knox College, 1964
 JOHN BYRON LEITCH, B.S., Western Illinois University, 1960; M.S., Northern Illinois University, 1965
 LINDA LOIS LEMAY, B.S., Bob Jones University, 1965
 MICHAEL STEVE LENICH, B.S., 1967
 PENNE DREW LINNENBURGER, B.S., Western Illinois University, 1965
 DENRUTH BARRE LOUGEAY, B.S., 1965
 JOAN FRIEND LUBERA, B.S., Indiana University, 1958
 LINDA LOU LUCHT, B.S., Illinois State University, 1966
 ANNE MARIE LUZWICK, B.S., Loyola University, 1964
 KATHLEEN VIRGINIA LYONS, Ed.B., Rhode Island College, 1965
 PROVIDENCE JOSEPHINE MANISCALCO, B.S., University of Tampa, 1961
 KENNETH LAVERNE MARLIN, B.S., Northwestern University, 1948
 JOHN PHILLIP MEYER, B.A., Marquette University, 1966
 SANDRA JEAN MILLER, B.S., 1967
 RITA ANNE MITCHELL, B.A., Purdue University, 1966
 RALPH JOSEPH MOENS, B.S., 1951
 BONNIE JEAN MORAN, B.S., Murray State College, 1957
 JANE SUSSMAN MORPURGO, B.S., State University of New York (Cortland), 1957
 ALICE MAY MOXEY, B.S., Illinois State University, 1960
 DANIEL GABRIEL MULCAHY, B.A.(Hons.), H.Dipl.Ed., M.A., National University of Ireland, 1965, 1966, 1967
 KATHLEEN GEOGHEGAN MUNCH, B.A., California State College (Fullerton), 1964
 JUDITH BERRIEN MUNDAY, B.S., 1967
 JASON MWANGI MUTUGI, B.A., York University, 1967
 RUSSELL LEE MYERS, JR., B.S., 1955
 RICHARD LLOYD NELSON, B.S., Western Illinois University, 1957
 NECIA HARKLESS NEMBARD, B.M., Detroit Institute of Musical Art, 1960
 DEBORAH NEUGARTEN, B.A., Queens College, 1967
 MELVIN LAVAUGHN NOE, JR., B.S., 1967
 NANCY JOSEPHINE NOLAN, B.S., 1963
 JANE ELIZABETH NOVOTNY, B.A., DePauw University, 1967
 THOMAS KEITH OATES, B.S., Southern Illinois University, 1965
 MELVIN LEROY ONG, B.S., M.S., Illinois State University, 1950, 1958
 JOANNE ELLEN ORAVEC, B.S., Concordia Teachers College, 1964
 ALICE CARLS ORE, B.S., 1965
 MARY ANN PAPIRNIK, B.S., 1964
 RONALD JOSEPH PASTORI, B.S., Eastern Illinois University, 1965
 JEANINE PASS PATTERSON, B.M.Ed., Millikin University, 1964
 ANNE MARGARETHE PETERSON, B.S., Northwestern University, 1966
 CAROLYN JEAN MCCANNON PETERSON, B.A., Lawrence University, 1964
 SUE CAROLYN PETRICK, B.S., Pennsylvania State University, 1966
 HAZEL SCHULTZ PIATT, B.S., Olivet Nazarene College, 1964
 LIGIA ENRIQUETA PLAZAS, Javeriana University
 PAULINE SMITH PROKOP, B.S., Southern Connecticut State College, 1943
 JANET GRANT RAUCH, B.S., Northwestern University, 1965
 EDNA DORIS READER, B.S., Central Missouri State College, 1962
 SHIRLEY ROSE REINHART, B.S., Loyola University, 1963
 FRANCES ELAINE REXROAD, B.S., 1963
 JOYCE DELORIS BICKERSTAFF RILEY, B.S., Kent State University, 1961
 JANET MAYBERRY ROBINSON, B.S., Eastern Illinois University, 1963
 MORITA ANN ROGERS, A.B., 1966
 MARSHA LEA ROIT, B.S., Lesley College, 1967
 BETTY MARIE ROSS, B.S., Illinois State University, 1961
 ROBERTA JUSTER RUBEL, A.B., 1964

ESTHER EMMA RYAN, B.A., Fontbonne College, 1965
 LAWRENCE BARRY SCHIAMBERG, A.B., 1964
 KATHRYN MARIE SCHMIDT, B.A., St. Xavier College, 1964
 JOAN URSULA SEREKA, B.S., Northern Illinois University, 1964
 EDWARD ROBERT SHERMAN, A.B., McKendree College, 1966
 CECILE DE GANT SHOOK, B.S., Syracuse University, 1965
 SISTER MARY DELRINA CLARIN, B.S., St. John College, 1965
 VIRGINIA JEANNE SODERSTROM, A.B., 1967
 ROBERT EUGENE STEVENS, B.S., Eastern Illinois University, 1961
 IDA SANTOS STEWART, A.B., Florida State University, 1950
 VALERIE LAW STODDEN, B.S., Valparaiso University, 1966
 ELEANOR ANNE ROLLO STOLZ, B.S., 1955
 ROBERT WILLIAM STUHL, B.S., Wisconsin State College and Institute of Technology (Platteville), 1964
 PHYLLIS WITT SUMMERS, B.S., University of Tennessee, 1956
 MENGESHA TADESSE, B.A., Haile Sellassie I University, 1964
 JOHN JEROME TEMPLIN, A.B., 1946; B.L., M.A., Southern Methodist University, 1949, 1950
 JANNY MARIE QUINN TRAVERS, B.S., Illinois State University, 1960
 PATRICIA ROSE TRUNT, B.S., Northern Illinois University, 1959
 CECILIA MISEVICH TYSIAK, B.S., Eastern Illinois University, 1964
 WILLIAM MANLY WARD, B.S., St. Cloud State College, 1951
 SARAH FRANCES WATTS, A.B., Virginia State College, 1948
 MARYLIN FRANCES WEARING, A.B., Marymount College, 1963
 MYRNA JOAN WENTE, B.S., Valparaiso University, 1955
 PAUL RONALD WESBECHER, B.S., 1967
 ALVIN LEE WILLIAMSON, B.A., Hanover College, 1967
 CAROL MITACEK WOLF, A.B., 1965
 JO ANN MARIE FUCHSEN WOZNIAK, A.B., 1966
 MARGARET LOUISE YAWKEY, B.S., Maryville College, 1963
 MARTIN JOHN ZVONAR, B.S., 1966

Degree of Master of Social Work

CONSTANCE KRISTOFF ADEYERI, B.A., City University of New York (Brooklyn), 1964
 MARILYN ANSEVIN AUSTIN, A.B., Muskingum College, 1955
 DARYL MELTZER BENDER, B.A., State University of New York (Stony Brook), 1964
 THEODORA WINTERS BERLATSKY, B.S., Tufts University, 1964
 MARGARET WATTERSON BISHOP, B.A., University of Liverpool, 1963
 DENNIS CHARLES BREIDENBACH, B.A., University of Dayton, 1964
 PAUL ATHERTON BRIDGELAND, B.S., Northern Illinois University, 1961
 WENDY ALISON BUCHAREST, A.B., Simmons College, 1966
 ANDREW LOUIS BUCZYNA, B.A., DePaul University, 1957
 BEVERLY LITWILLER BURMEISTER, B.A., Goshen College, 1966
 JEROME MARTIN CABALA, B.A., University of Dubuque, 1965
 PHYLLIS LOUISE CLINE, A.B., 1966
 JAMES HOWARD COLLIER, B.S., George Williams College, 1966
 VIRGINIA MAE COLLINS, B.A., Iowa Wesleyan College, 1966
 GLORIA JEAN CORTESE, B.S., Indiana University, 1962
 JOSLYN BROOKS DAVIDSON, B.A., Roosevelt University, 1965
 PATRICIA GAIL DAVIES, A.B., Wheaton College, 1965
 ROBERT EARL DAVIS, B.A., University of Dubuque, 1961
 ROGER LAVERNE DAVIS, B.A., Southern Illinois University, 1966
 ALICE ELEANOR DAWSON, B.S., Ohio University, 1963
 VERA HELENE DEXHEIMER, B.S., University of Minnesota, 1950
 JANET GAYE DEYOUNG, B.S., Kansas State Teachers College, 1964
 GERRIC WARD DUDLEY, B.S., Union College, 1966
 MARY FRANCES DUNNE, B.A., College of St. Francis, 1965
 MARIAN GOODLEY EBERSOLE, B.A., Pennsylvania State College, 1940
 BETTY JANE EICHFELD, A.B., Carthage College, 1965
 MICHAEL JAY ELKINS, B.S.B.A., Northwestern University, 1966

- REGINA DALUNE ENGLADE, B.S., 1964
RICHARD ALAN FINKLE, A.B., 1967
GRETCHEN ANN WILLIAMS FOSTER, B.A., University of Colorado, 1966
JOSEPH EDWARD FRANCIS, A.B., Providence College, 1964
RAE FREED, A.B., University of Michigan, 1963
PETER JAY GOLDEN, B.S., 1966
ALBERT EDWARD GRAFF, JR., B.A., Chapman College, 1958; B.D., University of Chicago, 1962
SUSAN ARLEEN GRAVES, B.A., Parsons College, 1966
STEWART DEAN GRIFFETH, JR., B.S., Arizona State University, 1960
ELWOOD RODERICK HAMLIN II, B.A., Sacramento State College, 1966
DIANE CROWLEY HASLETT, B.A., Keuka College, 1964
JOAN KAREN SEBREN Y HUTCHINS, A.B., Indiana University, 1962
JERROLD ALAN JACOBS, A.B., 1966
KENNETH DEAN JONES, A.B., Colorado State College, 1961
MARCIA JOHNSTON JURGENS, B.S., Illinois Wesleyan University, 1963
SUSAN DONNA KAMIN, B.A., Northwestern University, 1966
MICHAEL ROBERT KANE, B.A., Roosevelt University, 1966
CHARLES JOSEPH KEHOE, B.A., Lewis College, 1967
BERNICE KING, B.A., Roosevelt University, 1965
CHARLES EDWARD KRIEGER, B.A., University of Texas (Austin), 1964
MICHAEL STUART LA REAU, B.S., Illinois Wesleyan University, 1964
LINDA FRANCES LEUDESORFF, A.B., Augustana College, 1964
LINDA KAY LIPINSKI, B.A., Purdue University, 1966
KEMSEY JAMES MACKAY, B.A., Grove City College, 1964
THOMAS SHAFFER MASSIE, B.A., Kentucky State College, 1962
PAMELA SUE MILLAR, A.B., 1965
BERNIE NOVEN, B.A., Northern Illinois University, 1964
JANIS REYNOLDS OULUND, B.A., Greenville College, 1965
CHERYL LEE PESKIN, B.A., Roosevelt University, 1966
MATTHEW JOHN PSZENICZNY, JR., A.B., St. Anselm's College, 1966
GAY NELL WYLAND PYLES, A.B., Wheaton College, 1965
ANN FOWLER RECKA, A.B., 1964
JOHN WALTER ROHDE, B.A., North Park College, 1966
FREDERICK WILLIAM ROTH, B.A., Northern Illinois University, 1965
RONALD ALLEN ROYNE, B.S., George Williams College, 1966
SATYA PAUL SACHDEV, B.A., Panjab University, 1956; M.S.W., University of Baroda, 1959
CHERYL FLEISCHMAN SCHLAFFER, B.S., 1966
WILLIAM CHARLES SHEPPARD, B.A., Millikin University, 1964
BARBARA SYLVIA SHORES, A.B., Talladega College, 1966
SUZANNE CAMP SMALL, B.S., Wayne State University, 1953
JANET PALMER SMITH, B.S., Trinity University, 1964
MARY ANN FLAHERTY SMITH, B.A., University of Wisconsin, 1964
CHARLES STRATFORD STEVENS, B.S., Agricultural and Technical College of North Carolina, 1960
SUSAN ANGELA STILLWELL, A.B., 1966
JUDITH HEMPHILL STRONG, A.B., Cornell University, 1963
LOIS LINLEY STUART, A.B., 1965
DONALD EDWARD TARGONSKI, A.B., St. Anselm's College, 1963; A.M., Boston College, 1965
JAMES PHILIP THOMPSON, B.A., Indiana University, 1966
ELLEN LOUISE URBAN, B.A., Valparaiso University, 1965
RICHARD PETER VAN REMORTEL, B.A., St. Norbert College, 1966
ALEX CARMINE VELTO, B.S., College of the Holy Cross, 1964
ELIZABETH DORMAN WATERS, A.B., MacMurray College, 1966
CURTIS LEE WENNERDAHL, B.A., Rockford College, 1963; B.D., Trinity Evangelical Divinity School, 1966
VICTORIA LOUISE BRYAN WINGERT, B.A., Goshen College, 1963
PATRICIA GIBSON WOLF, B.A., Millikin University, 1966
FLORA LOU WRIGHT, B.A., Yankton College, 1966
CAROL ANNE ZOHA, B.B.A., St. John's University, 1963

Degree of Master of Fine Arts*In Design*

THOMAS ROBERT LIETHEN, B.Arch., 1966

In Painting and Printmaking

ROBERT ELMER CHEW, JR., B.F.A., Maryland Institute, 1966

MARGARET DIANE FIERKE, B.F.A., 1966

WILLIAM NELSON SCHAAF, B.F.A., University of Florida, 1966

THOMAS WILLIAM SPENCER, B.F.A., Ohio Wesleyan University, 1966

In Sculpture

FREDERICK VANDOVA GLOVER, B.F.A., 1964; M.A., University of Iowa, 1966

Degree of Master of Television

ROBERT JOHN SCHANILEC, B.A., Michigan State University, 1967

Degree of Master of Architecture

GRAHAM WESLEY BRAWN, B.Arch., University of New South Wales, 1962

JOHN HULON BRYANT, B.Arch., Oklahoma State University, 1964

JOHN ALAN KELLY, B.Arch.Eng., M.Arch.Eng., Oklahoma State University, 1963, 1967

DOUGLAS JOHN MOSER, B.Arch., 1967

JOHN ANDREW RIORDAN, B.A., 1965

Degree of Master of Accounting Science

CHONG AM CHUNG, B.Mgmt., Yonsei University, 1964

DONALD JOHN GERBER, B.S., 1967

WILLIAM GEORGE GERRISH, B.S., 1967

EDWARD EVERETT GRAY, B.S., 1967

WILLIAM IRVIN HEMANN, B.S., Eastern Illinois University, 1964

LOUIS REA JONES, B.S., B.S., 1959, 1960

DENNIS ALAN KREBS, B.S., Southern Illinois University, 1967

JOSE IGNACIO LARREA, B.S., Spring Hill College, 1958

ROBERT HERMAN MICHAELSEN, B.A., State College of Iowa, 1967

ROGER FERRIS MORTENSON, A.B., Wheaton College, 1966

DONALD FRED PASSALACQUA, B.S., 1967

ANWARUL HAQ RAAZI, B.A., M.A., University of Panjab, 1954, 1956

JAMES WILMORE ROMES, B.B.A., University of Texas, 1966

WILLIAM JAMES SLEVIN, A.B., MacMurray College, 1966

DAVID LEE SMITH, B.S.B.E., Illinois Institute of Technology, 1966

MARTIN JAY WEISS, B.S., 1967

RONALD FRANCIS WILSON, B.S., 1965

Degree of Master of Business Administration

GARY ROBERT BARNES, B.S., 1966

KENNETH RAYMOND BINGHAM, B.Eng., McGill University, 1966

DAVID EDGAR BROCKMAN, B.S., Valparaiso University, 1966

JAMES JAY BURCHAM, B.S., 1964

JOHN HENDERSON CALVERT, B.A., State University of Iowa, 1966

ELMER ROBERT GIESE, JR., B.S., 1963

ROBERT ARTHUR GILES, JR., B.S., 1966

GREGORY JON HUDAK, B.S., 1966

JOHN STEPHEN KIMMEL, B.S., 1966

DENNIS LEROY LARSON, B.S., University of Chicago, 1966

DENIS HOWARD LOUGEAY, B.S., 1966

ROGER HOWARD MEHL, B.S., 1966

MYRON GAIL ODELL, B.S., 1966

GARY LEE OLSEN, B.A., Northern Michigan University, 1966

CHARLES RAY ROBINSON, B.S., United States Coast Guard Academy, 1961

JACQUES MAURICE SCHMOLL, B.S., Washington University, 1962
BRUCE EARL SEELIG, B.A., University of Wisconsin, 1966
JACK HOWARD STANLEY, B.A., State University of New York (Harpur), 1963
RICHARD PAUL STEINBECK, B.S., Valparaiso University, 1965
YVONNE WILLIAMS, B.Ed., Illinois Teachers College, Chicago-South, 1962
WALTER WILLIAM ZIEL, B.S., 1966

Degree of Master of Commerce

TIEN SIEV, B.S., University of California, 1967

Degree of Master of Extension Education

WARREN WAYNE BUNDY, B.S., 1949

Degree of Master of Landscape Architecture

JERRY WOODROW FUHRMAN, B.S., Utah State University, 1966
GERALD LEWIS PLUMMER, B.S., University of New Hampshire, 1963
JOE ALLEN PORTER, B.F.A., Utah State University, 1963

Degree of Master of Urban Planning

PATRICIA ALICE BUTTON, B.Sc., University of London, 1966
KAYE BRUCE GALLOWAY, B.S., 1965
JOAN CAROL HOCK, B.A., American University, 1966
MICHAEL VINCENT LEVY, B.S., Iowa State University, 1966
ARTHUR SOL MUSCOVITCH, B.Arch., University of Manitoba, 1966
ALLAN JOHN SMITH, B.Arch., Durham University, 1963; Dipl., University of Newcastle upon Tyne, 1964

Advanced Certificate

In Education

DAN EUGENE COURTNEY, B.Ed., Wisconsin State College, 1958; Ed.M., 1967
WILLIAM ALFRED DATERS, B.S., Illinois State University, 1952; Ed.M., 1957
JOHN DONOHO, JR., B.S., Oakland City College, 1958; M.S., Southern Illinois University, 1965
DOROTHE LORRAINE JOHNSON, B.S., North Central College, 1955; Ed.M., 1965
MARY LOUISE VOSS KOLER, A.B., Ed.M., 1964, 1965
GERALDINE JOY FEINSTEIN LIEBERMAN, B.S., Ed.M., 1957, 1967
PATRICIA JOAN MALONE, B.Ed., M.Ed., Gonzaga University, 1956, 1964
DOROTHY PAKISER McNASSOR, B.A., M.A., University of Denver, 1951, 1960
KATHERINE LORRAINE NICHOLAS, B.S., Oklahoma State University, 1935; Ed.M., 1964
MELVIN ROSS PARTRIDGE, B.S., Southern Illinois University, 1959; Ed.M., 1963
EDWARD JOSEPH SCHEFFELIN, A.B., College of St. Joseph, 1952; Ed.M., 1961
SARA FRANCES SINGLEY, B.S., Morris Brown College, 1959; M.A., Atlanta University, 1965
VIRGINIA ELLEN SMITH, Ph.B., University of Chicago, 1945; M.A., University of Minnesota, 1950
JACK CARL ST. JOHN, B.S., Western Michigan University, 1950; Ed.M., 1966
CLETIS WAYNE UNDERWOOD, B.S., M.S., Arkansas State College, 1952, 1957
RONALD EUGENE VOGRICH, B.S., M.S., Illinois State University, 1958, 1961
PAUL JOHN WALLJASPER, B.S., Western Illinois University, 1951; Ed.M., 1964

In Music Education

ROBERT GORDON HOWELL, B.S., M.S., 1952, 1956
LEROY MARTIN, B.M.E., Jackson State College, 1966; M.S., 1967
GARY ALFRED THOMASON, B.Mus.Ed., Millikin University, 1953; M.S., Illinois State University, 1961

Certificate of Advanced Study in Librarianship

ROBERT OLAF FETVEDT, B.S., M.S., University of Minnesota, 1950, 1963

JOHN JOSEPH JAX, B.A., Wisconsin State University (LaCrosse), 1958; M.S., University of Wisconsin, 1959
 GEORGE THOMAS JOHNSON, A.B., Morehouse College, 1954; M.S.L.S., Atlanta University, 1957

COLLEGE OF AGRICULTURE

Degree of Bachelor of Science

In Agriculture

DAVID EDWIN AKIN	JAMES FRANKLIN HOLDERMAN, JR.
GAIL LEE ALLAMAN	JAMES ARTHUR HOLMES
LYN GALE ASH	THOMAS JAMES HUNSLEY, Honors
MERLE EUGENE ATKINS	CHRISTOPHER OKWUOLISA IKEDIOTI,
ROBERT LYLE BAINTER	Honors
RICHARD ALAN BAKER	HAROLD RONALD ISAACSON
RONALD ERHARDT BAUMAN	RICHARD NATHAN JENKINS
LAWRENCE WILEY BAXTER	LAURENCE FREDERIC JOHNSON
ROBERT CANTLEY BECKER, JR., Honors	WAYNE CARL JOHNSON
DON WALLACE BILYEU	LEONARD FLOYD JULIUS
JAMES ALLEN BOYER	JAMES CLAUDE KAGEL
JOHN LEONARD BRADLEY	KENNETH WILLIAM KAHLE
PAUL EDWARD BRATTON	LARRY GENE KAUFMANN
DONALD EUGENE BRAUER	ROBERT EUGENE KENNEDY
ROGER ALLEN BROYHILL	TIMOTHY KEYES
RONALD DENNIS BUTZOW	GLEN RANDOLPH KITSON
DONALD GREGG CARNES	RUSSELL EDWARD KOELLER
DAVID LEROY COLE	DAVID SCOTT LINDEN
ALAN DEAN COMPTON	TERRY DEAN LOCK
JOHN EDWARD CROFT	BARTON DOUGLAS MACOMBER
GLENN EDWARD CURRIE	MARK ALLAN MARCH
JAMES LESLIE DAWS	ANDREW JOHN MARIAS
RONALD CLARENCE DIETER	CHARLES QUINCY MCCLARY
ROBERT JOHN DOESECKLE	DON J. MCCUE
THOMAS LYNN DOUBET	ROBERT WILLIAM MEINERSHAGEN
ROBERT JAY DOW	DARRELL LEE MENNENGA
ARTHUR ALLEN DRACH	JOSEPH LEO MILLER
WAYNE EUGENE DUNCAN	LAWRENCE JAMES MITCHELL
EDMUND SUNNY EGOZI	JEROME WESLEY MOLLET
ROBERT LEASURE ELDER	PHILLIP RAY MOORE
DOUGLAS GORDON ELRICK	CHARLES EDWARD OLSON
RICHARD THEODORE ERICKSON	RONALD E. OSMAN
RANDALL HOWARD ERWIN	JERRY S. OYER
REYNOLDS MELVILLE EVERETT, JR.,	JOSEPH EVARIS OZOR
Honors	RONALD EUGENE PEABODY
JOHN ARTHUR FERRIS	ROSS ANTHONY PETER
PHILIP LAWRENCE FRANCIS, Honors	DONALD EDWARD PFLUM
MARK WARREN GERNAND, Honors	REX MICHAEL PIPER
KERMIT DALE GETTINGS	CHARLES LEONARD PRIOR
JUDY MCEUEN GRAY	DAVID LEE RADEL
DURWOOD NORMAN HAFENRICHTER	THOMAS HOWARD RANSON
NORMAN JOHN HARMS	DAVID LEROY REASON
DENNIS MERL HARPER	RANDALL KENT REOFFERN
CHARLES ROSS HARROLD, Honors	DAVID BRUCE REYNOLDS, Honors
SCOTT CARTER HARROLD	RONALD LEE RIFFEY
DAVID LEE HAWKINSON	JOHN ROBERT ROBERTSON
JERRY PAUL HAYNES	WILLIAM CHESTER ROBINSON, Honors
CHARLES OLIVER HEAVNER	RICHARD CLARENCE RONNA
RONALD ROY HENRICH	ROBERT DAVID ROSE
WILLIAM BERNARD HENRIKSON	GARY LEE ROTH
DOUGLAS LEE HIXON	TOM HOWARD SAWYER
THOMAS WILLIAM HOFER	WILBUR EARL SCARBOROUGH
HARLAN FRANCIS HOFF, Honors	JAMES HENRY SCHAEFGES

JOHN CHARLES SCHAFER
 CHARLES LEWIS SCHNEIDER
 ROGER EUGENE SCHNEIDER
 RANDALL LAURENCE SCHOLL
 RICHARD ALLEN SCHONEY
 EDWIN DALE SCHOONOVER, Honors
 MICHAEL JOHN SCHROEDER, Honors
 STEPHEN LAWRENCE SEHY, High Honors
 JERRY WAYNE SHIRLEY
 DALE SCOTT SIBERT
 TERRY ALLAN SIEGLER
 DENNIS MICHAEL SILBERHORN
 DOUGLAS DEAN SIMS
 KENT FOREST SLATER
 RICHARD LANE SMALLWOOD
 PAUL JOSEPH SMITH
 ROGER EDWARD SMITH
 THOMAS ALAN SMITH
 JOHN ROBERT STAGGS, Honors
 HOWARD MARTIN STANFIELD

MICHAEL HENRY STENGER
 MICHAEL CHARLES STIFF
 LAWRENCE LEE SUTTER
 BARBARA LYNN SWANSON, Honors
 JAMES RUSSELL TAFF
 LARRY CLINTON THOMAS
 RICHARD DANIEL TOMLIN
 JAMES NORMAN TRAUB
 DONALD LOUIS UCHTMANN, Honors
 KENNETH DARWIN URBAN
 CHARLES DWAYNE VOREIS
 CHARLES LYNN WASMUTH
 RICHARD LEE WHITE, High Honors
 DAVID WARREN WIEDEMAN
 KENT EVERETT WILLIS
 DONALD TALBOT WILLRETT
 DALE ALLEN WISE
 ROBERT BRUCE WOODS, Honors
 RONALD LEE YEAGLE
 GEORGE FRANKLIN YORK
 THOMAS CARLTON ZUBER

In Dairy Technology

RACHEL TOMILOLA ALADESELU
 HERBERT JOHN BAVOR, Jr.

JON TODD GEHEBER
 JAROL PAUL JOHNSON

In Floriculture and Ornamental Horticulture

DOUGLAS FRANK ANIBALLI
 LYN FRANCIS BAYER
 WALTER RAYMOND BEHRENDT, Jr.
 JAY DEAN HAGER
 PHILLIP LEE HARMS
 DEARMAND LEROY HULL

WILLIAM AUGUST MEYER, Honors
 DAVID ARTHUR NIEMANN, Honors
 RICHARD DUTTON PAYNE
 ROGER KENT RIEWERTS
 JAMES EDWARD SCHUSTER

In Food Science

DARREL EDWARD HERBST
 HERBERT HORN, Jr.
 DAVID ALAN KUNTZ, Honors

WILLIAM AUGUST MARSHALL, Jr.
 JUDY CAROL MATRAS

In Forestry

FREDERICK GEORGE BLASE
 JOHN HERBERT BLUM, High Honors
 DANIEL LEE CASSENS, Honors
 GARY WAYNE COLE
 DAVID WILLIAM CURRY
 RANDY ALLEN DUNBAR
 ROBERT CORNELL ECKERT
 RUSSELL ALLAN HIRSCHMAN
 ROBERT MARIUS KNUDSON, High Honors

BENJAMIN BERNARD KUTSCHEID
 RICHARD ALFRED LAWRENCE, High Honors
 CHARLES RAYMOND MASON, Honors
 LARRY JAMES OWEN
 PHILLIP DWIGHT POE
 GARY LAVELLE ROLFE
 WILLIAM RICHARD SCHMIDT
 ROBERT THOMPSON WILLIAMS, Honors

In Home Economics

BARBARA ANN ABBOTT
 CATHERINE WIT ALLEN
 MICHELLE HARRIET BAKER
 BARBARA ELLEN BIBLE
 PAMELA VICTORIA BOEHM
 MARY HUGHES BOWMAN
 BEVERLY ANNE BRIGGS
 MARLYN EBERT BROWN
 CHERYL JOAN BUTENSHEN
 PHYLLIS GWEN CHAPMAN
 MARY BRENT CHILDERS
 SUSAN CLARK

WANDA LOUISE CURNUTT
 SUZANNE MARIE CURTIS
 JANICE WRIGHT DAVENPORT
 JEANNE LYNN DELUCA
 DIANE GWYNNE DOBRY
 SYLVIA DEAN DOUGLASS
 AUDREY JEAN DOYLE
 SUSAN KOCH FAHLING
 JUDY ANN FORTH
 MARSHA JEAN GRAY
 CHERI JILL HARRISON
 MARY MARGARET HESSE

PRISCILLA LAING HETTLER
 JEAN HOFFMAN
 ELEANOR FRANCES HUDERA
 SHARON LYNN HUEBENER
 SHARON LOUISE JEVET
 LINDA SUE KEENE
 JANET ELAINE KELSEY
 BARBARA ANN KOSICK
 CATHERINE LOUISE LAMPRECHT, Honors
 DONNA SUE LEVIN
 JANET SUE LEWIS
 CHERYL JEANNE LINCK
 CHERYL LORRAINE LINDSEY
 LYNN FITZSIMMONS LITTLE, Honors
 MARY JO HENDRICKSON LORIMIER
 CAROL MUELLER MCCLURE
 KATHLEEN ANN MCELVEEN
 CONSTANCE PAGE MCGRADY
 BETTY JANE MEES
 LYNN KAYE MISSAL
 SUSAN RUTH MORGAN, Honors
 SUE ANN MUELLER
 CAROL ANN NESHEIM
 ARLENE JANE NIES, Honors
 JERI LYNN PARRISH

DOROTHY DIANE PAYDON
 MARY MITRICK PERISHO
 JANICE LYNN PORTER
 CAROL BOWDEN PUCKETT
 PATRICIA ROSE PUKSZTA
 SALLY ANNE RICE
 BETTE RAE ROBBINS
 SUSAN BESS SIEGAL
 PEGGY LYNN SIMON
 MARY THERESA SIMPSON
 JANET ROSE SLOBODA
 SUSAN ELIZABETH SMART
 SHEILA KAY SMITH
 MARILYN AUDREY SPEER
 LINDA ELAINE STEPHEN
 JEANNE ANN STETZLER
 BARBARA AHR SWEASY
 MARY JEAN SZEPESSY
 MARGA JENEVE THOMPSON
 HELENE URITZ
 DIANNA DUNN VEJTASA
 GLORIA JEANNE WHITNEY
 SHARON LOUISE WINELAND
 CAROL SUE WISE

In Home Economics Education

GERALDINE ANN BARTH
 CAROL ANN BROOKHART
 SYDNEY SCHMOYER DICKSON
 DIANE MARIE DORSETT
 NANCY HENRIETTA HENDRICKSON

MARY ELIZABETH MCQUEEN, Honors
 PATRICIA ANN PANISH
 KATHLEEN MUELLER REASON, Honors
 NANCY MUELLER SIMS, Honors
 PAULA REE WILLISON

In Restaurant Management

DANIEL RAYMOND KLEBER

CLIFFORD R. WENER

COLLEGE OF ENGINEERING

Degree of Bachelor of Science

In Aeronautical and Astronautical Engineering

DENNIS MICHAEL ALEXANDER
 DONALD JOE BAIRD
 JOHN PETER BARAN
 JAMES CARL BARNETT
 WILLIAM IRWIN BRODT
 PETER CONSTANTINE CARR
 THOMAS RICHARD DARNELL
 THOMAS GAYLORD DERBER
 THEODORE OTTO GUSTAFSON, Honors
 DONALD NOEL HAGSTROM
 CHARLES LAWRENCE HARTMANN
 KARL EDWARD HASZ
 LOUIS WENDELL HICKOK
 STEVEN DOUGLAS HIGHLAND, High Honors
 ROBERT EMMETT HOLLAND
 FRED MATTHEW JURAS, High Honors
 STEPHEN JULES KAPLAN
 ROGER LEE KEITHLEY, High Honors
 GUNNAR KYLLINGSTAD
 JERRY LYNN LACOST

WILLIAM ALLEN LONG
 KARL ARTHUR MEYER
 JOHN FRANCIS MICHEL
 JAMES LADDIE MIKESKA
 JOHN MICHAEL NICHOLAS
 KENNETH JAMES NORBROTHERN
 JAMES MICHAEL NOVAK, Highest Honors
 DENNIS IRWIN POWELL
 LEE BURNELL PURYEAR
 EDWARD LINDSAY RALSTON III
 RICHARD JOSEPH RAPP, Highest Honors
 EDWARD GEORGE SERGOYAN
 GERALD LEROY SIEMILLER
 DUANE REYNOLD TESKE
 FRANCISCO TORIZ
 PRESTON EDWARD UNEY
 ROBERT GENE VODICKA
 RALPH ROBERT WHITE, JR.
 CHARLES CHESTER WILCOX
 STEVEN WOODROW WILSON

In Agricultural Engineering

REYNOLD FREDERICK DURRE
KEITH HARRY HASELHORST
ROBERT PIKE KERR, JR.

JEAN-LOUIS RAKOTOMANANA
GARY WARREN TINDALL
CHARLES MICHAEL YEAGLE

In Ceramic Engineering

RONALD EDWARD AHRENS
JAMES CEDRIC BRUNNER
ROBERT EDWARD EGGBRECHT
JAMES TERRY FRAKES

KEITH ALAN HAUSCHULZ
KENNETH JOSEPH KUNA
DANIEL RICHARD OTTEN
JACK LEE SHOULDERS

In Civil Engineering

RICHARD GREGORY ANDERSON, High
Honors
THOMAS JOHN BALAMUT
WILLIAM MARSHALL BAXLEY, Honors
THOMAS BERNHARD BERNs
ALAN JAMES BLOTT
LARRY DENNIS BROOKS, Highest
Honors
LOUIS MICHAEL CASALE
RONNIE TSUNG-HAW CHEN
ANDREW CONSTANTARAS
STEPHEN GILBERT CRIPPEN
RAYMOND WILLIAM D'Aoust, Jr.,
Honors
GEORGE WILLIAM ERIO
EDWARD MICHAEL FRANK, High
Honors
ANTHONY DANIEL FREDa
JACK ALLEN GRONER
STEPHEN PAUL HEATH
KENNETH ALAN HEMSTREET
GERALD KENNETH HILL
LAWRENCE STANLEY HIRSCH, High
Honors
MELVIN LEROY HODGES
JOSEPH CARL HOVIOUS, High Honors
ROBERT LEROY JEFFERIES

CARL HOWARD JOHNSON
KENNETH ALLEN JONAK
HEINZ PETER KALETA
JOSEPH PATRICK KIMBLE
MICHAEL EDWARD LEIFER, Highest
Honors
WILLIAM THOMAS LINDQUIST
FRED DONALD MACMURDO
THOMAS WILLIAM MAGANINI
ARTHUR THOMAS McMASTER
DONALD GEORGE MILLER, JR.
DAVID LARRY MUSSA
ROBERT GERALD O'BRIEN
JOHN ELWOOD PHIPPS
MICHAEL HOLMES PRICE
KARL LAWRENCE REICHELT, Honors
BRUCE RICHARD SCOTT
JAMES DARRELL SPENCER
RICHARD FRANK STARR
KEITH WAYNE TIEMANN
HENRY BRADLEY TRAYER
RICHARD AUSTIN WEBER
RICHARD JULIUS WIESE
GARY ALLEN WILLIAMS
JOHN BRUCE WOJAKOWSKI
JAMES DAVID WRIGHT
TIMOTHY WAYNE ZEIGLER

In Electrical Engineering

BARRY STEVEN ABRAMS
PAUL ROGER AHRENS
DIMITRI THIERRY ARGOE
THOMAS WAYNE BALMA, High Honors
STUART BARAB, Honors
VERNON WAYNE BATEMAN
STANLEY TED BATHELT
JOHN FRANCIS BLECHA, JR.
GERALD WILLIAM BORSCHERS
TERRY LEE BOUNDS
JOHN EUGENE BOURGOIN, Highest
Honors
DONALD E. BREWER, High Honors
DENNIS JOHN CARROLL
KENNETH BRUCE CEASE, High
Honors
WAI-MAN WAYNE CHAN, High Honors
THOMAS DEVORE CLARK
LARRY EDWARD COREY
EDWARD WILLIAM COX, Highest Honors

THEMISTOCLES HARRY
DEMETRAKOPOULOS, High Honors
MAX RONALD DICKERSON
MARC HENRY DILATUSH
JOHN DENNIS DOSTALEK
RICHARD JAMES DuMELLE
JAMES STUART EDMONDS
NICK E. EVANGELOU
ARTHUR RICHARD FEINBERG, High
Honors
LAWRENCE GEORGE FREY
ROBERT KENYON GIBBS, High Honors
JOHN CHRISTIAN GRANGER
LEONARD DALE GREER, Honors
GARY JOSEPH GROSS
ALAN A. HALPERN, Highest Honors
CARL JOHN HAMANN, JR.
JOHN HERNDON HAMMOND, High
Honors
THOMAS FARRELL HARMON

DAVID EUGENE HEIM, High Honors
 GREGORY GRAVES HENDRICKS
 STEVEN THOMAS HIGHBARGER, Highest Honors
 DUANE EDWARD HILL
 REX AARON HINKLE, JR.
 GALE CHARLES HOLLINGSWORTH
 CLIFFORD SIAO-SING HSIEH
 DENNIS LAVERNE IMMER, High Honors
 THOMAS MICHAEL JABLONSKI
 RICHARD ALLEN JOHNSON, Honors
 THOMAS WILLIAM JOYCE
 ROMAN CHARLES KEBLIS
 ROBERT WILLIAM KENDALL, JR.
 PAUL LOUIS KLEIN
 DONALD JOSEPH KNITTER, High Honors
 WALTER ST. CLARE KNODLE, Highest Honors
 PANAGIOTIS DEMETRIOS KOURASIS
 DANIEL EDWARD KUEBLER
 STEPHEN ROBERT LAGERLUND
 LAWRENCE CHING-WOO LAM, Honors
 JAMES ANTHONY LEACH
 JOHN YUI-TONG LING
 ALBERT ON-YU LIU
 DENNIS JAMES MALONEY
 JANJAI MANOMAIPHIBUL
 ROGER ALLEN MAY
 JOHN PATRICK MCGAVIC
 ROBERT MICHAEL MCGOWAN
 CHUNG-DAU MO
 MICHAEL JOSEPH MORLEY
 ROBERT LEE MOULIC
 DAVID LLOYD MOWERY
 WILLIAM PETRING NETTELHORST
 PETER NEUHAUS
 ROBERT ALAN PAGE
 ROBERT ANTHONY PAJAK
 RAYMOND PARKER
 CHARLES PAVLAK
 RICHARD RAYMOND PODBIELSKI
 MOHAN SINGH PUREWAL
 CHARLES EDWARD RADGOWSKI, High Honors
 WILLIAM JOHN RAHE, JR.
 WILLIAM GATES RICHMOND
 PAUL SELBY RIGDON
 CARL WARREN ROSENGRANT
 ERNEST DAVID RUBY

NICHOLAS EVANS SAKELLARIOU
 LAWRENCE RAY SAMPLE
 HARRY LEE SANDERS, High Honors
 CHARLES JOHN SAUL
 RONALD WILLIAM SAVOIE
 ROBERT ELLIS SAWYER, JR.
 MATHIAS CHARLES SCHRAMER
 DOUGLAS STUART SELANDER
 DENNIS PAUL SERPICO
 PAUL GARY SHAPIN, Highest Honors
 TIMOTHY EUGENE SHARPE
 GLENN HOWARD SHERMAN, Honors
 GERALD WAYNE SMITH
 MICHAEL HENRY SNOPOKO
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 riculum

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 ences with High Distinction in the
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 ors in Liberal Arts and Sciences
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 riculum
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 ulum
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 ulum
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 tion in the Curriculum
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 ulum
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 ulum
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 eral Arts and Sciences with High
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 ors in Liberal Arts and Sciences
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 riculum
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 ulum
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 Highest Distinction in the Cur-
 riculum

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 ences with Highest Distinction in
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 ors in Liberal Arts and Sciences
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 riculum

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eral Arts and Sciences
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- ALLAN WILLIAM GEIS
 JAMES NORMAN GERBER
 NANCY LOU GIERKE
 MARK CHARLES GILLEN
 LEE MYLES GIMBEL
 CHARLOTTE ANN GIOVANETTI
 GLENN ALAN GOLBUS
 ROSALIE KOBERNIK GOLDFRIED
 GERALD THOMAS GOTTSCHALK
 JONATHAN LOOMIS GRAY
 GRETCHEN GREEN
 BRENT MICHAEL GREENBERG
 BRUCE TILDEN GROSSMAN
 ALAN DOUGLAS GRUPE
 DIANA MAXINE GUENTHER
 BEVERLY ANN GUZY
 ANITA FEINER HAMBURG
 WILLIAM RODNEY HAMMOND, Jr.
 JOYCE ANN HARANT, Honors in Liberal Arts and Sciences
 BRADLEY JAY HARRIS
 DELTON PAUL HARTFIELD
 JAMES RAYMOND HAYES
 GERALD HENRY HEISLER, High Honors in Liberal Arts and Sciences with Distinction in Psychology
 JUDY JOYCE HENDERSON
 SCOTT ALAN HENDRICKSON
 RICHARD LEE HEUSER
 HARLAN WEBB HILL
 JEFFREY CURTIS HINDMAN, High Honors in Liberal Arts and Sciences
 MELVIN PHILLIP HIRSCH
 STEVEN RAY HIRSCHTICK
 JOHN ARTHUR HOEKSTRA, with Distinction in Physiology
 GLENN PAUL HOLLANDER
 SIDNEY JAMES HOLSHOUSE
 MARY ELIZABETH HOPKINS
 JOHN PATRICK HOULIHAN, High Honors in Liberal Arts and Sciences with Highest Distinction in Psychology
 LARRY JOE HOWELL
 RONALD WAYNE JAHNS
 ALAN THOMAS JAMES, with Distinction in Geology
 FAYE LYNN JOHNSON
 MICHAEL ROBERT JOHNSON
 BRUCE RICHARD KADEN, High Honors in Liberal Arts and Sciences
 MARJORIE LYNNE KALMAN
 PHILLIP JAY KANTER, High Honors in Liberal Arts and Sciences
 APRIL AIRAN KATSURA
 PATRICK MARK KELLEY
 RONALD LEE KELLEY
 KATHLEEN BEATY KELLOGG, Honors in Liberal Arts and Sciences
 BARBARA JEAN KENN, High Honors in Liberal Arts and Sciences
 VICTORIA SYLVIA KIKUTIS
 KEITH MICHAEL KILTY, High Honors in Liberal Arts and Sciences with Highest Distinction in Psychology
 WILLIAM SIMPSON WILSON KIMMELL
 JEANNE MARIE KLAPPAUF
 JAMES JOHN KLEBEK
 ROBERT IRVIN KLINGLER
 SANDRA SEAMA KLUBECK
 CONSTANCE LOUISE KNIGHT
 GEORGE FRANK KNORPS
 ROBIN FRANCIS KNOX
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 BRUCE PHILLIP KOLTON, Honors in Liberal Arts and Sciences
 IRA STUART KOREN
 ROSLYN ALICE KOVEL, High Honors in Liberal Arts and Sciences
 MICHAEL ALLEN KREOFF
 GRAZINA LIUCIJA KREMERIS
 SANDRA MARIE KRENCIUS
 ALAN GERALD KUBBS
 LUCY SIU-BIK LAM, High Honors in Liberal Arts and Sciences
 GEORGE HORNBY LAMBERT, Honors in Liberal Arts and Sciences
 JOSEPH PAUL LAMOS
 FRED SIMON LANDIS
 ROBERT ALAN LANGEILLIER
 KIM SCOTT LARMORE
 STEVEN ERIC LARSON
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 HUGH MICHAEL LAW
 LINDA LEE LEASMAN
 SAI HYUN LEE
 ROBERT MICHAEL LEFLER
 TERRY RAY LEPPER
 HOWARD DAVIS LERNER, High Honors in Liberal Arts and Sciences
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 LAURA BRENNEMAN LEWIS, Honors in Liberal Arts and Sciences
 SCOTT WAYNE LEWIS
 JULIE RACHEL LICHTERMAN
 JEFFREY PHILIP LITMAN, High Honors in Liberal Arts and Sciences
 RICHARD ALLAN LONDO, High Honors in Liberal Arts and Sciences
 CHARLES FRANCIS LOVOLO
 JAMES ANTHONY LUCAS, Jr.
 KIRK ALLEN MACKAY, Honors in Liberal Arts and Sciences
 LIAN NORMA CHAO MACKAY
 DIANA JANE MACKIE
 ELIZABETH ANN MAGERL
 GEOFFREY ROBERT MALECHA
 PHILIP EDWIN MALINOSKY
 LAUREEN RAE MALKIN
 JOHN PORTER MARBARGER, Jr.
 MARCO JEROME MARIOTTO
 LLOYD DAVID MARQUARDT
 MARY KATHERINE MARTIN

- ROBERT IRA MARTIN, with Distinction
in Physiology
JAMES ANDREW MASTRO
JAMES TERRENCE MCCREARY, High
Honors in Liberal Arts and Sci-
ences
DUANE KEITH MCKINLEY
JANET EVELYN MCKINNEY
BRUCE ANDREW MCLELLAND
SHARON LEE MCMILLEN
MAURA ELIZABETH MCMULLEN
RAYMOND CHARLES MCNEIL
BONNIE LECKIE MCREYNOLDS
MARCIA LEE MEISNER
LAWRENCE MELICK
KARL ALBERT MEYER
PHYLLIS ANN MEYER
LINDA TRULOCK MILLER
THOMAS PATRICK MILLER
WILLIAM CLINTON MILLHOUSER
PAUL CHARLES MILLING
JOHN LEONARD MINDOCK
DONALD CHARLES MOAK
BARBARA JOLANTA MOREL
GREGORY DAVID MOSS
HENRY EDWARD MUELLER
RANDALL LEWIS MULLIN
GAIL HETHERINGTON MURFIN
DENISE IKU NAKAMURA
RICHARD EUGENE NEAPOLITAN
GUNTA LYNN NEAVILL
JACK WALSTON NELSON
SUSAN LYNN NELSON
CYD BETH NEPON
PAULA ANN NESSEL, High Honors in
Liberal Arts and Sciences
JANICE CHERYL NEWMAN
JOHN LOWELL NEWMAN
BRUCE MACKENZIE NICHOLS
MARK ROBERT NITEKMAN, High Hon-
ors in Liberal Arts and Sciences
KENNETH ALLEN NOFFSINGER
BARRY JOSEPH NOVAK
DANIEL WALTER O'CONNELL, High
Honors in Liberal Arts and Sci-
ences
EDWARD BALDWIN OGDEN, High Hon-
ors in Liberal Arts and Sciences
STEPHEN LINDSAY O'KEEFE
DOUGLAS GORDON OLSON
WILLIAM ALFRED OLSON
WILLIAM MARVIN OLSON
MARY ANNE ORAM
JO ANN ORR
ELIZABETH ANN OSBORN
RITA JOY OTTI
JERRY RAYMOND OZEE
DONALD KEITH PAISLEY
ROBERT DAVID PASSOVOY
JOHN JAMES PATERSON
JOHN AUSTIN PETERSON, High Honors
in Liberal Arts and Sciences
LINDA MARY PETERSON
WILLIAM DONALD PETTY
ELOISE DAVIS PICKARD
DIANA LEE PIEN, Honors in Liberal
Arts and Sciences
HENRY FRANKLIN PIERCE, JR.
ROBERT FREDERICK PILZ, High Honors
in Liberal Arts and Sciences with
Distinction in Astronomy
POLLYANN PIPER
ELLEN SUE PLUSKER, High Honors in
Liberal Arts and Sciences
JAMES ANTON POHNAN
FRANK SAMUEL POLIZZI, High Honors
in Liberal Arts and Sciences
ROBERT EDWARD POLLNOW
RICHARD ALLEN POPKO
OLIVIA TOBY PREBLE, High Honors in
Liberal Arts and Sciences with
Distinction in Microbiology
LINDA ROSE PROBST
DAVID ALLEN PROCHAZKA
THOMAS GEORGE PUHSE
DIANE LYNN RADER
CAROL LESLIE RAYE, High Honors in
Liberal Arts and Sciences
ROBERT ALLAN REIMER
JOHN HOWARD REISING
ROBERT MYLES REISMAN
ALAN RESNIK
ROBERT MICHAEL RILEY
DENNIS JOSEPH RISANY
GEORGE WILLIAM ROCK
SUSAN LYNNE ROOS
NORMAN DAVID ROSE
RICHARD HERBERT ROSE
STANLEY BARRY ROSSMAN
DONALD GEORGE ROWLEY
PAUL GERALD RUMORE
WILLIAM PAUL RUNDGREN
RONNA ELLEN RUUD, Honors in Lib-
eral Arts and Sciences
MARK ALAN SAGER, High Honors in
Liberal Arts and Sciences
JOHN DAVID SANDEEN
JANET LOUISE SAX
DAVID SEYMOUR SCHACHTER
CRAIG ROBERT SCHERMERHORN
WILLARD ARTHUR SCHOOLEY
JEFFREY ALAN SCHULTZ
DALE HANSEN SCHUNK, High Honors
in Liberal Arts and Sciences
JUDITH ANN SCOTT, High Honors in
Liberal Arts and Sciences
BRUCE WARREN SCOTTON, High Honors
in Liberal Arts and Sciences with
Distinction in Zoology
WILLOW HARUMI SEKIYA
VERNON ALAN SELLING
RHODA JEAN SENNELLO
JANICE LEIGH SHADMAN

- PAUL DOUGLAS SHALES, High Honors in Liberal Arts and Sciences
 ROBERT KIRKLAND SHAUGHNESSY, High Honors in Liberal Arts and Sciences with Distinction in Mathematics
 RONALD BRUCE SHIMKUS
 JOSEPH CHARLES SIDWELL
 MICHAEL GUSTAV SIEGERT
 PAUL TIMOTHY SIEMERS
 BETTIE FRANCES SILVERMAN, Honors in Liberal Arts and Sciences
 EDWARD ELLIS SIMKIN
 ROBERT BRUCE SINCLAIR
 CYNTHIA SUE SMITH
 NICKY LEE SMITH
 RICHARD CURTIS SMITH
 STUART ALLEN SMITH
 WILLIAM JOEL SNELL, High Honors in Liberal Arts and Sciences with Distinction in Honors Biology
 ALAN MICHAEL SPEVAK, Honors in Liberal Arts and Sciences
 RAYMOND GEORGE SPRIGGS, High Honors in Liberal Arts and Sciences
 LESLIE LEA SPYTKOWSKI
 PATRICIA ANNE SQUIRES, High Honors in Liberal Arts and Sciences
 MARK VERNON STARK, High Honors in Liberal Arts and Sciences with Distinction in Psychology
 DONNA JEAN STEFFENS
 ANN MITCHELL STEVENS, Honors in Liberal Arts and Sciences
 RICHARD HAL STEWARDSON, Honors in Liberal Arts and Sciences
 DONALD WALTER STEWART
 MICHAEL KENNETH STOCKDALE
 RONALD CECIL STONE, with High Distinction in Astronomy
- JEROME ORRY SUGAR
 FREDERICK RAY SUTTON, with High Distinction in Mathematics and Computer Science
 RICHARD LEE SWANSON
 RIMVYDAS JUOZAPAS TAMASAUSKAS
 RODNEY MEANS THOMAS, High Honors in Liberal Arts and Sciences
 MICHAEL TRAILOV
 FAYE SUSAN TREGER
 SHERRY NORMA VALENTINE
 JOAN ELAINE VAN HAREN
 JOSEPH LOUIS VELAZQUEZ, High Honors in Liberal Arts and Sciences
 VICTORIA ANN VOLLRATH
 JAMES LOUIS WADINGTON III
 ALAN JOSEPH WALLACE, High Honors in Liberal Arts and Sciences
 JOHN RUDOLPH WALLIN
 SHERYL LYNN WALTER
 JUDITH ANN WAREHAM
 KATHLEEN SHARON WEBB
 THOMAS LEROY WEST
 JEFFREY EUGENE WHITE
 BARBARA LILLIAN WIDMER
 ROBERT FRANKLIN WILLEY, High Honors in Liberal Arts and Sciences
 PAMELA KAY WILSON
 BARBARA MARY WITCZAK
 DONNA LEE WITSKEN
 GARY AUSTIN WITT
 JERROLD STEVEN WITTERT, High Honors in Liberal Arts and Sciences
 MARIAN KAY WOGULIS
 JAMES ARTHUR YOUNGQUIST
 CONRAD HENRY ZIERDT III
 PAUL RAYMOND ZOPOLSKY, High Honors in Liberal Arts and Sciences

In Physics

- JOSEPH JIM-SAI AU, High Honors in Liberal Arts and Sciences with Distinction in the Curriculum
 THOMAS MICHAEL BALLANCE
 ROBERT CHARLES BIRTCHER
 GLEN HAMILTON DAHLBACKA, with Distinction in the Curriculum
 JOHN EUGENE DAILY, High Honors in Liberal Arts and Sciences
 DAVID EUGENE ECKELS, High Honors in Liberal Arts and Sciences with Distinction in the Curriculum
 ANNADELL HOLLIDAY FOWLER, Honors in Liberal Arts and Sciences
 BILL WING FUNG
 CHARLES EDWARD HENDRIX, High Honors in Liberal Arts and Sciences
 ROBERT ALAN HOFFMAN, High Honors in Liberal Arts and Sciences with Distinction in the Curriculum
- FREDERICK TONY JEZIOR, High Honors in Liberal Arts and Sciences with Distinction in the Curriculum
 ROBERT STEPHEN KASS, High Honors in Liberal Arts and Sciences with High Distinction in the Curriculum
 STEPHEN EDGAR KNISS
 WILLIAM JOSEPH MINISCALCO
 DOUGLAS STANLEY PETERSON
 CARL HENRY SCHOTTMAN
 JEFFREY TERHUNE SIMMONS, High Honors in Liberal Arts and Sciences with Distinction in the Curriculum
 JERRY LEE SMILEY
 ROGER LEWIS SMITH
 LARRY WILLIAM YOUNGREN
 GARRY ROBERT ZVAN

In Speech Correction

MARY JANE CELEBUCKI, High Honors in Liberal Arts and Sciences with High Distinction in the Curriculum
 LEE ANN DIETER, High Honors in Liberal Arts and Sciences with High Distinction in the Curriculum
 JOAN MARIE HANNAGAN
 STEPHANIE HIRSHENSON
 JUDITH MAE LENNERT
 HONORE CAROL MADURA
 SUSAN MARIE MAIER
 SUSAN JANE ROSENBAUM, with Distinction in the Curriculum
 ANNE JANICE SCALISE
 PAULA JUNE SCHWENK, with Distinction in the Curriculum

CAROL LEE SHTRIKER, with Distinction in the Curriculum
 CAROL JEAN SHYER
 SHARON JUDITH STRAUSS, High Honors in Liberal Arts and Sciences with High Distinction in the Curriculum
 CONNIE WITTENBERG VAN HAGEY, High Honors in Liberal Arts and Sciences with Distinction in the Curriculum
 PHYLLIS WEISS, High Honors in Liberal Arts and Sciences with High Distinction in the Curriculum
 MARIAN LEE WESSELS
 VICTORIA LOUISE WHITMAN

In the Teaching of the Biological Sciences and General Science

VIVIAN PIEPRZAK BEJCEK, High Honors in Liberal Arts and Sciences with Distinction in the Curriculum
 SUSAN RUTH BORRE, High Honors in Liberal Arts and Sciences with Distinction in the Curriculum
 CHERYL ANN CHRISTIANSON, High Honors in Liberal Arts and Sciences with Distinction in the Curriculum
 LINDA JO GADY

CHRISTINE PATTON JEFFERY
 JOANN LORRAINE MAXWELL, High Honors in Liberal Arts and Sciences with High Distinction in the Curriculum
 MARTHA SUE POWEL
 NANCY ANN TURNBULL
 SUSAN AGNES WALL
 VIVIAN LEE WARD

In the Teaching of Chemistry

CELESTE LYNN STEPIEN, with Distinction in the Curriculum

KATHLEEN ANN TANGNEY, High Honors in Liberal Arts and Sciences with High Distinction in the Curriculum

In the Teaching of Earth Science

DAVID LEE SIEFKEN

In the Teaching of Geography

JEANNE ELIZABETH LAVANDER

In the Teaching of Mathematics

ANITA NATALIE BENSON, with Distinction in the Curriculum
 REBECCA DELORES BOCK
 RUTH JOYCE BRADY, High Honors in Liberal Arts and Sciences with Highest Distinction in the Curriculum
 ELAINE BREWE
 PATRICIA JEAN BURNS, Honors in Liberal Arts and Sciences
 CAROLINE JEANNE DETAR
 KAREN GILBERT, High Honors in Liberal Arts and Sciences with Highest Distinction in the Curriculum
 BARARA GAIL HECHT, High Honors in Liberal Arts and Sciences with Distinction in the Curriculum
 CELIA LOBOSCO, High Honors in Liberal Arts and Sciences with Distinction in the Curriculum

MARIE STELLA LUDMER, High Honors in Liberal Arts and Sciences with Highest Distinction in the Curriculum
 MARTHA MAULDING
 KRISTINE ANN MCCONACHIE
 MARY CATHERINE MCNAMARA
 GRETCHEN POTTER NORTON
 MARGIE ELLEN NOVAK
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 MARILYN JEAN SEITZINGER
 SALLY JEAN SERGEY, High Honors in Liberal Arts and Sciences with Highest Distinction in the Curriculum

KAREN WILDE STEPPER, High Honors
in Liberal Arts and Sciences with
Distinction in the Curriculum

JUDITH PAULINE VYSKOCIL, High Honors
in Liberal Arts and Sciences
with Distinction in the Curriculum
CYNTHIA RUTH WINTERS

In the Teaching of Physics

WARREN JAMES BAXTER, with Distinction
in the Curriculum
HAROLD VINCENT MULDERINK

STANLEY EDWIN SUTHERLAND, High
Honors in Liberal Arts and Sciences
with Highest Distinction in
the Curriculum

COLLEGE OF LAW

Degree of Juris Doctor

MELVYN ALLEN ABRAMS, A.B., 1965
DIRDIRI IBRAHIM ALI, Dip. Arts, University of Khartoum, 1956
GARY ALLYN ANDERSON, A.B., St. Cloud State College, 1962
BORIS ROMAN ANTONOVYCH, A.B., 1965
REX ODELL ARNEY, A.B., A.M., University of Wyoming, 1962, 1963
WILLIAM LEE BALSLEY, A.B., 1965
STEPHEN IRVING BARDIGE, A.B., MacMurray College, 1965
GLEN ROBERT BARMANN, B.S., Northern Illinois University, 1965
HENRY PHILLIP BECKER, B.S., University of Pennsylvania, 1965
EDWARD RONALD BEEKS, B.S., 1965
JAMES ANTON BEITZ, B.S., Bradley University, 1965
JOHN HERBERT BENNETT, A.B., Duke University, 1965
MICHAEL ROBERT BERMAN, A.B., 1965
LYNN J. BERSCHE, A.B., Southern Illinois University, 1965
LARRY DAVID BLUST, B.S., 1965; High Honors
CARL ALLEN BOCK, B.S., 1965
TERRENCE JOSEPH BRADY, A.B., College of St. Thomas, 1963
GEORGE DOUGLAS BROWNING, B.S., Millikin University, 1965
RAYMOND JOHN BYLINSKI, A.B., University of Notre Dame, 1965
KEITH ALAN CHRISTENSON, A.B., St. Olaf College, 1964
DANIEL SAGE CHURCHILL, A.B., Augustana College, 1965
DAVID LEE COOGAN
RICHARD WADE COSBY, A.B., University of North Carolina, 1965
LAWRENCE IGNATIUS CRISANTI, A.B., Xavier University, 1965
PETER JOHN CROWLEY, B.B.A., University of Notre Dame, 1965
ARTHUR DANNER III, A.B., 1965
WILLIAM CAMERON DAVIDSON, A.B., Bradley University, 1965
GERALD ALLEN DRENDEL, A.B., Cornell College, 1965

MARTIN PATRICK DYER, A.B., 1965
SANDRA BABICK EDWARDS, A.B., 1965
WALTER MICHAEL EISIN, JR., A.B., College of the Holy Cross, 1964; A.M., Boston University, 1965
THOMAS SULTAN EISNER, A.B., 1965
JOHN WESLEY ENGLISH, JR., A.B., 1965
DAVID ANTHONY EPSTEIN, B.S., 1965
MICHAEL HENRY ERDE, B.S.B.A., Washington University, 1965
JOHN WILLIAM ERMELING, A.B., Western Illinois University, 1964
JAMES HARRY FELDMAN, A.B., Tufts University, 1965
EDWARD CARLIN FERGUSON, A.B., Northwestern University, 1965
JAN VICTORY FISS, A.B., Arizona State University, 1965
CARL ROGER FLEETWOOD, A.B., Western Michigan University, 1965
WESLEY FRANCIS FONG, A.B., University of Hawaii, 1965
PAUL CHRISTOPHER FORBRICH, A.B., Marquette University, 1962
HARRY JAMES FOX, A.B., Knox College, 1965
JAY ALLAN FRANK, A.B., 1965
DALE EDWARD FREDERICKS, B.S., Bradley University, 1965
HAROLD JAMES FROBISH, A.B., 1965
EDWARD JOHN GAC, A.B., Western Illinois University, 1965
DALE ALLEN GARWAL, B.S., University of Southern California, 1965
FREDRICK ANTON GEIGER, A.B., DePauw University, 1965
THOMAS PETER GLASS, A.B., 1965
THOMAS JEFFERSON GOODWIN, B.S., University of Oklahoma, 1962
DANIEL WILLIAM GOULD, B.S., Northern Illinois University, 1965
DELMER CHARLES GOWING III, A.B., DePauw University, 1965
GARY FAYE GRAMMER, B.S., Northwestern University, 1965
CHARLES LEON GREEN, B.S., 1964
LAWRENCE EDWARD GRELE, B.S., Northwestern University, 1965

- ROBERT JOHN HAJEK, A.B., Loras College, 1965
 ROBERT LEE HAMILTON, A.B., 1965
 PAUL MILLARD HARMON, JR., A.B., University of Dubuque, 1964
 DARRELL LEE HARTWEG, A.B., 1964; M.S., University of Iowa, 1965
 THEODORE RICHARD HARVEY, JR., A.B., 1965
 RONALD HERMAN HAUSCH, B.S., 1964
 STEPHEN DOUGLAS HELM, B.S., Millikin University, 1965
 SCOTT LORING HILLSTROM, A.B., DePauw University, 1965
 KENNETH LEWIS HIRSCH, A.B., 1965; Honors
 HOWARD LEE HOOD, A.B., Southern Illinois University, 1962
 GARY BLAINE HURT, B.S., Miami University, 1963
 ALLEN FRANCIS JACOBS, A.B., Drake University, 1965
 WILLIAM GEORGE JENNINGS, B.S., 1965
 JOHN ARTHUR JENSEN, A.B., College of the Holy Cross, 1965; Honors
 ROBERT WILLIAM JESSUP, B.S., Northwestern University, 1965
 EVAN HOWARD JOHNSON, B.S., Rose Polytechnic Institute, 1965
 WORTH ARVID JOHNSON, A.B. Northwestern University, 1965
 GLENN LYLE JOPPA, B.S., Northern Illinois University, 1965
 RICHARD ABEL KABAKER, A.B., 1965
 HENRY CARL KARLSON, JR., A.B., 1965; Honors
 CHARLES WARREN KOHR, B.S., 1965
 DON EUGENE KRAMER, B.S., 1966
 ALFRED BAKER LABARRE, B.S., 1965
 GERALD RAYMOND LANTER, B.S., 1965
 REINO CHARLES LANTO, JR., A.B., 1965; Honors
 LAWRENCE WILLIAM LECK, A.B., Michigan State University, 1965
 STUART Z. LINDENBERG, A.B., University of Michigan, 1964
 WILLIAM MICHAEL LLOYD, A.B., Knox College, 1965
 RODNEY HAMILTON LOY, A.B., Knox College, 1965
 ARNOLD SCOTT MADSON, A.B., 1965
 DALLAN WILLIAM MARTIN, A.B., Northwestern University, 1963
 JAMES CECIL MARTIN, A.B., Knox College, 1965
 JOHN WALTER MATHERS, B.S., Marquette University, 1965
 JOHN JOSEPH MCCARTHY, B.S., College of the Holy Cross, 1965
 TERRY KAY MCCLUSKEY, A.B., Loras College, 1965
 ROBERT GORDON MCLENNAN, JR., A.B., Cornell College, 1965
 MARVIN IRA MEDINTZ, A.B., 1965
 EDWARD BENJAMIN MEHLMAN, A.B., Washington University, 1965
 MITCHELL JAY MELAMED, B.S., 1965
 EDWARD PAUL MILLER, A.B., Gannon College, 1965
 GEOFFREY CHARLES MILLER, B.S., 1965; Honors
 LAWRENCE THOMAS MILLER, A.B., Marquette University, 1965
 STANTON BERNETT MILLER, A.B., Miami University, 1965
 EMERSON LOGAN MOORE, A.B., Brown University, 1965
 JOHN STANLEY MORRISON, A.B., Colgate University, 1965
 DEAN ALLAN NANCE, B.S., 1965
 JERRY LOUIS NEWMAN, A.B., Bradley University, 1965
 JAMES LEONARD O'BRIEN, A.B., St. Ambrose College, 1961
 DWIGHT HERALD O'KEEFE III, A.B., Southern Methodist University, 1965
 MARC M. PEKAY, A.B., University of Michigan, 1964
 THOMAS ARTHUR POLACHEK, A.B., Michigan State University, 1965
 JOHN HOWARD POLLAK, A.B., University of Michigan, 1964
 CARMEN JOSEPH POLO, A.B., MacMurray College, 1965
 MICHAEL CHARLES POPER, B.S., 1965
 JOHN WILLIAM PRAGER, JR., A.B., University of Kansas, 1965
 MAXIMILIAN MICHAEL PRUSAK, B.S., 1965
 MELVYN ALLAN RIEFF, A.B., 1965
 JOHN McMINN RIPLEY, A.B., Westminster College, 1965
 JOHN CURTIS ROBISON, JR., A.B., 1965
 JOHN ANDREW RUPP, B.S., Indiana University, 1965
 RICHARD WILLIAM SANDROK, A.B., Wheaton College, 1965
 GERALD WILSON SAUNDERS, A.B., Emory University, 1964
 RONALD BRUCE SCHERTZ, A.B., Goshen College, 1958
 NEILL PAUL SCHURTER, A.B., MacMurray College, 1965
 EDWARD GEORGE SCHUSSLER III, A.B., DePauw University, 1965
 WILLIAM ELLIS SISLER, A.B., University of Iowa, 1965
 ALAN ELLIOT SOHN, A.B., 1965
 PAUL KELLY SORENSEN, A.B., DePaul University, 1965
 BRUCE ALLEN SPEAR, A.B., 1965
 LARRY DUNCAN SPEARS, A.B., 1963; M.S., University of Tennessee, 1965
 ROBERT JAMES STEIGMANN, B.S., 1965

ROBERT EUGENE STEINHAUS, A.B., Mac-
Murray College, 1965
ARTHUR ROE STRONG, A.B., State Uni-
versity of New York at Buffalo,
1965
RICHARD WILEY SWEAT, A.B., Ohio
Wesleyan University, 1965
MICHAEL MARK TARNOW, B.S., Wayne
State University, 1965
EVAN EDWARD THOMAS, A.B., Illinois
College, 1965
HUGH BLAKE THOMAS, A.B., DePauw
University, 1965
JON EDWARD THOMPSON, A.B., 1965
JULES MICHELET TRAXLER, A.B., Shimer
College, 1965
GEORGE SPENCER TREES, JR., A.B., Am-
herst College, 1965

MICHAEL EDMOND VAN DE KERCKHOVE,
A.B., St. Ambrose College, 1964
WILLIAM DALE VEDRAL, A.B., 1965
RICHARD EARL VOSEPKA, JR., A.B.,
University of Iowa, 1965
ALAN DAVID WALKER, A.B., Southern
Illinois University, 1965
JAMES GORDON WALKER, B.S., 1966
WARREN JOHN WEST, A.B., 1965
GERRY VAN WITTKAMPER, B.S., North-
western University, 1965
LLOYD YOST, A.B., 1965
RICHARD GORDON YOUNG, B.S., Univer-
sity of Rochester, 1965
CHRISTOPHER JOSEPH ZAJIC, B.F.A.,
1950
FREDRIC JOHN ZEPP, A.B., 1965; Honors

COLLEGE OF EDUCATION

Degree of Bachelor of Science

In the Education of the Deaf

PAMELA RENEE BERLIANT
SYLVIA IDA DRELICH, Honors
JOANNE MARIA EZAN, Honors

MAUREEN LANDER
INEZ CHERI SOIFER, High Honors

In the Education of Mentally Handicapped Children

JOAN MARSHA ARTSTEIN, Honors
JOYCE ALENE BLUME
MARY JANE GILBERT BUCHANAN
AMY LOU GOSIN
VIRGINIA MCCARTHY GUBSER, Honors
PAULA CORRINE HERMAN
JUDITH ALICE HOLZMAN
MARY ANN JONES, Honors

ARLENE JACOBSON LIPZIN, Honors
MARY ANN LYNN, Honors
CHERYL FRAN PORT
NANCY HELENE ROVIN, High Honors
SARA JANE SCHAUB
KATHLEEN LUCILLE SHERIDAN
MARILYN RICKS TROTTER
MARCIA EDELSTEIN WEISSMAN, High
Honors

In Elementary Education

CAROL JEAN ANDERSON
ELIZABETH HOPE ANDERSON
DONNA PEARLSTEIN ARQUILLA
MARCIA BAGAN, Honors
ROBERTA LOUISE BALL, Honors
SHERRY KAY BANDY
MARY VIRGINIA BARTOLI
CLAUDIA ELAINE BATISTA
CHERYL EWING BAUER
KAYE MAXINE BEAN, Honors
SANDRA SUE BELDEN
TRUDY JANE BENTSON
MYRNA LYNN BENTKOVER, High
Honors
NAOMI HARRIET BERNSTEIN, Honors
RONNA JANE BLOCK
GAYLE CORINNE BORGESON
SUSAN KAY BRADEN
CAROLYN SUE BRADFORD
JANICE EILEEN BRICKER
JACQUELINE JANE BRITTON
RENA SHARON BRONER

EILEEN CLARICE BROWN
JEAN ERICKSEN BUCHIK
ANNE LAURETTE BYERLY
ROSE MARY CARTMILL
MARY LOU CAUGHRON
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SILVIA TIANO COTE
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BARBARA HONG DICKERSON
CAROL LEE DICKERSON
NORA ELLEN DOBDA
ROZANNE DOSICK, Honors
MARY ANNE DUIS
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VIRGINIA ANNE EKROTH
CECELIA ELKIN
LINDA JO ELSNER

ELANA SUE ENGELKING
 MARIAN LYNN EPSTEIN
 SUSAN HEDY ERLANGER
 JUDITH ELLEN ESHKON
 MARY JANE FAORO
 SARAH JANE FINAZZO
 INEZ LEE FINE
 FRANCINE GRACE FINN
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 RHODA ILENE FRIEDMAN
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 SUSAN HELEN GOLDBERG
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 LAUREL ANN HAMPA
 JANET HALL HARGIS
 SUSAN BOYD HEIPLE, Honors
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 ELAINE ALVINA HENCLEY, Honors
 MILDRED BIBLY HENLEY, Highest
 Honors
 ANN HERMAN, Honors
 ARCHANNA HODGSON
 YVONNE VALDES HOLLINGSWORTH
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 MARCIA LYNN HULL
 LOIS JACOBS, High Honors
 NANCY LOUISE KANE
 BARBARA ANN KANIK
 RHONDA MERLE KASIK
 RONNA HOPE KATZ, High Honors
 JOANNE WALTERS KELLY, Honors
 BARBARA CAROL KERR
 KAREN GAIL KIPNIS
 DEIDRA OVELMEN KNOLL
 DIANE JODY KOPPMAN
 LINDA KAY LAMONT
 JANET KAPLAN LAPIDOS
 VICTORIA JOANNA LEA
 NANCY ROSS LEE
 JANET KAY LEVIN
 JOYCE GAIL LEWIS
 LAUREN ELLEN LEWIS
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 ARLENE NOMA MASLOWSKY
 LYNNE JOYCE MASOVER
 ADRIENNE MEISEL
 SUSAN ANN MERZ
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 JANE ELLEN MOTZNY

LENKA MARIE MUNTNYAN, Honors
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 WILLO ELLA NIEBOW
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 RONNA H. NUDELMAN
 WILMA LUCILLE O'BRIEN, High Honors
 BONNIE BEL ODEGAARD
 PAULETTE GAIL ONGENA
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 JUDITH AMES PAUL, High Honors
 ILONA MILENKA PINZKE
 DANITA KATHLEEN POTEMPA, Honors
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 DIANE CAROL REICHERT
 PHOEBE KAMELAKIS RIZOS
 LESLIE GAIL ROTH
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 SUSAN RUDMAN
 RITA MARY RYAN, Honors
 PATRICIA ANN RYDBERG, Honors
 JANET WAYHAM RYDER
 SUSAN LEVY SCHOMER
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 JOANNE LEE SHAPIRO
 WENDY NANCY SHEVIN
 LINDA SUE SHOTKE, Honors
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 SANDRA JOY SIGOLOFF, Honors
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 JUDY KAY STEFFENS, Honors
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 SUSAN GAY STOLAR
 ROSALIND SALLY TANANA, Honors
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 NANCY RUTH TEMPLE, High Honors
 KATHLEEN THERESA TERRY, High
 Honors
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 SANDRA KAY THAYER TOMKO
 SALLY JANE TROTT
 CHARLENE RITA TUCKER
 NANCY JEAN TURNER
 MARY ANN GREICIUS VOREIS
 MARY ELIZABETH WANDER
 JEAN PRISCILLA WARMBOLD, Honors
 BARBARA JEANNE WEINAND
 BETTE MAXINE WEISBERG
 LOUISE ELLEN WERITZ
 JEAN ALAYNE WETTERLING
 LYNNE PATRICIA WETTERSTEN
 JUDITH SPENCE WILKIN
 MARY ELIZABETH WILLIAMSON
 JACQUELINE KAY WILSON, Honors
 JEAN ELLEN WITHEE, High Honors
 ELLEN MIES WOODS, Honors
 DEBRA LYNN YANOWITZ
 ANN MICHELINE ZALSKI
 TRUDY ZELKIN, Honors

In Industrial Education

JOHN JOSEPH BEDLEK
ALLEN HARVEY GABLESON
DANIEL ROBERT INMAN
JAMES ALBERT LESNIAK

EDWARD LEE LYNCH
NORMAN JOHN SOHAN
DENNIS FRANCIS VAN MEENEN

In Secondary Education

NANCY JEAN ADAMSON
BRIAN JOSEPH BAUER
GARY ELWOOD CRAKES
MERLYN GLENN EARNEST
VINCENT ARCHER EGAN
RICHARD ALLEN GIBSON
EDDIE LEE HECKERT
MARYJEAN ANNE HYLAK
KENNETH LEONARD KOWALSKI
RACHEL DAWSON MARTIN
FRED STEPHEN MIERZWA

KAY ERLINE MOODY
STEVEN HAROLD PICKETT
VINSON BEE REYNOLDS
RONALD EUGENE SAUBERLI
DAVID PAUL SCHAFFER
EDITH SIMKOVICH, Honors
PHYLLIS JANE STOUT, Honors
JEAN ANN SWANSON
ROGER WAYNE TICE
FRANCINE VICKERY

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

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DENNIS EARL ARMSTRONG
STEVEN JAY BAHRMASEL
LEE RICHARD BARBAKOFF, Honors
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JAMES PATRICK BRAY
MARTIN JAMES CAMPANELLA, High Honors
JOHN PAUL CASTRO
SEYMOUR ELLIOTT COLEMAN
CHARLES WARREN EDWARDS
CRAIG RUSSELL EHLEN, Honors
JAMES MASON EUSTICE
ROBERT ARNOLD FERENCZ
DARLENE JO FERRANTINO
DAVID CAMPBELL FISHER, Honors
JEFFREY ELTON FLEMING
DAVID FRIEDMAN, Honors
GLORIA ANN GALINSKI
BERT HENRY GIDEON
MARK EDWARD GOLDMAN
GILBERT HOWARD GREENE, Honors
WILLIAM HOWARD GRIFFITH, Honors
THOMAS ALLAN HANLON
STEVEN ALLEN HASSEBROCK, Honors
JOHN THOMAS HIGHTOWER
NANCY JEAN HILGER
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BRUCE FREDERICK HUBBELL
CHARLES WILLIAM JACKSON, Jr.
JAMES JOHN JACKSON, Honors
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ROSEMARIE JOHNSTON
ROBERT ORMAN KAISER, Honors
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JOSEPH MARK LISS, Honors
RICHARD ALLEN MAMER, Honors
STANLEY ALLAN MARTIN
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DONALD JOHN MEYER
WILLIAM EDWARD MULTACK
JOHN THOMAS MURRAY
ROBERT BENJAMIN NADLER
RICHARD DALE NEECE
MACAULAY UMUNA NWABARA
RONALD CARL OGNAR
JOHN WILLIAM OZAG
BARRETT RAY PETERSON, Honors
ROBERT ALLAN PETERSON
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ROBERT JOHN PHIPPS
GLORIA JEANNE PITMAN
STEPHEN WILLIAM ROARICK
MICHAEL ZACHARY ROCKIN
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MARK SAUER
BRUCE CHARLES SCHIFF
BRUCE ROGER SENT
KENNETH RAY SIRESS, Honors
JOSEPH RICHARD SITAR
ROBERT AARON SMOLLER
MARION JOHN SZCZECZ
ARTHUR JOSEPH TANDY, Honors
LEON JOSEPH TWERSKY
ROBERT JOEL WHITE, Honors
THOMAS ANTHONY ZELNIO
CHARLES RICHARD ZIEGLER

In Commercial Teaching

DONNA JEAN DRAKE
JUDITH KATHRYN HENNE

CHARLENE HARRIET LINICK, Honors
DIANE LOUISE MOORE

NANCY DAVIS PACE, Honors
KATHRYN COMPARINI PIERCE

JAYNIE LEE WICHMANN

In Economics

TIMOTHY MASON BATES, Honors
OWEN CHARLES JOHNSON, JR.
JAMES BRUCE KIRK
FRANK MILES III, Honors
GEORGE FRANCIS MORIARTY

JOHN RANDOLPH PAYNE
RICHARD WILLIAM PRENDERGAST
DENNIS MICHAEL SARSANY
TERRENCE GEORGE WITT

In Finance

MICHAEL PHILIP AXELRAD
ELLIOT MICHEAL BERCOVITZ
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EDWARD HAROLD ENDERS
ROBERT RENARD FOWLER
GORDON JEREMY GREENE
PAUL FREDRICK JENSEN
RENA TE INGRID KALISCHEK
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RANDOLPH ANTHONY MARSH
CEDRIC VON MAYS

JOHN WALLACE MULLIKEN
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VINCENT ROBERT OFFERMAN
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ANITA KAY TRIPP
JERRY LYNN TURNER, Honors
FREDERICK MICHAEL WILKINS

In Industrial Administration

WARD SANFORD ARNOLD
GEORGE ROBERT BIDERMAN
GEORGE EDWARD BUCHIK
GERALD LEON CORDIS
PAUL LELAND CORNUE
FRED CUSTARDO
SCOTT BARRIE DIAMOND
JOHN MITCHELL DUNCAN
JOHN WARD FENTON
WILLIAM SUMMERS HAMILTON
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ROBERT DOUGLAS INGRAM

DAVID LEE JOHNSON
VINCENT ANTHONY LAUTER, JR.
SEYMOUR AARON LEVINE
ROGER LEE LUMAN
ALLAN RICHARD MACHAT
KEITH ROBERT MANGOLD
LEONARD SHELTON MASLOWSKY
MERLE GENE ROCKE, High Honors
STEPHEN ALEXANDER SMITH
MERRILY ANN STEINFORT
RANDALL KENNETH UNTER

In Management

DWAIN STUART ALBRECHT

In Marketing

JANET SUE CABANISS
KRISTEN SKOV HAGEN
JAMES ALBERT HOPWOOD
KAREN EVELYN KEPFORD
GARY REUBEN KLEIBER, Honors
RICHARD KENT ROBINSON

CONNIE LYNN RUDSINSKI
BRIAN JOEL SILVERMAN
NICHOLAS CRAIG STAHL
RICHARD MCEWEN SWANSEN
DAVID SIGMUND WILLENZIK

In Secretarial Training

VICKI LYNN HUFF

BARBARA ANN KELLERT

COLLEGE OF JOURNALISM AND COMMUNICATIONS

Degree of Bachelor of Science

In Communications

TUREE LEE ALLISON
CYNTHIA SUE ASH
MILDRED ANN BAKER
MARGARET COX BALDWIN
JANE LOIS BALLETT, Honors
DANIEL JOHN BALZ
LAUREN ANN BATEMAN
KENNETH WILLIAM BLAN
CAROLE JEANNE BOLSTER

GEORGIA FRANCES BOORAS
MICHAEL FRANCIS BRAND
NICHOLAS WINTER BRIDGE
DONALD RAY BRIGGS
THOMAS GEORGE BURCH, JR., Honors
GEORGE EMIL CAGALA
CYNTHIA RUTH CONN
ANNE REID DALLMAN
ANDREW DAVIS

SHEILA MARY EAPEN
 SUSAN JANE ENGEL
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 ELIZABETH LUCILLE FITZPATRICK
 NANCY JOAN FREIFELD
 STEPHEN ALAN FREW
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 D'ARCY SUZANNE GUERIN
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 SHELDON DALE KIRSCH
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 TIMOTHY FRANK MOORE
 JEFFREY ROBERT MUISE

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 ELAINE ANITA NEUBAUER
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 JAMES EDWARD PARRY
 MARGARET SUE PEASLEY
 KAREN BETH PENNINGTON
 LOUISE BRECKEL PETERS
 MARIAN JOAN PORCH
 GWEN ELAINE POTUCEK
 BETTY ANN PROCHASKA
 PHYLLIS ANN RAHTERT
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 JOHN HURD SAXTAN
 FRANCIS CARL SCHENCK
 GUY ERIC SERUMGARD
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 EDWARD JAMES STUPPY
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 GLENN ROBERT TROESTER
 MARSHA JANE UPSON, Honors
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 EILEEN ANNE WATT
 DONALD ROBERT WHITE
 JEFFREY LOUIS WHITE
 SANDRA GALLAGHER WOLKEN
 MICHIO YAMAGUCHI
 DIANE ILENE YUDOW
 BRUCE LANE ZUMSTEIN

COLLEGE OF FINE AND APPLIED ARTS

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 HIROMI ASANO
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 THOMAS PETER BERRY
 KENT ALAN BRAUNER
 LUTHER GORDON BUCY, Honors
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 EVERETT WAYNE CONWAY
 ROGER CHARLES DAVIS
 WILLIAM BARCLAY GILL
 STEPHEN HAROLD HAGEN
 RICHARD ALAN HARRISON
 ROBERT HERSHEY HENDERSON
 WALTER WERNER HULTSCH
 ROBERT DARRELL HUNTER

ALPHONSE ARUNAS ILEKIS
 WALTER NEAL JACKSON
 ROBERT ANTHONY JAYDOS
 DAVID LEE JENKINS
 JONATHAN PARHAM JOHNSON
 DENNIS EDWARD KAJMOWICZ
 MICHAEL EVANS KANDRAC
 DENNIS MICHAEL KELLY
 DALE ELMER KOSTNER, Honors
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 JAMES JEROME MOYNIHAN
 BRIAN GEORGE NOVAK
 ANTOINE ELIAS RAFFOUL
 PETER ALAN ROTHBERG
 WILLIAM HOWARD RUSSELL, Honors

RICHARD ALBERT SALOGGA, High
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DAVID CHARLES SLATTERY, Honors
JAMES DOUGLAS SMITH, Honors
JAMES ELMER SPAREBUS
JUAN EULOGIO TAKIZAWA

RANDOLPH FRANK THOMAS
THOMAS WILBUR THORPE
GEORGE DIMOGRITOS TSENES
LAURENCE EUGENE VAUGHN
MICHAEL LEE WARD
ROBERT YOUNG

Degree of Bachelor of Fine Arts

In Art Education

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PHILLIP CHARLES DUNN
DAVID CLYDE FREEMAN
KAY SCHWALBACH GONZALEZ, High
Honors
OREN SYDNEY JOHNSON
CAROL DREYER KENNEL, Honors

FREDRICA ANNE KUPPERMAN
HOPE GALE NICHOLAS
MICHAEL ALLAN PACE, High Honors
BARBARA LEE RUTLAND, Honors
RONALD JACK SALERNO
CAROL LEE SEARCH, Honors

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WILLIAM EDWARD HAGERUP, JR.,
High Honors
JOYCE MARIE MOTY

PHYLLIS ANN PACIN
JOSEPH ROBERT ZELLER

In Graphic Design

MARY JO ANNIS
JANET LOUISE BAILEY, Honors
MICHAEL JAMES BERRY, Honors
LIA FATIMA BROWN, High Honors
PATRICIA JON CARROLL
PATRICK JAMES COLLINS
SUSAN GAIL DRAUT
NANCY SUE FLAKS, Honors
JEAN JANSEN GOODWIN
JANIS VALENE HYNÉ, Honors
LINDA RAE KONITZ

MARGARET FRANCES MICHELS
TODD RICHARD SANDERS
MARY CHRISTINE SCHAEFER, Highest
Honors
ROBERT PAUL SWEASY
ELSA MARGARETANN THEILE
RICHARD JOSEPH TOKESHI
CHERYL MAE WASETIS, High Honors
JAMES RANDAL WESTERGREEN
GARY EUGENE WILHAM, Honors
CSABA ZONGOR

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JEAN LOUISE ADAIR
BARBARA ANNE GREEN, High Honors
JOSEPH DONALD HUBBARD

JUDITH ANN KLEINSORGE
HELEN MARGARET MANNER, Highest
Honors

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JOHN RICHARD BAILLEU
RAYMOND EDWARD BENSON
EARL EDWIN BERKUN
GORDON BOEHM
HANS RUDOLF GUNDERUD
CHARLES HENNIGHAUSEN
FRANK WILLIAM JOHONNOTT

STEWART ROBIN LAZARES
STEVEN WILSON SHULL
DAVID GENE ULTCH, Highest Honors
ANTHONY JOHN VANDER BURG, JR.
JAMES LARRY VOORHEIS
JOHN ALLISON WOODS
JOHN VINCENT ZARUBA, Honors

In Painting

PATRICIA MUSIAL DUNCAN, Honors
CATHY LYNN DWORTZ, Honors
BARBARA ANNE ENGLISH

RONDA LYNN HATHAWAY, Honors
GLORIA FERN LANDSMAN
JOHN FLOYD STURGEON, High Honors

Degree of Bachelor of Landscape Architecture

ROBERT JOSEPH EBL
STEVEN FRANK LUND

TERENCE JAMES MACH

Degree of Bachelor of Music

JON FRENCH DUTTON
ROBERTA SUE HUBER, Highest Honors
JOSEPH LEE INMAN, Honors

JANET LEE KAPLAN, Honors
CLEORA SUE KEELER, High Honors
SANDRA KUNGLE, Honors

JOANN MARGARET LOEFFLER LACQUET,
Honors
JEAN CROWLEY MARSHALL, Highest
Honors
MARK STEPHEN RIESENBERGER
SUSAN SCHROEDER, High Honors
JAMES ROBERT SKIDMORE, Highest
Honors

SARAH YOUNG SPEARS
PETER BREECE SWINDALL
DIANNE KEITH WESTERMAN, High
Honors
ANNA LOUISE WHITE
NORMA ANN WILSON

Degree of Bachelor of Science

In Music Education

CAROLYN BROCK-JONES ANDERSON
EDITH ELLEN BARNARD
LINDA KAY BOURNE, Honors
MARILYN JUNE BREWICK, High Honors
KENNETH EUGENE BRILLHART
THOMAS ALLEN CONNELLY
BARBARA JOHNSTON DAWS, Honors
DENNIS RAY DURBIN
DEBORAH JULAINE FAWCETT, Honors
RHONDA JEANNE FLEMING, High Honors
WESLEY RICHARD HABLEY
FRANK BASIL HARMANTAS, Honors
GREGG STUART HELGESEN
SUE ELAINE HOLLONBECK, Honors
DEBORAH IMLE
CAROL JO JACKSON, High Honors
KENNETH RAYMOND KREJCI, High
Honors
NANCY ROBERTA LEHTO, Honors

JAMES LEE LINDER, Highest Honors
CHRISTINA L. MARTIN, Honors
ANNE MARIE MOLEK
SHARON OLDAKER
DAN CHARLES PAARLBERG
HAROLD RUDOLPH PHILLIPS, High
Honors
RICHARD PAUL PRESTON
ARTHUR ALLEN REBLITZ, High Honors
EDITH NICKERSON REECE
MARILYN BERDINE REINERS, High
Honors
RONALD HERBERT SELLE, High Honors
MARYELLEN TRUITT
PHILLIP ALAN WEINBERG, High Honors
SUE ANN WHITE, Highest Honors
WILLIAM DAVID WINDHORST
RAYMOND LOWELL YOUNGER

Degree of Bachelor of Urban Planning

JOHN WILLIAM BAIE
EDWARD JAMES DAVIDSON
DANIEL EDWARD KOTULLA

JAMES BRUCE SMITH
RICHARD CHARLES UNWIN
PAUL TERRY WALHUS

COLLEGE OF PHYSICAL EDUCATION

Degree of Bachelor of Arts

In Dance

MARY ELIZABETH O'DONNELL, High
Honors

MARILYN DAWN WINTERBURG

Degree of Bachelor of Science

In Health Education

KENNETH THOMAS OLSON

In Physical Education

JUDITH RACKOW ANDERSON
VICTORIA DEAN AUER
JANE ELLEN BABKA, Honors
LINDA KAY BUNKER, Highest Honors
JEANNETTE CLARE BURDA
BONNIE LEE BYRNE, Honors
DIANE DOROTHY CARLSEN
RONALD CRAIG DUNLAP
KATHRYN PEARL FREESE
BARBARA GARTNER HAYSKAR
JANE MARILYN HELBIG
NANCY JANE HIPPI, High Honors
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LINDSEY HENRY JACOBS

KATHLEEN ELIZABETH KLEHM
SHARON LOUISE KOUBA
WILLIAM FRANZ LEACH
CAROLYN ANN LEWIS, Honors
DIANN JEAN LUBBOCK
PAULETTE MACROS
ALFRED JOHN MANASIN
JAMES ROBERT MARINANGEL
ROSEMARY ELLEN MCGINNIS
ROBIN MEDINTZ
JEAN SUSAN MEIER
ROBERT TERRY MILLER
WILLIAM JAMES MITCHELL
VERNON TED NEUHAUS

CYRIL CALVIN PINDER
BARBARA ANN RATAY, Honors
LESTER WALTER REBMAN
RAY SCOTT ROBINSON
LORETTA POST ROTHE
JANE ANGELA SHOSTROM
VAUGHN PAUL SIARNY
JAMES DAVID SKIRHA, Honors

PENELOPE RUTH SLAVIN
JOHN WILSON STACEY
THOMAS EDWARD TOSAW
KATHLEEN ANN TRUE
EDWARD ALAN VIKTOR
PENELOPE CHRISTINE WAGONER
DENNIS WAYNE WHITE

In Recreation

VICKI FINE DORNER
MARY ANN CARLSON FIELDS
CAROL BOLTE JACKSON
KENNETH KEVIN KMIEC
GAIL POWERS KRAUSE
JACK EDWARD MEYER
RONALD CLEMENCE NOWAKOWSKI

JOAN THURSBY PATTERSON
GARY LEE UPP
JANICE VICTORIA WANKA
ROBERT CHARLES WEST
MARGARET IRENE WILSON
DENNIS FRANK WOJS

In the Teaching of Dance

DELORES JEAN ZOBEL

COLLEGE OF VETERINARY MEDICINE

Degree of Bachelor of Science

In Veterinary Medicine

SAMMY KAYE ALLEN, Honors
ALBERT THOMAS AMLUNG, JR.
JAMES LOUIS AMMIRATI
JOHN LEONARD BAUMANN
RANDALL HUGH BORRI
JOHN EDWARD BOURN
RONALD CHARLES BOWEN
JOHN WESLEY BYRD
KENNETH DEE CAREY
FRANKLIN ANDREW COBLE
CHARLES ALLEN COHEN
THOMAS JOSEPH DUNN, JR.
TIMOTHY JAMES HARRIS
PATRICK JOHN HEITZMAN
PAUL WAYNE HESS
JAYNE E. HOOKS
JEAN E. HOOKS
JAMES AMBROSE HORAN
BRUCE EDWARD ILGEN
MICHAEL DENNIS KASTELLO
MICHAEL JOHN KELLY
RONALD MURRAY KIPNIS
JAMES DANIEL KOLLER
CRAIG PAUL KRAGNESS
JAMES EDWARD KURZYDLO, Honors
JOHN MILTON LANGLOSS
CLIFFORD BRUCE LOUDERBACK
CAROLE MICHELE LUCIA
PAUL ALBERT MARTIN
RONALD LEE MARTIN

GARY GEORGE MAVES
SUZANNE ELIZABETH MELTON
THOMAS ANDREW MILOS
TIMOTHY VAN MINNICK
RONALD ALAN MRAZ
JEROLD LEWIS NEEDELMAN
TIMOTHY ALAN OHMAN
MICHAEL ROBERT PETERSON
GLEN RICHARD REDEKER
JAMES JAY ROSENTHAL
ANTHONY CHARLES SAKAL
MICHAEL SCHAEER
DENNIS JOSEPH SCHWARZENTRAUB
RANDAL WILLIAM SEBRING
LEWIS SEIDENBERG
DORICE DWIGHT SHUMWAY
MARTIN ANTHONY SIDOR
JAMES IVAN SIEGRIST
RICHARD LAWRENCE SOPIARZ
GARY LEE STAMP
CHARLES VERNON TRAYSER
JOHN PARISH TRIMBLE
ERIC JOHN TROTTER
ROBERT CHARLES TRUCKSA
PAUL CHARLES TUCEK
JANE MARIE TURREL
PAUL MARTIN VARNOLD
SAMUEL GEORGE WALTON
BRUCE THOMAS WILLIAMS
JOHNNIE WILSON WISEMAN

Degree of Doctor of Veterinary Medicine

GERALD EDWARD BAUMANN
ROBERT EDWARD BEEBE
PAUL HARLAN BRAMSON
HAROLD LYNN BRISTOW, Honors
LYLE EUGENE BRUMLEY

LEE ANDREW CALSYN
CHARLES ALAN COX
PATRICK KEVIN CUSICK
LAWRENCE MARTIN FOX
TERENCE HARVEY

JOSEPH MARTIN HELFAND
 WESLEY ALAN JACOBS
 JOHN THOMAS JOHNSON
 JOHN ALBERT KALCHBRENNER
 GARY DUANE KORITZ, Honors
 RANDALL WILLIAM LARSON
 RICHARD EDWARD LAU
 ALLEN DUANE LEMAN
 NANCY HOLSTEEN LERNER
 SAMUEL LERNER
 KARL EMIL LUTHIN III
 JOSEPH GEORGE MARION
 DONALD OAKES MARSH
 PATRICIA ANN MARTIN
 JACK MORTON MARVICH
 DENNIS HAROLD MAYES
 THOMAS OVED MILLER
 ARLINE VIRGINIA MOUZER
 THOMAS PAUL NEAL
 LEROY EARL NEITZEL
 JOHN ROBERT NOEL

STEPHEN LEE PEARSON
 ROGER LEE PETERSON
 BARRY WOOD PORTER
 ARTHUR LIND RASMUSSEN, Honors
 CHESTER LEIGH RAWSON
 THOMAS ALLAN RIGGS
 CAROL STAFFELDT ROBISON
 ERIC LEE ROBISON
 SHELDON BERT RUBIN
 LAWRENCE EUGENE SCHAAD
 JAMES HAROLD SUMMERS
 CAROL MARY SZYMANSKI
 MARIANN TENZER, Honors
 BERNARD EUGENE WALL
 KARIN ELSJE WEENING
 ROBERT JAY WEISSMAN
 BONNIE RUWET WILCOX, Honors
 THOMAS J. WILCOX
 ANDREA NELSON YOUNGREN
 DANIEL RAYMOND ZEHR

SECRETARY'S REPORT

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

CHANGES IN SABBATICAL LEAVES OF ABSENCE

Chicago Circle

WINSBERG, LESTER, Professor of Physics, sabbatical leave granted him for fall and winter quarters 1968-69, on one-half pay, cancelled without prejudice.

Medical Center

ABILDGAARD, CHARLES F., Associate Professor of Pediatrics, sabbatical leave granted him for one year from July 1, 1968, one-half pay, or six months, full pay, cancelled without prejudice.

Urbana

REYNOLDS, EVELYN, Assistant Professor of Music, sabbatical leave granted her for first semester 1968-69, one-half pay, cancelled without prejudice.

REPORTS AND RECOMMENDATIONS FROM THE PRESIDENT OF THE BOARD

President Swain called attention to the schedule of the next two meetings of the Board of Trustees: July 24, 1968, in Urbana, having been changed by the Board from July 17; and September 18, 1968, in Urbana.

EXECUTIVE SESSION

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

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

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

AMENDMENT OF AGREEMENT FOR PURCHASE OF 801 SOUTH WRIGHT STREET, CHAMPAIGN

(47) On April 20, 1966, an exchange agreement between the University of Illinois

Foundation, the Baptist Student Center, the Y.W.C.A., and the University of Illinois was authorized by the Board of Trustees. The agreement¹ anticipated construction by the Y.W.C.A. of a new building on the corner of Fifth and John Streets by July 1, 1968. It was understood that facilities on the first floor of the Y.W.C.A. Building at 801 South Wright Street would be made available at no cost to the Y.W.C.A. until the new building was built, but not later than July 1, 1969. On June 20, 1967, the Board of Trustees authorized the purchase of the property at 801 South Wright from the University of Illinois Foundation at a price of \$316,515.

The Y.W.C.A. has had difficulty in planning the construction of new facilities and has requested continued occupancy of the first floor at 801 South Wright Street until July 1, 1969. However, the first floor of the building at 801 South Wright Street now occupied by the Y.W.C.A. is urgently required for expansion of the Chancellor's staff of the Urbana-Champaign campus. Therefore, the Y.W.C.A. has agreed to vacate the space in September, 1968, provided the University or the Foundation reimburse them in the amount of \$7,500 so they may rent space within the Y.M.C.A. facility at 1001 South Wright Street, Champaign.

Accordingly, the Vice-President and Comptroller, the Chancellor concurring, recommends that the purchase price of the property at 801 South Wright to be paid the University of Illinois Foundation be adjusted to \$324,015 including the payment of \$7,500 to be made to the Y.W.C.A. for early occupancy of the first floor by the University. Funds are available in the state capital appropriations and have been released by the Governor.

The Board of Directors of the University of Illinois Foundation has reviewed this proposal and has indicated willingness to modify its agreement with the Y.W.C.A., subject to approval by the University.

I concur.

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

SITE FOR MEDICAL SCIENCES BUILDING, URBANA

(48) The State Board of Higher Education in the "Campbell Report" has proposed the establishment of a medical sciences program for the Urbana campus. The program will provide basic teaching facilities and staff for one hundred premedical students with ultimate expansion to two hundred students. The curriculum is to be developed in the existing School of Life Sciences and will have close interrelationship with the staff, graduate, and instructional programs, and research among various divisions in the Department of Chemistry, as well as the Departments of Biology, Microbiology, the anatomies and other areas in the Life Sciences. Therefore, this facility should be located close to the existing departments in the Life Sciences.

It is proposed that the site for the Medical Sciences Building be in the south one-half of the block bounded by Illinois Street extended, Goodwin Avenue, California Avenue, and Mathews Avenue, Urbana. Other peripheral sites have been explored but this is the only available site within reasonable proximity of the existing Life Sciences-Chemistry facilities. Designation of this area as the site for the structure will necessitate property acquisitions on which specific recommendations will be submitted at a later date.

Accordingly, the President of the University, with the concurrence of appropriate administrative officers, recommends that the area on the north side of

¹Under this agreement, the University was to transfer to the Foundation property at 502 and 508 East John Street in exchange for the Foundation's agreement to acquire Y.W.C.A. property at 801 South Wright Street and grant the University an option to purchase that property for \$316,515. The Foundation was then to acquire the property at 506 East John Street, and convey the north portions of the property at 502, 506, and 508 East John Street to the Baptist Student Center for the south portion of the property at 504 East John Street already owned by the Center. The Foundation would then exchange the south portions of property at 502, 504, 506, and 508 East John Street and \$186,515 for the Y.W.C.A. property at 801 South Wright Street.

California Avenue between Goodwin Avenue and Mathews Avenue, Urbana, be approved for the site for the proposed Medical Sciences Building.

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

On motion of Mr. Grimes, the Board adjourned.

EARL W. PORTER
Secretary

TIMOTHY W. SWAIN
President