

**MEETING OF THE EXECUTIVE COMMITTEE  
OF THE BOARD OF TRUSTEES**

**OF THE**

**UNIVERSITY OF ILLINOIS**

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**February 18, 1970**



A meeting of the Executive Committee of The Board of Trustees of the University of Illinois was held in Room 134 of the Assembly Hall on the Urbana-Champaign campus, on Wednesday, February 18, 1970, beginning at 9:30 a.m.

Chairman Earl M. Hughes called the meeting to order and asked the Clerk of the Committee to call the roll. The following members of the Committee were present: Mr. Howard W. Clement, Mr. Earl M. Hughes, Mr. Timothy W. Swain.

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

### INTRODUCTION OF OBSERVERS AND OF AD HOC COMMITTEE OF STUDENT OBSERVERS

Chairman Hughes introduced Professor Charles Wert and Professor Leonard Kent, observers from the Urbana-Champaign and Chicago Circle Senates.

He also introduced members of the *Ad Hoc* Committee of Student Observers<sup>1</sup> Mr. Michael Kreloff (Graduate Student), Mr. John Adler and Mr. Lawrence Rabyne (Undergraduate Students) from the Urbana-Champaign campus; Miss Linda Murrie and Mr. Lee Fischer from the Medical Center campus; Mr. Richard Gordon (Graduate Student), Mr. Robert Geltner and Mr. John B. McCauley (Undergraduate Students) from the Chicago Circle campus.

**BUSINESS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY**  
The Committee took up consideration of the following reports and recommendations from the President of the University.

### PRESIDENT'S REPORT

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

### RATE INCREASES FOR UNIVERSITY-OPERATED HOUSING FACILITIES, URBANA

The following memoranda were presented by the President of the University in which administrative actions to increase rates for University-operated housing facilities at Urbana-Champaign and at the Medical Center were reported and the rationale for the actions explained.

The Board had earlier approved a request from the Undergraduate Student Association of Urbana to be heard on the subject of the increases approved for Urbana. Accordingly, Mr. Steve Gargo and Miss Dorothy O'Brien of the Undergraduate Student Association were granted the floor to make presentations. They gave particular emphasis to the effect of the increase on student finance and student opportunity, on conditions in residence halls generally, and on the possibilities of state financing of residence halls.

Administrative officers, including Chancellor J. W. Peltason and Mr. Arnold W. Strohkorb, Director of Housing, discussed the general inflationary pressures upon the University to meet operating costs of the halls, including improved services requested by students which involve additional costs. The point was made that the inadequacy of private housing in the community and the inability to obtain state funds for residence hall construction had led to the development of University housing in the last ten or fifteen years.

President Henry noted that a related increase, based on the same financial situation, had been approved for housing at the Medical Center campus.

Following extended discussion, Chairman Hughes indicated that the actions had been approved by the administration and that it was the Board's assumption that the administrative actions would go into effect.

<sup>1</sup> Established by the Board of Trustees January 21, 1970.

### **Rate Increases for University Operated Housing Facilities at Urbana-Champaign**

On recommendation of the Chancellor, the President has approved rental rate increases for University-operated housing facilities of Urbana-Champaign, effective September 1, 1970, as follows:

1. In undergraduate residence halls (capacity of 9,400 spaces) a \$60 increase for women and a \$100 increase for men for room and board for the academic year (the increase for women is lower than that for men because the women have chosen to have certain services eliminated).
2. In graduate residence halls (capacity of 1,000 spaces) a \$46 increase per academic year.
3. In married student apartments (1,000 units) a \$6 per month increase for furnished one- and two-bedroom units and \$5 per month for unfurnished two-bedroom units in the Orchard apartment complex and \$3 per month in the Green Street and Goodwin Avenue apartments.
4. In faculty housing an average increase of \$12 per month to be implemented in steps over a two-year period.

The new increases are dictated by rising cost factors similar to those experienced by the economy as a whole and include increases in salaries and wages, cost of food, supplies, utilities, and other services. Students have been consulted widely and wherever service reductions could be mutually agreed upon in order to minimize the rate increase, they have been scheduled for implementation. Furthermore, discussions are continuing with regard to the possibility of establishing several varied service plans at differing rates. The increase approved is the minimum required for the University to continue to meet bond obligations.

During the past ten years, the rates in undergraduate residence halls have increased by 17 per cent while the cost of living index has increased 28 per cent. With the new adjustment, rates will have increased 26 per cent since 1960. The cost of living index will in all probability continue to rise while the new rates remain stable for a period of two years.

The rates currently in effect and those newly approved compare favorably with those charged by other Big 10 universities. The most typical rate in the undergraduate residence halls on the Urbana-Champaign campus is currently next to the lowest within the Big 10 and the new rate would be just below the mid-point. It will undoubtedly compare more favorably in September since some institutions are planning to increase their rates for the 1970-71 academic year.

### **Increase in Residence Hall Contract Rates, Medical Center**

The President, on recommendation of the Chancellor, has approved the following increases in residence hall contract rates to be effective for the 1970-71 academic year at the Medical Center campus:

1. Student Residence Hall double room (the most typical contract)—a rate increase of \$110 from the present \$1,065 rate to \$1,175.
2. Women's Residence Hall double room—a rate increase of \$115 from the present \$1,090 rate to \$1,205.

### **PROGRESS REPORT ON OAKLEY RESERVOIR**

Professor Walter M. Keith, Director of Robert Allerton Park, gave the following report on the Oakley Reservoir.

"On February 12, the Division of Waterways, Department of Public Works and Buildings, released publicly the proposal for the Modified Project of Oakley Reservoir and the Sangamon River.

"Just prior to that date and following this release, the University has been gathering information about this proposal in anticipation of a University response to the major differences between the Memorandum of Agreement, dated May 29, and the current proposal. There seems to be a change in joint-use pool elevation of 623' Mean Sea Level from 621' MSL and a 5,000 cfs release rate from an earlier 7,000 cfs.

"The Harza Engineering Company and Dr. Kendeigh, Chairman of the Natural Areas Committee, Graduate College, have been brought up to date with this

proposal and the additional information we have secured. We are evaluating this information as we receive it, and we expect to have a copy of the State Report on February 23.

"We will evaluate this Report and will report our findings and recommendations to the University Administration."

#### **ACTIONS OF THE STATE BOARD OF HIGHER EDUCATION ON THE UNIVERSITY'S FY 1971 BUDGET REQUESTS**

(1) President Henry presented a detailed report in writing concerning actions of the Board of Higher Education on the University's FY 1971 budget requests including comments presented by the President to that Board on February 3. A copy of the report is filed with the Secretary for record and was printed in the *Faculty Letter* No. 192, February 16, 1970.

In summary, the Board of Higher Education approved the following amounts:

<i>Budget for Operations</i>	<i>Increases Requested</i>	<i>Increases Approved (BHE)</i>
Salary Adjustments.....	\$ 11 310 840	\$ 9 782 676
Increased Enrollments.....	7 611 300	6 574 903
Operating Costs of New Buildings.....	1 706 400	1 517 185
Price Increases.....	1 195 575	1 195 575
Refunds.....	104 725	104 725
New Programs.....	4 073 900	1 620 780
Program Improvement.....	1 086 000	189 200
Other Special Increases.....	2 878 500	1 403 800
Agricultural Premium Fund.....	289 790	289 790
Retirement System.....	27 330 260	557 238
<i>Total Increases.....</i>	<i>\$ 57 587 290</i>	<i>\$ 23 235 872</i>
Add 1969-70 Budget.....	165 922 610	165 922 610
Proposed 1970-71 Budget.....	\$223 509 900	\$189 158 482

#### *Capital Funds*

Only three items were approved from general revenue funds: \$1,000,000 for equipment for the Dentistry Building, Phase I; \$197,374 to complete the amount needed for planning the Medical Sciences Building at the Urbana-Champaign campus; an unassigned residue of \$564,601. The addition to the Dentistry Building at the Medical Center campus and the addition to Burrill Hall at the Urbana-Champaign campus were approved for construction by the Illinois Building Authority.

This report was received for record.

#### **BUDGET FOR 1970 SUMMER QUARTER AND FACULTY APPOINTMENTS, CHICAGO CIRCLE**

(2) Submitted herewith are the budget and appointments to the faculty for the 1970 summer quarter at Chicago Circle from June 16 through September 15, 1970.

The total budget is for salaries in the amount of \$1,140,000.

The salaries recommended are computed on the basis of one-third of the salary of the academic year for a full quarter of service, with proportionate amounts for shorter periods or for part-time service.

Comparative summer student enrollment and budget figures for 1969 and 1970 are as follows:

#### **Student Enrollment 1969, Projected Enrollment 1970 (Head Count)**

	<i>Actual 1969</i>	<i>Projected 1970</i>	<i>Increase</i>	<i>Per Cent of Increase</i>
Undergraduate.....	5935	7250	1315	22
Graduate.....	290	435	145	50
Total.....	6225	7685	1460	23

#### **Budget**

	<i>1969</i>	<i>1970</i>	<i>Increase</i>	<i>Per Cent of Increase</i>
	\$926 500	\$1 140 000	\$213 500	23

I recommend that these appointments to the summer quarter staff at Chicago Circle be approved as submitted, and that the President of the University be authorized to accept resignations and make such changes and adjustments and additional appointments as are necessary in accordance with the needs of the University within the allocations of funds indicated.

On motion of Mr. Swain, these appointments and the summer quarter budget for Chicago Circle were approved and authority was given as requested. This action was taken by the following vote: Aye, Mr. Clement, Mr. Hughes, Mr. Swain; no, none; absent, none.

	Chancellor's Office	Per Cent Time	Proposed Amount
300 02 02 172			
1. Salaries unassigned.....			\$15 579 (15 579)

	College of Business Administration		
Accounting			
300 17 10 172 CC			
1. Edwin Cohen, Professor.....	83		\$ 5 810
2. Samuel Fox, Professor.....	50		2 750
3. Alfonse Malinosky, Professor.....	50		2 834
4. Albert J. Schneider, Professor.....	87.5		5 309
5. _____, Assistant Professor.....	100		3 050
6. Edward T. Ossman, Assistant Professor.....	50		2 500
			(22 253)

	Economics and Finance		
300 17 10 172 CC			
1. Robert W. French, Professor.....	50		\$ 3 667
(See also Management).....			(7 334)
2. _____, Professor.....	33		2 610
3. Sherman Shapiro, Professor.....	100		6 467
4. Fayette B. Shaw, Associate Professor.....	100		4 333
5. Robert D. Auerbach, Assistant Professor.....	100		4 167
6. Thomas M. Johnson, Assistant Professor.....	100		4 500
7. Houston H. Stokes, Assistant Professor.....	100		4 334
			(30 078)

	Management		
300 17 10 172 CC			
1. Robert W. French, Profesoor.....	50		\$ 3 667
(See also Economics).....			(7 334)
2. Ronald E. Jablonski, Associate Professor.....	50		2 750
3. Richard D. Babcock, Assistant Professor.....	100		4 334
4. Ronald L. Miller, Assistant Professor.....	100		4 334
5. William M. Sukel, Assistant Professor.....	50		2 167
6. Joseph A. Wolfe, Assistant Professor.....	100		4 200
7. Fred R. Travis, Lecturer.....	27		1 200
			(22 652)

	Marketing		
300 17 10 172 CC			
1. Hugh G. Wales, Professor.....	100		\$ 6 500
2. Robert E. Weigand, Professor and Area Coordinator ....	83		5 810
3. Alvin D. Star, Lecturer.....	50		2 383
			(14 693)

	Quantitative Methods		
300 17 10 172 CC			
1. Leonard Kent, Professor.....	83		\$ 5 588
2. Lalitha Sanathanan, Assistant Professor.....	100		4 000
3. Walter J. Wadycki, Instructor.....	100		3 667
			(13 255)

	College of Education		
300 20 10 172 CC			
1. Victor E. Ricks, Professor.....	100		Y
2. Eliezer Krumbein, Associate Professor.....	100		\$ 4 834

	<i>Per Cent Time</i>	<i>Proposed Amount</i>
3. Betty E. Orr, Associate Professor.....	100	3 934
4. ———, Associate Professor.....	100	4 334
5. Daniel Powell, Associate Professor.....	100	4 400
6. Madelaine M. Shalabi, Associate Professor.....	50	1 950
7. Joseph L. Braga, Visiting Assistant Professor.....	100	3 667
8. Carolyn Leonard, Assistant Professor.....	50	1 834
9. Charles A. Tesconi, Assistant Professor.....	100	4 500
10. Donald R. Warren, Assistant Professor.....	100	4 250
11. Sheila McKenzie, Instructor.....	50	1 667
12. Tasso Christie, Visiting Lecturer.....	100	3 500
13. Salaries unassigned.....	200	6 500
		(45 370)

#### **Men's Division** **School of Physical Education**

300 20 27 172 CC

1. Charles Kristufek, Assistant Director and Associate Professor.....	33	\$ 1 589
2. Walter G. Versen, Associate Professor of Physical Education and Assistant Director of Athletics.....	50	1 908
3. J.C. Descourouez, Assistant Professor.....	50	1 433
4. Bradley Rothermel, Visiting Assistant Professor.....	50	2 167
5. Robert W. Danner, Instructor.....	50	1 275
6. Ralph W. Mackh, Instructor.....	50	1 250
7. Leon F. Pickens, Instructor.....	50	1 283
8. Michael B. McGovern, Instructor.....	50	1 183
		(12 088)

#### **Women's Division**

300 20 27 172 CC

1. Wilma J. Pesavento, Associate Professor and Head.....	50	\$ 2 347
2. Emily M. Axelrod, Instructor.....	50	1 416
3. Michelle Emmett, Instructor.....	50	1 250
4. Nina Pappas, Instructor.....	50	1 916
5. 1.50 FTE Assistants.....	150	3 373
		(10 302)

#### **Energy Engineering** **College of Engineering**

300 22 24 172 CC

1. James P. Hartnett, Professor and Head.....	33	\$ 2 804
2. Harold A. Simon, Associate Professor and Associate Head..	50	2 700
3. Joseph C. Chow, Associate Professor.....	50	2 117
4. David S. Hacker, Associate Professor.....	50	2 628
5. Allen C. Cogley, Assistant Professor.....	50	1 869
6. ———, Assistant Professor.....	50	1 950
		(14 068)

#### **Information Engineering**

300 22 33 172 CC

1. Robert Arzbaeher, Associate Professor.....	50	\$ 2 759
2. Kurt Burian, Associate Professor.....	33	1 745
3. Rucelle Consigny, Assistant Professor.....	100	3 600
4. Sharadbabu R. Laxpati, Assistant Professor.....	100	4 217
5. Chu Q. Lee, Assistant Professor.....	100	4 217
6. Miljenko Orsic, Assistant Professor.....	100	3 734
7. Roland Priemer, Assistant Professor.....	100	3 600
8. Thomas M. Smith, Assistant Professor.....	100	4 200
		(28 072)

#### **Materials Engineering**

300 22 37 172 CC

1. Ernest F. Masur, Professor and Head.....	50	\$ 3 867
2. Robert F. Domagala, Associate Professor.....	100	5 167
3. Daniel F. Schoeberle, Associate Professor.....	100	4 417

	<i>Per Cent Time</i>	<i>Proposed Amount</i>
4. Thomas C. T. Ting, Associate Professor.....	100	5 267
5. Otto Ernst Widera, Associate Professor.....	100	4 334
6. Ted B. Belytschko, Assistant Professor.....	50	1 967
7. Chien-Heng Wu, Assistant Professor.....	100	4 234
		(29 253)

**Systems Engineering**

300 22 59 172 CC		
1. S. E. Shapiro, Professor.....	50	\$ 2 634
2. G. C. Agarwal, Associate Professor.....	50	2 142
3. Francis A. Mosillo, Assistant Professor.....	50	1 712
4. Myron R. Rosenthal, Assistant Professor.....	50	1 942
5. Ronald W. Lodewyck, Instructor.....	50	1 667
		(10 097)

**College of Architecture and Art****Administration**

300 24 01 172 CC		
1. Raymond Andrew Dalton, Instructor.....	50	\$ 1 917
		(1 917)

**Architecture**

300 24 05 172 CC		
1. Edward L. Deam, Professor.....	100	\$ 6 333
2. Robert W. Gerstner, Professor.....	100	5 167
3. Rene Amon, Associate Professor.....	100	4 733
4. Philip A. Kupritz, Assistant Professor.....	83	3 182
5. Jakob K. Blumer, Lecturer.....	100	3 833
6. Elliott E. Dudnik, Lecturer.....	100	3 500
7. Charles B. Genter, Lecturer.....	100	4 667
8. Kenneth W. Schaar, Lecturer.....	100	4 667
		(36 082)

**Art**

300 24 10 172 CC		
1. Simon D. Steiner, Professor and Chairman.....	50	\$ 2 917
2. Robert W. Nickle, Professor.....	67	3 380
3. Donald P. Dimmitt, Associate Professor.....	100	4 134
4. Martin Hurtig, Associate Professor.....	100	4 500
5. Hans Karl Schaal, Instructor.....	100	2 833
6. Allen E. Porter, Lecturer.....	33	1 406
7. Salaries unassigned .....	100	3 400
		(22 570)

**History of Architecture and Art**

300 24 18 172 CC		
1. H. Fred Koeper, Professor.....	100	\$ 5 400
2. Warren Sanderson, Professor.....	100	5 167
3. David R. Edman, Assistant Professor.....	33	1 222
4. Carol L. LaBranche, Assistant Professor.....	100	4 000
5. Richard G. Arms, Jr., Instructor.....	50	1 766
6. M. Bullwinkel, Instructor.....	50	1 583
		(19 138)

**College of Liberal Arts and Sciences****Administration**

300 32 01 172 CC		
1. Salaries unassigned .....	400	\$10 335
		(10 335)

**Administration of Criminal Justice**

300 32 01 172 CC		
1. _____, Professor and Director.....	100	\$ 6 834
2. Stephen A. Schiller, Associate Professor.....	100	5 000
3. Salaries unassigned .....	100	4 000
		(15 834)

**Anthropology**

300 32 07 172 CC

	<i>Per Cent Time</i>	<i>Proposed Amount</i>
1. Charles A. Reed, Professor and Acting Head.....	33	\$ 1 912
2. Laura A. Bohannon, Associate Professor.....	100	5 167
3. Robert Hall, Associate Professor.....	100	5 434
4. 1.00 FTE Assistant.....	100	1 800
		(14 313)

**Biological Sciences**

300 32 15 172 CC

1. Sidney F. Glassman, Professor.....	75	\$ 3 900
2. Kenneth M. Madison, Professor.....	100	5 167
3. Theodore J. Starr, Professor.....	100	6 500
4. Elmer B. Hadley, Associate Professor and Acting Head...	67	3 645
5. James Bond, Assistant Professor.....	100	3 834
6. Michael R. Cummings, Assistant Professor.....	100	3 400
7. Manuel Goldman, Assistant Professor.....	100	4 267
8. David G. Penney, Assistant Professor.....	100	3 334
9. Thomas W. Seale, Assistant Professor.....	100	3 600
10. 6.00 FTE Assistants.....		10 800
		(48 447)

**Chemistry**

300 32 19 172 CC

1. Wm. F. Sager, Professor and Head.....	50	\$ 4 084
2. Bernard J. Babler, Professor.....	50	3 050
3. Charles K. Hunt, Professor.....	75	3 725
4. Robert M. Moriarty, Professor.....	75	5 125
5. Richard P. Burns, Assistant Professor.....	75	3 438
6. John W. Cowin, Assistant Professor.....	100	3 684
7. David G. Gorenstein, Assistant Professor.....	75	2 625
8. Anatol Gottlieb, Assistant Professor.....	75	2 675
9. Cynthia J. Jameson, Assistant Professor.....	75	2 875
10. Richard J. Kassner, Assistant Professor.....	75	2 750
11. Leonard Kotin, Assistant Professor.....	75	3 400
12. Robert F. Zahrobsky, Assistant Professor.....	75	2 825
13. Ralph E. Meints, Instructor.....	75	1 975
14. 11.00 FTE Assistants.....	1100	22 000
		(64 231)

**Classics**

300 32 22 172 CC

1. Edwin B. Levine, Professor and Head.....	67	\$ 3 778
2. Robert J. Callahan, Instructor.....	33	778
3. Dwora Gilula, Visiting Lecturer.....	33	1 000
		(5 556)

**English**

300 32 25 172 CC

1. John C. Johnson, Associate Professor and Acting Head....	100	\$ 5 067
2. Paul Carroll, Professor.....	50	3 334
3. Falk S. Johnson, Professor.....	50	2 434
4. Bernard R. Kogan, Professor.....	50	2 550
5. Robert B. Ogle, Professor.....	50	3 534
6. John B. Shipley, Professor.....	67	3 245
7. Samuel A. Weiss, Professor.....	50	2 500
8. Martin L. Wine, Professor.....	50	2 667
9. John H. Mackin, Jr., Associate Professor.....	67	2 934
10. Adam Makkai, Associate Professor.....	67	2 778
11. A. LaVonne Ruoff, Associate Professor.....	33	1 356
12. Maurita F. Willett, Associate Professor.....	67	2 556
13. _____, Assistant Professor.....	67	2 578
14. Preston M. Browning, Assistant Professor.....	67	2 178
15. Archibald J. Byrne, Assistant Professor.....	67	2 223
16. Sarah Cohen, Assistant Professor.....	67	2 089
17. Judith K. Gardiner, Assistant Professor.....	67	2 223



	<i>Per Cent Time</i>	<i>Proposed Amount</i>
18. Hymen H. Hart, Assistant Professor.....	67	2 223
19. ———, Assistant Professor.....	67	2 223
20. Vincent Louthan, Assistant Professor.....	67	2 223
21. Willie N. Love, Assistant Professor.....	67	2 467
22. Ronald J. McCaig, Assistant Professor.....	67	2 089
23. I. M. Miller, Assistant Professor.....	67	2 356
24. Michael Morrisroe, Assistant Professor.....	67	2 267
25. Margaret H. Oleksy, Assistant Professor.....	67	2 312
26. Sondra Rosenberg, Assistant Professor.....	67	2 112
27. Gerald C. Sorensen, Assistant Professor.....	67	2 667
28. ———, Assistant Professor.....	67	2 400
29. Dale Woolley, Assistant Professor.....	67	2 267
30. Rolf H. Charlston, Instructor.....	67	1 845
31. Francis G. Cox, Instructor.....	67	2 067
32. Bertram Enos, Instructor.....	67	1 623
33. Allen D. Goldhamer, Instructor.....	67	1 956
34. Elaine Grauer, Instructor.....	33	1 443
35. Arthur L. Greenwald, Instructor.....	67	1 800
36. John R. Holt, Lecturer.....	67	1 445
37. Narvel L. Lane, Instructor.....	67	2 045
38. Gene W. Ruoff, Instructor.....	67	2 223
39. J. W. Schellhardt, Instructor.....	67	1 734
40. Mary C. Sidney, Instructor.....	67	2 023
41. Stuart Silverman, Instructor.....	67	1 912
42. Frederick C. Stern, Instructor.....	67	1 978
43. Judith I. Weintraub, Instructor.....	67	1 978
44. Eugene Wildman, Instructor.....	67	1 978
45. 10.33 FTE Assistants .....	1033	18 915
		(120 817)

**French**

300 32 31 172 CC

1. Robert E. Hallowell, Professor and Acting Head.....	67	\$ 4 823
2. Charles M. Lombard, Professor.....	100	5 534
3. Edmund J. Bender, Assistant Professor.....	100	3 834
4. Nancy A. Tomasek, Instructor.....	100	2 717
		(16 908)

**Geography**

300 32 43 172 CC

1. Clifford Tiedemann, Associate Professor and Acting Head..	83	\$ 3 874
2. David M. Solzman, Associate Professor.....	50	2 200
3. James E. Landing, Assistant Professor.....	50	2 417
4. Albert J. Larson, Assistant Professor.....	50	1 900
5. Oyediran Ojo, Assistant Professor.....	75	2 625
6. ———, Instructor .....	75	2 625
7. Roland C. Holmes, Instructor.....	50	1 917
8. Kenneth L. Kartz, Instructor.....	100	2 434
9. ———, Instructor .....	100	2 334
		(22 326)

**Geological Sciences**

300 32 46 172 CC

1. Werner H. Baur, Professor and Head.....	33	\$ 2 223
2. Robert E. DeMar, Associate Professor.....	50	2 400
3. Walter Sadlick, Associate Professor.....	50	2 417
4. Kelvin S. Rodolfo, Assistant Professor.....	50	2 067
5. ———, Assistant Professor.....	50	1 767
		(10 874)

**German**

300 32 49 172 CC

1. Robert R. Heitner, Professor and Head.....	33	\$ 2 723
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	<i>Per Cent Time</i>	<i>Proposed Amount</i>
2. Robert Kauf, Professor.....	50	2 717
3. Arnold J. Hartoch, Associate Professor.....	50	2 400
4. Ernest S. Willner, Associate Professor.....	67	2 667
5. Karl F. Otto, Jr., Assistant Professor.....	33	1 223
6. David E. Anderson, Instructor.....	33	1 000
7. Frederick Betz, Instructor.....	33	1 000
8. Edward J. Stone, Instructor.....	33	1 000
9. 1.00 FTE Assistant.....	100	1 800
		(16 530)

**History**

300 32 50 172 CC

1. Robert V. Remini, Professor and Chairman.....	100	\$ 8 334
2. Bentley Gilbert, Professor.....	100	6 000
3. Peter d'A. Jones, Professor.....	100	7 134
4. Edward C. Thaden, Professor.....	100	7 334
5. Richard Millman, Associate Professor.....	100	4 967
6. ———, Assistant Professor.....	100	4 000
7. Gerald A. Danzer, Assistant Professor.....	100	3 775
8. David P. Jordan, Assistant Professor.....	100	4 167
9. David L. Lightner, Assistant Professor.....	100	3 334
10. Charles R. McKirdy, Assistant Professor.....	100	3 334
11. 8.00 FTE Assistants.....	800	14 400
		(66 779)

**Mathematics**

300 32 54 172 CC

1. ———, Professor and Head.....	50	\$ 4 167
2. Herbert J. Curtis, Professor.....	50	2 934
3. Henry L. Garabedian, Professor.....	100	7 000
4. ———, Associate Professor.....	100	5 267
5. Shmuel Kantorovitz, Associate Professor.....	100	5 634
6. Kenneth H. Murphy, Associate Professor.....	100	3 967
7. Alexander P. Stone, Associate Professor.....	83	3 569
8. Avrum I. Weinzwieg, Associate Professor.....	100	5 467
9. ———, Assistant Professor.....	100	3 667
10. Bernard Berlowitz, Assistant Professor.....	100	4 000
11. Louis I. Gordon, Assistant Professor.....	83	2 945
12. ———, Assistant Professor.....	100	3 334
13. ———, Assistant Professor.....	100	3 834
14. Melvin L. Heard, Jr., Assistant Professor.....	83	3 112
15. Roger G. Hill, Assistant Professor.....	100	3 600
16. James Kelleher, Assistant Professor.....	100	4 167
17. Carol S. Knighten, Assistant Professor.....	100	3 334
18. Robert L. Knighten, Assistant Professor.....	100	3 467
19. Harvey Kriloff, Assistant Professor.....	50	1 667
20. ———, Assistant Professor.....	83	3 167
21. Mu-Chou Liu, Assistant Professor.....	83	2 889
22. Alan McConnell, Assistant Professor.....	100	3 800
23. Thomas B. Ondrak, Assistant Professor.....	100	3 200
24. Arthur T. Pu, Assistant Professor.....	100	
25. Lena Chang Pu, Assistant Professor.....	100	
26. T. E. S. Raghavan, Visiting Assistant Professor.....	83	2 917
27. N. C. Scholomiti, Assistant Professor.....	83	2 778
28. Helen W. Sears, Assistant Professor.....	100	3 100
29. Laurence R. Sjoblom, Assistant Professor.....	100	3 334
30. Alexander Zabrodsky, Assistant Professor.....	100	3 934
31. Leo F. Ziomek, Assistant Professor.....	100	3 334
32. Winifred Berglund, Instructor.....	100	3 100
33. Brigitte K. Erbe, Instructor.....	33	1 112
34. Kathleen M. Hotton, Instructor.....	67	2 000

	<i>Per Cent Time</i>	<i>Proposed Amount</i>
35. Rosemary F. Wiley, Instructor.....	100	2 834
36. 6.67 FTE Assistants.....	667	12 134
		(128 765)

**Music**

300 32 58 172 CC

1. Milan R. Kaderavek, Instructor and Acting Head.....	100	\$ 4 667
2. Richard E. Norton, Assistant Professor.....	67	2 245
		(6 912)

**Philosophy**

300 32 57 172 CC

1. Donald A. Wells, Professor and Chairman.....	50	\$ 3 667
2. _____, Visiting Associate Professor.....	100	4 500
3. Martin J. Scott-Taggart, Visiting Associate Professor.....	100	5 500
4. Ted Cohen, Visiting Assistant Professor.....	100	3 500
5. Neal K. Grossman, Instructor.....	100	3 500
6. Ralf Meerbote, Assistant Professor.....	100	3 500
7. Robert R. Page, Instructor.....	100	3 234
8. 2.00 FTE Assistants.....	200	3 600
		(31 001)

**Physics**

300 32 59 172 CC

1. S. Sundaram, Professor and Head.....	100	\$ 8 000
2. Stanley Aks, Associate Professor.....	50	2 217
3. _____, Associate Professor.....	100	5 334
4. Seymour Margulies, Associate Professor.....	100	4 534
5. William J. Otting, Associate Professor.....	50	2 767
6. Harold M. Skadeland, Associate Professor.....	50	2 584
7. _____, Assistant Professor.....	100	4 000
8. _____, Assistant Professor.....	100	4 234
9. Donald W. McLeod, Assistant Professor.....	100	4 300
10. _____, Assistant Professor.....	100	4 200
		(42 170)

**Political Science**

300 32 63 172 CC

1. Richard M. Johnson, Professor and Head.....	33	\$ 2 223
2. Twiley W. Barker, Jr., Professor.....	100	6 100
3. Milton Rakove, Professor.....	100	5 500
4. Lyman A. Kellstedt, Associate Professor.....	100	4 834
5. Frank Tachau, Associate Professor.....	100	4 834
6. George D. Beam, Assistant Professor.....	100	4 124
7. Peter R. Knauss, Assistant Professor.....	100	3 567
8. _____, Assistant Professor.....	100	3 334
9. Charles F. Levine, Instructor.....	100	3 334
10. Kaye M. Miller, Instructor.....	100	3 300
		(41 160)

**Psychology**

300 32 66 172 CC

1. Harry Upshaw, Professor and Head.....	33	\$ 2 167
2. Leonard D. Eron, Professor.....	67	5 667
3. I. E. Farber, Professor.....	67	5 222
4. Sheldon Rosenberg, Professor.....	67	4 067
5. Roger Dominowski, Associate Professor.....	67	2 889
6. Alan A. Benton, Assistant Professor.....	67	2 844
7. Philip E. Freedman, Assistant Professor.....	67	2 800
8. _____, Assistant Professor.....	67	2 400
9. _____, Assistant Professor.....	67	2 400
10. Rolf A. Peterson, Assistant Professor.....	67	2 334
11. Alexander J. Rosen, Assistant Professor.....	67	2 800

	<i>Per Cent Time</i>	<i>Proposed Amount</i>
12. Ernest W. Kent, Jr., Instructor.....	67	2 333
13. 2.00 FTE Assistants.....	200	4 000
		(41 923)

**Slavic Languages and Literatures**

300 32 68 172 CC		
1. N. Moravcevic, Associate Professor and Head.....	100	\$ 5 400
2. Daniel LeVan, Assistant Professor.....	67	2 490
		(7 890)

**Sociology**

300 32 69 172 CC		
1. Robert L. Hall, Professor and Head.....	50	\$ 3 584
2. _____, Professor.....	100	6 834
3. Roger W. Little, Professor.....	100	5 100
4. William Erbe, Associate Professor.....	50	2 417
5. _____, Assistant Professor.....	100	3 634
6. _____, Instructor.....	100	3 634
7. 2.00 FTE Assistants.....	200	3 800
		(30 837)

**Spanish, Italian, and Portuguese**

300 32 72 172 CC		
1. Audrey L. Kouvel, Professor and Acting Head.....	33	\$ 2 056
2. Jose Sanchez, Professor.....	100	5 533
3. E. Betoret-Paris, Associate Professor.....	100	4 834
4. Donald Bartell, Instructor.....	100	3 067
5. Jose Buergo, Instructor.....	100	3 334
6. Lydia Z. Fernandez, Instructor.....	100	2 667
		(21 491)

**Speech and Theatre**

300 32 75 172 CC		
1. R. Victor Harnack, Professor and Head.....	100	\$ 6 767
2. Lawrence T. Frymire, Professor.....	50	3 333
3. Harry J. Skornia, Professor.....	100	7 000
4. Grace Holt, Associate Professor.....	50	2 333
5. Helen J. Hovde, Assistant Professor.....	100	3 667
		(23 100)

**Jane Addams Graduate School of Social Work**

300 68 10 172 CC		
1. Kenneth Krause, Assistant Professor.....	100	\$ 4 334
		(4 334)

**AWARD OF CERTIFIED PUBLIC ACCOUNTANT CERTIFICATES**

(3) The Committee on Accountancy recommends that the certificate of Certified Public Accountant be awarded to the following candidates who passed the standard written examination given in November, 1969, and who have fulfilled all other legal requirements under Sections 1, 2, and 3 of the Illinois Accountancy Act of 1943 as amended:

DONALD MATHIAS ADAMITIS, Chicago  
 ALBERT LEONARD ADELL III, Villa Park  
 KENNETH HENRY AGRESS, Oak Park  
 GERALD JAY ALGER, Chicago  
 ALAN STUART ALPORT, Chicago  
 RICHARD JOHN ANDERSON, Norridge  
 TERRENCE GEORGE ANDREW, Glen Ellyn  
 CHARLES JOHN AUER, Chicago  
 ROBERT JAY BACHMAN, Champaign  
 ALLEN FRANKLIN BADNER, Chicago  
 ROGER CRANDALL BARNEY, Downers  
 Grove  
 THOMAS JOHN BARTON, Oak Park

REX EUGENE BATES, Mount Carmel  
 MAURICE FRANCIS BAX, Chicago  
 DALE EDWIN BEACHEY, Arthur  
 NOEL ALLEN BELL, Jr., Rome,  
 New York  
 ROBERT JAMES BENSON, Glenwood  
 FRANK JOHN BERESH, Chicago  
 GARY WAYNE BESCHORNER, Downers  
 Grove  
 PHILLIP LEE BILLIAM, Chicago  
 ARNOLD EUGENE BLAIR, Mattoon  
 MICHAEL SAUL BLECHMAN, Des Plaines  
 JOSEPH HALE BOBB, Chicago

RONALD JOEL BORDEN, Chicago  
 DEBORAH LOUISE BORDERS, Albuquerque,  
 New Mexico  
 JAMES JOSEPH BRADFORD, Chicago  
 FREDDIE BREITBERG, Chicago  
 IRA CHARLES BRENNER, Skokie  
 WILLIAM DANIEL BRODERICK, Western  
 Springs  
 ROBERT EDWARD BROOKS, Park Forest  
 STEPHEN ALAN BROST, Chicago  
 RALPH ALOYSIUS BROWN, Chicago  
 ROBERT OTTO BULSTER, Skokie  
 EDWARD MICHAEL BURGH, Evanston  
 CLARK WALKER CAMPBELL, Omaha,  
 Nebraska  
 LEROY THEODORE CARLSON, JR.,  
 Evanston  
 WILLIAM PAUL CARMICHAEL, Hinsdale  
 ELWYN SCOTT CARTER, Downers Grove  
 JOHN PAUL CASTRO, Merrionette Park  
 JAMES TRAVIS CAULEY, Decatur  
 NED EUGENE CHAPMAN, Morton  
 PAUL MICHAEL CHERPAK, Chicago  
 PHILLIP JOHN CIESLIK, Chicago  
 CARMINE JAMES CILELLA, Chicago  
 KEITH PHILLIP CLINGMAN, San Diego,  
 California  
 ROBERT RENICK COCKRELL, JR.,  
 La Grange  
 EUGENE FRANCIS CODER, Buffalo Grove  
 LAWRENCE MICHAEL COHEN, Champaign  
 TERRANCE JOSEPH COLEMAN, Chicago  
 JAMES LAWRENCE COOGAN, Chicago  
 MURPHY ROWE COOPER, Chicago  
 SHERWIN MARSHALL CORD, Chicago  
 FRANK ROBERT COSTABILE, Chicago  
 ROBERT EARL COUCH, Chicago  
 WILLIAM FLOYD COX, Schaumburg  
 JAMES LARRY CRANDALL, Chicago  
 JOHN ERNEST CRONKHITE, Riverdale  
 HARRY GUST DANDELLES, Evanston  
 WILLIAM ALFRED DEBES, Evanston  
 DWIGHT FRANCIS DELANEY, Glenwood  
 JOHN DWIGHT DELHEIMER, Joliet  
 JOHN THOMAS DELMORE, Chicago  
 CHARLES SEWARD DIEHL, Wilmette  
 JOHN RICHARD DIEHL, Skokie  
 WARREN JAY DIXON, Rockford  
 DANIEL MOHR DORR, JR., Oakbrook  
 NEIL JAMES DOUGHERTY, Oaklawn  
 JOSEPH DAVID DOWNS, Chicago  
 JAMES JOSEPH DOYLE, Niles  
 STEPHEN ARTHUR DUBEY, Chicago  
 MICHAEL ALFRED DUBUISSON, Normal  
 ROBERT EDWIN DUNLAP, La Grange  
 Park  
 RICHARD KENNETH EHLERS, Rockford  
 GENE CHARLES EMMONS, Lawrenceville  
 MICHAEL PETER FABRIZIUS, Maple Park  
 ROGER PHILIP FELDMAN, Skokie  
 YALE ALVIN FELDMAN, Palatine  
 DOUGLAS JAMES FELTEN, Chicago  
 MICHAEL ROBERT FIRESTEIN, Chicago

BRUCE HARLAN FISHER, Chicago  
 ROSEMARIE J. FLAHERTY, Champaign  
 GEORGE RICHARD FLYNN, Bloomington  
 FRANCIS THOMAS FOSTER, Chicago  
 DONALD EDMUND FRASER, Melrose Park  
 RONALD PETER FRERES, Des Plaines  
 JARVIS HALE FRIDUSS, Lincolnwood  
 ERROL MITCHELL FRIEDMAN, Skokie  
 PAUL HAROLD FRIES, La Grange Park  
 JAMES WILLIAM GARNER, Macon  
 DONALD FRANKLIN GEREN, Chicago  
 DANILO GIANNESCHI, Clarendon Hills  
 MARTIN JOSEPH GINNANE, North  
 Riverside  
 JAMES PATRICK GIRARD, Chicago  
 HENRY DAVID GISTENSON, Skokie  
 RONALD CARL GIZNIK, Des Plaines  
 THOMAS E. GLUNZ, Park Ridge  
 BARRY RAY GOLDBERG, Morton Grove  
 MICHAEL LEE GOMBERG, Chicago  
 SELWYN GOODMAN, Chicago  
 CHARLES WILLIAM GRAY, Collinsville  
 GERALD ARTHUR GRUBER, Hinsdale  
 WALTER THADDEUS GRYSKA, Chicago  
 ERNEST JOHN GYENES, Rolling Meadows  
 MILTON HARHEN, Downers Grove  
 ARTHUR ANTON HASS, Rock Island  
 JULIAN FRANKLIN HAYUM, Kankakee  
 PHILLIP ALLEN HAZENFIELD, Decatur  
 GORDON FLETCHER HEGWOOD, Chicago  
 ROBERT EDWIN HEHMEYER, JR., Decatur  
 ROYCE HARWORTH HEISKELL, Chicago  
 JAMES FREDRICK HERREN, Elgin  
 ALAN LEWIS HERSHEY, Chicago  
 MARC RICHARD HESSER, Skokie  
 GORDON JACK HILDEBRAND, Glen Ellyn  
 MICHAEL GLENN HINKLE, Rolling  
 Meadows  
 BRUCE JON HOESMAN, Glen Ellyn  
 CHRISTOPHER JOHN HOLIDAY, Downers  
 Grove  
 RICHARD WILLIAM HOLMES, Evanston  
 ROBERT HAROLD HOLMES, Pine Bluff,  
 Arkansas  
 THOMAS LEE HOOPS, Morton  
 JOHN JAMES HRISNEY, Chicago  
 PATRICK HENRY HUGHES, Evanston  
 DAVID MANNY ICKOVIC, Chicago  
 PAUL EDWARD IGNACEK, Berwyn  
 RALPH ARTHUR ISRAEL, Downers Grove  
 DOUGLAS CLARK JERGER, Elmhurst  
 RICHARD GEORGE JIRSA, Oak Park  
 DAVID RAYMOND JONTES, Champaign  
 FRED CHARLES KARBERG, JR., Rockford  
 GARY WAYNE KAUFMAN, Jacksonville  
 TERRENCE THOMAS KELLY, Chicago  
 WILLIAM BENNETT KENNEDY, Chicago  
 ROBERT MICHAEL KENOST, Bellwood  
 WILLIAM KEPRAIOS, River Grove  
 RICHARD JOHN KERKERING, Quincy  
 FRANK THOMAS KILEY, Chicago  
 JON CHARLES KINNEY, Stickney  
 MICHAEL JOE KIRK, Salem

ROGER ALLEN KITTELSON, La Grange  
 ROBERT BRUCE KNIGHT, Park Ridge  
 GERALD MELVYN KOLB, Des Plaines  
 LARRY BRUCE KOMINSKY, Chicago  
 MITCHELL LYNN KOTERMANSKI, Berwyn  
 RONALD THEODORE KOWALSKI, Elmwood  
 Park

RAYMOND LOUIS KRAUSE, Jr., Silvis  
 KENNETH MICHAEL KUEHNAU, Chicago  
 WILLIAM HOWARD LASUER, Aurora  
 FRANK PAUL LATINO, Jr., Elmwood  
 Park

ORVIL DON LAUHER, Jr., Oak Park  
 PAUL FRANCIS LAWLESS, Winnetka  
 RICHARD BARRY LAZAR, Chicago  
 HARRY JOSEPH LEDDY III, Joliet  
 THOMAS ALAN LEIPZIG, Evanston  
 DAVE HARTLEY LEMOINE, Phoenix,  
 Arizona

PAUL JAY LETWIN, Chicago  
 STEVEN IRWIN LEVINSON, Chicago  
 ROBERT LEVY, Chicago  
 MARILYN LILLIENFELD, Matteson  
 WILMER JAMES LITWILLER, Peoria  
 JEFFREY STEWART LITWIN, Chicago  
 KENNY LEROY LOQUIST, Macomb  
 ROGER ELLSWORTH LUMPP II, Fort  
 Knox, Kentucky

GREGORY BOYD LYKINS, Champaign  
 ROBERT WILLIAM LYNCH, Chicago  
 CHARLES ALLEN MACDONELL, Chicago  
 ROSS ARNOLD MAHACHEK, Glen Ellyn  
 JOHN FLETCHER MAJORS, Jr., Palatine  
 ROBERT JOHN MAKARSKI, Arlington  
 Heights

JOHN THOMAS MAKIS, Peoria  
 THOMAS BRIAN MALONE, La Grange  
 Park

G. JAMES MARMEL, Chicago  
 JAY DALE MARSH, Arlington Heights  
 HOWARD JOHN MARTENS, Chicago  
 RONALD MASKALUNAS, Hickory Hills  
 JAMES JOSEPH MATOUSEK, Niles  
 EUGENE HENRY MAURER, Jr., Waukegan  
 JOHN SYLVESTER MAURER, Chicago  
 PAUL GEORGE MAZZOCCO, Riverdale  
 DANIEL PATRICK MCCARTHY, Chicago  
 JOHN EDWARD MCENROE, Chicago  
 ARTHUR JAMES MCGIVERN, Chicago  
 MICHAEL MCGOVERN, Champaign  
 THOMAS JOSEPH MCGUIRE, Chicago  
 WARREN NEWTON McMILLEN, Jr.,  
 Chicago

JOHN JOSEPH MCNAMARA, Chicago  
 CHARLES JOSEPH MCNULTY, Chicago  
 TERRY LESTER MEYER, Collinsville  
 MARIA ANNA MICHALSKI, Bolingbrook  
 ROGER LEON MICHELS, Arlington  
 Heights

EUGENE JOSEPH MIDLOCK, Chicago  
 EUGENE HAROLD MILLER, Chicago  
 MELVIN RICHARD MILLER,  
 Mount Prospect

ALBERT LEE MITCHELL, Jr., Champaign  
 ROBERT FRANCIS MOLITOR, Evanston  
 JAMES JOSEPH MONROE, Evanston  
 JACK LESLIE MOORE, Chicago  
 JOHN WESLEY MORK, Joliet  
 ROY DAVID MORRIS, Chicago  
 PAUL GENTILE MOSS, Chicago  
 ROBERT CHARLES MUELLER, Palatine  
 WILLIAM LEON MUELLER, Marion  
 LANCE WESLEY MUNGER, Evanston  
 ERROL GARY NABB, Oak Park  
 KENNETH EDWARD NAGLEWSKI,  
 Woodridge

EDDIE BARTON NELSON, Arlington  
 Heights

CHARLES EDWIN NEWMAN, Chicago  
 DANIEL DOUGLAS NEWMAN, Oak Park  
 CHARLES RICHARD NICHOLAS,  
 Clarendon Hills

DONALD OTTO NIEMANN, Lombard  
 PAUL HENRY NYSTROM, Chicago  
 TIMOTHY DENNIS O'CONNOR, Chicago  
 JAMES MICHAEL OSEBOLD, Chicago  
 DONNA JEAN PALMER, Rockford  
 GREGORY THEODORE PALUBICKI,  
 Harwood Heights

LARRY GLEN PAULEY, Elmhurst  
 FRANK JAY PEARLMAN, Chicago  
 TIMOTHY MONNIER PETERSON, Chicago  
 GORDON BOYD PHILIP, Oak Park  
 CHARLES ROY PHILLIPS, Evanston  
 PAUL RIGGS PIERSON, Des Plaines  
 MELVIN JAY PINES, Evanston  
 DANIEL STEPHEN POWERS, Lemont  
 LEONARD RAYMOND PRANGE, Chicago  
 EARL PAINTER PRATT, Chicago  
 GARY RICHARD PREIS, Chicago  
 CHARLES MORGAN PRICE, Jr., Chicago  
 SHERIDAN L. PULLEY, Taylorville  
 KENNETH EDWARD RAPACZ, Chicago  
 FRANCIS JOHN REGAN, Country Club  
 Hills

RAYMOND EUGENE RIBORDY, Des Plaines  
 WILLIAM ROSS RICHARDS, East Moline  
 JAMES IRVIN RICKARD III, Lemont  
 KATHLEEN MARIE ROBERTSON,  
 Rock Island

DENNIS ALBERT ROGNESS, Glen Ellyn  
 ROBERT SAMUEL ROME, River Forest  
 DENNIS WILLIAM RONNING, Springfield  
 DAVID IRA ROSENTHAL, Carbondale  
 DAVID MARK ROSENTHAL, Chicago  
 DAVID MICHAEL ROSIN, Palos Hills  
 ROBERT MICHAEL ROSS, Cerro Gordo  
 LARRY BRUCE RUDMAN, Chicago  
 JAMES FRANCIS RYAN, Clarendon Hills  
 LAWRENCE HAROLD SABATH, Skokie  
 ROBERT LEE SAGADINE, Westmont  
 ROBERT ALLEN SANNEWALD, Chicago  
 GERALD MICHAEL SCHECHTER, Chicago  
 JAMES FRANK SCOTT, Oak Park  
 TERRIELL DOUGLAS SCRIMAGER,  
 Galesburg

ROBERT JAMES SELDER, Chicago  
 LAWRENCE IAN SERLIN, Chicago  
 DAVID FRANCIS SHANAHAN,  
   Schaumburg  
 DONALD WERNER SHARP, La Grange  
 THOMAS DALE SHERMAN, JR.,  
   Des Plaines  
 GARY STUART SHIFRIN, Chicago  
 DAVID ELI SHOUB, Mount Prospect  
 HERBERT CARL SIEG, Bloomington  
 LLOYD WILLIAM SIELBECK, Rosebud  
 LARRY RAY SILKWOOD, Kincaid  
 SHELDON EDWARD SILVER, Des Plaines  
 RICHARD ROY SIMMONS, Kankakee  
 MICHAEL JAY SINGER, Des Plaines  
 GEORGE WAYNE SKLENICKA, Lombard  
 RONALD LAWRENCE SLUTSKY, Chicago  
 SHARON MARIE SMITH, Chicago  
 WILLIAM SIDNEY SMITH, Addison  
 JOSEPH JOSHUA SOBEL, Des Plaines  
 FRANK PETER SOPRANO, Arlington  
   Heights  
 THEODORE JULIUS SORENSON, Aurora  
 ROBERT ANTHONY SORRENTINO,  
   Clarendon Hills  
 JOHN LANCASTER SPALDING, Chicago  
 FRANCIS MICHAEL SPATARO, Chicago  
 EUGENE JOSEPH STACHOWIAK, Chicago  
 KENNETH RUSSELL STAIR, Chicago  
 WILLIAM DAVENPORT STERRETT,  
   Mount Prospect  
 PETER WILLIAM STEVENS, JR., Chicago  
 JAY LAWRENCE STIEBER, Chicago  
 LARRY LENZ STITES, Chicago  
 JOHN KING STOECKERT, Chicago  
 JOSEPH ANTHONY STOJAK, Harvey  
 MICHAEL JOSEPH STYCZENSKI, Chicago  
 DIANE LYNN SULLIVAN, Chicago

THOMAS RICHARD SWAIN, Elgin  
 GERALD JOSEPH SWEAS, Chicago  
 FRANK MATTHEW SWEENEY,  
   Park Forest South  
 JOSEPH MICHAEL SWEENEY,  
   Buffalo Grove  
 MICHAEL BRIAN TALLON, Evanston  
 DONALD ALBERT THEESFELD, Chicago  
 DANIEL RICHARD THOMAS, Chicago  
 DONALD JOHN TODD, Dolton  
 JONAH TUCKER, Chicago  
 DENNIS JAMES TUREK, Northlake  
 ROBERT LEWIS TWADDELL, Schaumburg  
 VINCENT EDWARD VILLINSKI, Chicago  
 JOHN MARTIN WACHOWICZ, Cicero  
 LAURENCE PELZER WAGENER, Westmont  
 JAMES RONALD WALKER, Rolling  
   Meadows  
 JERRY EUGENE WALKER, Naperville  
 STEVEN WALLACH, Skokie  
 ARTHUR DEE WARADY, Lincolnwood  
 DON CHARLES WATTS, Elmhurst  
 LAURENCE MITCHELL WAXLER, Glencoe  
 ROBERT WAYNE WEGNER, Mount  
   Vernon  
 BURTON JAY WEISBERG, Des Plaines  
 DANIEL CHARLES WILLIAMS, Chicago  
 HENRY LOUIS WILSON, Chicago  
 JAMES HENRY WITTIG, Chicago  
 ABRAHAM WIZNITZER, Chicago  
 TERESA HELEN WOJCIK, Chicago  
 DONALD ANDERSON WOOD, Mount  
   Vernon  
 JAMES JOSEPH WOODS, Clarendon Hills  
 RICHARD EUGENE YEAGER, Evanston  
 MICHAEL JOSEPH ZOFKIE, Chicago  
 RICHARD ALFRED ZONA, Chicago  
   Heights

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

<i>Name</i>	<i>Address</i>	<i>State from Which They Obtained Certificate</i>
RAY JOSEPH BELISLE	Thiensville, Wisconsin	Wisconsin
DONALD LESTER FICK	St. Louis, Missouri	Missouri

I concur.

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

#### AMENDMENT OF REGULATIONS GOVERNING THE CERTIFICATE OF CERTIFIED PUBLIC ACCOUNTANT

(4) The University Committee on Accountancy has recommended changes in the University's regulations adopted by the Board of Trustees for administering the Illinois Accountancy Law. The Committee has also recommended that the regulations be codified to incorporate all amendments since the last printed publication of the regulations and to make certain editorial changes. If the changes are approved, the Committee plans to publish a new edition of the regulations and explanation for the guidance of candidates for examination.

I concur in the changes recommended as presented.

On motion of Mr. Clement, the committee recommended that the Board approve these changes at the annual meeting of the Board.

#### DEANSHIP OF STUDENT AFFAIRS, CHICAGO CIRCLE

(5) The Chancellor at the Chicago Circle campus has recommended the appointment of Oscar Miller, Acting Dean of Student Affairs since September 1, 1969, as Dean of Student Affairs, beginning March 1, 1970, on a twelve-month service basis, at an annual salary of \$23,000.

He will continue to hold the rank of Associate Professor of Economics on indefinite tenure.

The appointment will fill the vacancy which was created by the resignation of Dean Robert E. Corley. The recommendation is made after consultation with the staff of the Office of Student Affairs, the Deans' Council, the Administrative Council, and a special consultative committee.<sup>1</sup>

The Executive Vice President and Provost endorses this recommendation.

I recommend approval.

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

#### APPOINTMENTS TO THE FACULTY

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

Positions in the University are classified in the following categories and are designated in the budget by the symbols indicated: A— indefinite tenure; P— indefinite term appointment for part-time service only; B—two years; D—one year; E—nine months from the beginning of the academic year; G—special tenure; Q—initial term appointment for Professor or Associate Professor; T—terminal appointment, accompanied with or preceded by notice of non-reappointment; W—one-year appointment subject to special written agreement; Y—twelve month's service required instead of two semesters; and X—percentages opposite X are for the academic year—full-time summer service is indicated by "S"; 1-7—indicates the number of years of service which will be credited at the end of the contract period toward completion of the probationary period relating to tenure.

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

#### Chicago Circle

1. DOROTHY L. DE BOER, Associate Professor of Special Education, beginning September 1, 1969 (Q), at an annual salary of \$14,500.
2. CHAYA ROTH, Assistant Professor of Counseling, Student Counseling Service, on one-half time, beginning December 15, 1969 (DY50), at an annual salary of \$7,500.
3. WILLIAM M. SUKEL, Assistant Professor of Management, College of Business Administration, beginning January 1, 1970 (1), at an annual salary of \$13,000.

#### Medical Center

4. DARIO GIACOMONI, Assistant Professor of Microbiology, College of Medicine, beginning January 1, 1970 (1Y), at an annual salary of \$13,750.
5. WILLIAM G. SHIPMAN, Assistant Professor of Oral Surgery, College of Dentistry, on one-fifth time, beginning March 1, 1970 (DY20), at an annual salary of \$3,500.
6. MILES STANDISH, Assistant Professor of Physiology, College of Medicine, beginning February 1, 1970 (1Y), at an annual salary of \$14,000.

<sup>1</sup> Mr. John D. McNec, Professor of History of Architecture and Art, Acting Head of the Department, *Chairman*; Dr. George C. Giles, Jr., Associate Professor of Education, Associate Dean, College of Education, and Acting Director, Urban Education Research, Chicago Circle; Mr. James C. Griggs, Jr., Assistant Professor of Education, Director of the Educational Assistance Program, Chicago Circle; Dr. Jan Rocco, Professor of Chemistry, Acting Dean of the Graduate College, Chicago Circle; Dr. John A. Schey, Professor of Metallurgy, Materials Engineering, Chicago Circle; Dr. Hugh G. Wales, Professor of Marketing, Business Administration, Chicago Circle; Dr. David C. Epperson, Dean of the College of Education and Professor of Education, Chicago Circle (resigned June 30, 1969); Susan Sundman, Student; Thomas Sandy, Student (graduated spring, 1969), Chicago Circle.



### Urbana-Champaign

7. CHIN-LONG CHEN, Research Assistant Professor of Electrical Engineering and in the Coordinated Science Laboratory, beginning January 1, 1970 (I), at an annual salary of \$11,000.
8. ARDEN T. CHRISTIANSEN, Assistant Professor of Soil Fertility in Agronomy, beginning January 1, 1970 (IY), at an annual salary of \$12,700.
9. F. WILFRID LANCASTER, Associate Professor of Library Science, Graduate School of Library Science, beginning February 1, 1970 (Q), at an annual salary of \$18,000.
10. JOSEF SCHLIFF, Research Assistant Professor of Physics and in the Materials Research Laboratory, for the period from February 1, 1970, through August 31, 1970 (TY), at a salary of \$8,750.
11. JANE SYNGE, Assistant Professor of Sociology, on one-half time, for the second semester 1969-70 (D50), at a salary of \$3,000.
12. KOJI TAIRA, Professor of Economics, on two-thirds time, for the second semester 1969-70, and in Labor and Industrial Relations, on one-third time, for the second semester and full time during the summer 1970 (QX67;QX33;QS), at an annual salary of \$20,000.

### Visiting Staff

13. DON K. DALLING, Visiting Assistant Professor of Chemistry and Chemical Engineering, Urbana, for the period from December 16, 1969, through June 15, 1970 (E17), at a salary of \$1,200.
14. ALAN J. HOWSMON, Visiting Research Associate Professor of Physics, in the Department of Physics and in the Materials Research Laboratory, Urbana, for the period from February 1, 1970, through June 30, 1970 (G), at a salary of \$6,500.
15. HARRY SICHER, Visiting Professor of Oral Anatomy, College of Dentistry, on one-half time, beginning January 1, 1970 (DY50), at an annual salary of \$9,000.

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

### RECOMMENDATIONS FOR SPECIAL CHANGES IN TUITION AND FEES

(7) The University Committee on Fees<sup>1</sup> submits the following recommendations:

1. That the fee of \$1.00 presently charged for postregistration changes in course programs be abolished. This proposal is endorsed by the Offices of Admissions and Records at all three campuses and by the Comptroller's Office. With the computerized system of registration, there are few program changes and the costs of collecting this fee are judged to exceed its benefits.
2. That a special fee of \$125 be charged for registration in Aviation 100 (Orientation to Aviation). This fee would be assessed to meet the special costs arising from flight instruction (operation of airplanes and flight simulator).
3. That the schedule (see March 18, 1970, minutes) of tuition and fees for the Medical Center campus be approved, effective for the fall of 1970.

The service fees are increased as follows: (a) \$48.00 per quarter for Medicine; (b) \$30.00 per quarter for Dentistry; (c) \$9.00 per quarter for all other students. The resident tuition rates are not changed; nonresident tuition is shown at the increased rate of \$100 per year already approved by the Board of Trustees.

4. That the tuition-and-fee charges for the Dental Assistant Program and the Dental Postgraduate Program be changed from their present special status to the following standard schedule:

	<i>Tuition</i>	<i>Building and Service Fee</i>	<i>Hospital- Medical- Surgical Fee</i>	<i>Total</i>
Resident.....	\$ 82 00	\$37 00	\$7 00	\$126 00/quarter
Nonresident.....	284 00	37 00	7 00	328 00/quarter

At present, these students are assessed "flat-rate" fees (dental assistants, \$350 per academic year; dental postgraduates, \$150 per quarter), with no distinction

<sup>1</sup> The membership of the University Committee on Fees is as follows: Lyle H. Lanier, *Chairman*; Joseph S. Begando; Herbert O. Farber; E. Eugene Oliver; Norman A. Parker; Jack W. Peltason.

between Illinois-resident and nonresident students. The proposed rates are those now assessed for a full-time program (Range I) for one quarter in the Colleges of Nursing and Pharmacy, the Graduate College, and the School of Associated Medical Sciences.

I concur.

On motion of Mr. Swain, the Committee recommended that the Board approve these changes at the annual meeting of the Board.

#### **APPROPRIATIONS FOR NONRECURRING EXPENDITURES, URBANA**

(8) After review by the Urbana-Champaign Committee on Nonrecurring Appropriations, the Chancellor recommends the following appropriations from the:

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

Renovation and remodeling for which funds are assigned to the Department of Plant and Services:

Remodeling in Davenport Hall for the Department of Geography.....	\$23 650
Remodeling in Noyes Laboratory for the Department of Chemistry and Chemical Engineering.....	19 200
<i>Total, Urbana-Champaign General Reserve.....</i>	<i>\$42 850</i>

##### *Urbana-Champaign Contract Research Reserve — General*

Renovation and remodeling for which funds are assigned to the Department of Plant and Services:

Remodeling at 1201 West Nevada Street, Urbana, for the Institute of Government and Public Affairs.....	\$15 400
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The Executive Vice President and Provost and the Vice President and Controller concur.

I recommend approval of these appropriations.

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

#### **CONTRACTS FOR REMODELING IN SECOND UNIT OF THE DENTISTRY-MEDICINE-PHARMACY BUILDING. MEDICAL CENTER**

(9) The President of the University, with the concurrence of appropriate administrative officers, recommends award of the following contracts for remodeling in the Second Unit of the Dentistry-Medicine-Pharmacy Building at the Medical Center campus for the Department of Pathology, the award in each case being on the low base bid.

General — Vee See Construction Company, Inc., Chicago.....	\$11 041
Plumbing — Chas C Breyer Co., Chicago.....	6 400
Heating and Process Piping — Admiral Heating & Ventilating, Inc., Hillside.....	5 445
Ventilation — Reliable Sheet Metal Works, Inc., Elk Grove Village.....	1 399
Electrical — G & M Electrical Contractors Co., Chicago.....	4 932
Laboratory Equipment — Kewanee Technical Furniture Company, Evanston.....	21 192
<i>Total.....</i>	<i>\$50 409</i>

It is further recommended that all contracts other than the contract for the general work be assigned to the contractor for the general work, making the total of its contract \$50,409, and that an agreement be entered into with the Vee See Construction Company, Inc., for assignment of the other contracts. The amount bid by Vee See Construction Company, Inc., for the supervision of the other contracts assigned to the general contractor is included in the base bid for general work.

Funds for this work are available in an appropriation made by the Board of Trustees on July 23, 1969.

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

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

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

(10) The President of the University, with the concurrence of appropriate administrative officers, recommends award of the following contracts for remodeling five rooms in the Research and Library Unit of the Dentistry-Medicine-Pharmacy Building at the Medical Center campus for the Department of Biological Chemistry, the award in each case being on the low base bid.

General — Vee See Construction Company, Inc., Chicago.....	\$13 566
Plumbing — Peter H. Smith Company, Chicago.....	4 660
Heating and Process Piping — Peter H. Smith Company, Chicago.....	5 360
Ventilation — Reliable Sheet Metal Works, Inc., Elk Grove Village.....	3 747
Electrical — Sam Schaeffer Co., through its Division Schaeffer Electric Co., Chicago.....	5 721
Laboratory Equipment — J. J. Lane Equipment Co., Chicago.....	15 497
<i>Total</i> .....	<b>\$48 551</b>

It is further recommended that all contracts other than the contract for the general work be assigned to the contractor for the general work, making the total of its contract \$48,551, and that an agreement be entered into with the Vee See Construction Company, Inc., for assignment of the other contracts. The amount bid by Vee See Construction Company, Inc., for the supervision of the other contracts assigned to the general contractor is included in the base bid for general work.

Funds for this work are available in an appropriation made by the Board of Trustees on July 23, 1969.

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

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

**CONTRACT FOR METAL LABORATORY FURNITURE FOR MEDICAL  
RESEARCH LABORATORY ADDITION, MEDICAL CENTER**

(11) The President of the University, with the concurrence of appropriate administrative officers, recommends award of a contract in the amount of \$52,570 to NII Laboratory Furniture, Inc., Elmhurst, the low bidder, for furnishing and installing metal laboratory furniture in the Medical Research Laboratory Addition at the Medical Center campus.

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

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

**CONTRACT FOR SEAMLESS RESILIENT FLOORING FOR MEDICAL  
RESEARCH LABORATORY ADDITION, MEDICAL CENTER**

(12) The President of the University, with the concurrence of appropriate administrative officers, recommends award of a contract in the amount of \$52,675 to Haseck-Melville Corporation, Chicago, the low bidder, for the purchase and installation of seamless resilient flooring in the Medical Research Laboratory Addition at the Medical Center campus.

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

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

**CONTRACTS FOR EMERGENCY POWER GENERATOR AND  
ASSOCIATED EQUIPMENT FOR UNIVERSITY OF  
ILLINOIS HOSPITAL, MEDICAL CENTER**

(13) The President of the University, with the concurrence of appropriate administrative officers, recommends the award of the following contracts for a gas-engine-driven generator and associated equipment for emergency power in selected areas of the University of Illinois Hospital, the award in each case being on the low base bid.

Electrical — G & M Electrical Contractors Co., Chicago.....	\$25 434
Process Piping — Admiral Heating and Ventilating, Inc., Hillside.....	3 622

Funds for this work are available in the state capital appropriations to the University for FY 1970 and have been released by the Governor.

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

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

**AGREEMENT WITH COMMONWEALTH EDISON COMPANY FOR  
ELECTRIC SERVICE TO COLLEGE OF DENTISTRY  
BUILDING, PHASE I, MEDICAL CENTER**

(14) The President of the University, with the concurrence of appropriate administrative officers, recommends execution of an agreement with the Commonwealth Edison Company, Chicago, to install primary feeders, transformers, and control equipment at a total cost of \$12,244 to serve the College of Dentistry Building, Phase I, now being constructed at the Medical Center campus.

Funds are available in a grant received from the Commonwealth Edison Company.

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

**CONTRACTS FOR UNDERGROUND CONDUIT AND PIPING WORK FOR  
STEAM SERVICE FOR INTRAMURAL-PHYSICAL EDUCATION  
BUILDING AND FREER GYMNASIUM, URBANA**

(15) The President of the University, with the concurrence of appropriate administrative officers, recommends award of the following contracts for the projects listed, the award in each case being on the low base bid.

<i>Project</i>	<i>Contractor</i>	<i>Amount</i>
Concrete conduit and piping work for steam service to the Intramural-Physical Education Building (P-67)	Kuhne-Simmons Co., Inc., Champaign	\$19 900
Piping work for steam service to Freer Gymnasium (P-68)	Bellis & Miller, Inc., Champaign	21 949

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

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

**REQUEST TO ILLINOIS BUILDING AUTHORITY FOR SITE  
DEVELOPMENT AND LANDSCAPING, PSYCHOLOGY  
LABORATORY, URBANA**

(16) The President of the University, with the concurrence of appropriate administrative officers, recommends that the Illinois Building Authority be requested to award a contract in the amount of \$34,409.62 to Wandell's Twin City Landscape Service, Inc., Urbana, the low base bidder, for site development and landscaping for the Psychology Laboratory at the Urbana-Champaign campus.

Funds are available in the project budget.

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

**CHANGE ORDER — COMPUTER LEASE/ACQUISITION**

(17) The University Office of Administrative Data Processing has reviewed the increased requirements for computing equipment at the Chicago Circle campus. It has been concluded by appropriate staff personnel and approved by the administrative officers concerned that the leased 360/50 CPU system soon to be released by the Computer Science Laboratory in Urbana, with certain modifications, can be advantageously used at the Chicago Circle campus since it will be operationally compatible with other administrative data processing equipment on the Urbana-Champaign campus.

The Urbana-Champaign Department of Computer Science is in the final stages of changes in computer equipment (approved by the Board of Trustees May 21, 1969) which will cause the removal of the IBM System 360 Model 50 Central Processing Unit from University lease agreements with IBM dated February 13, 1964.

The International Business Machines Corporation has proposed a change order in our existing agreement for IBM machine service (lease agreement) which would permit the University to transfer the 360/50 CPU system being removed from the Urbana-Champaign campus to the Chicago Circle campus. Based upon an anticipated transfer date of April 1, 1970, the University could acquire title to the 360/50 CPU at a total cost of \$340,798.57 with payments spread over a five-year period, said payments to be subject to the availability of funds in accordance with the following schedule:

Fiscal Year 1970.....	\$ 14 832 07
Fiscal Year 1971.....	77 470 26
Fiscal Year 1972.....	74 350 65
Fiscal Year 1973.....	71 231 04
Fiscal Year 1974.....	68 111 43
Fiscal Year 1975.....	34 803 12
	<u>\$340 798 57</u>

In addition, the University will pay \$27,060.00 for maintenance over the five-year period.

The net result of this change order will be to effect a total savings over the five-year period of \$258,436.43, provide for prompt conversion and installation at the Chicago Circle campus and at the end of said period title of the equipment will be vested in the University.

Funds are available in the regular operating budget generated from charges to those departments using the computer.

The President of the University, with the concurrence of appropriate administrative officers, recommends that the Board authorize the Comptroller and Secretary of the Board of Trustees to accept the proposal of the IBM Corporation as outlined above and to execute such contracts, change orders, or other appropriate documents as may be necessary to acquire title of the Central Processing Unit in accordance with the plan herein described.

On motion of Mr. Clement, the Committee recommended that the Board approve these changes at the annual meeting of the Board.

### **EQUIPMENT USAGE GRANT FOR THE COMPUTER-BASED EDUCATION RESEARCH LABORATORY, URBANA**

(18) The University proposes to submit to Control Data Corporation a proposal requesting support for a program of research and development at the Computer-based Education Research Laboratory of the Urbana-Champaign campus. Under the terms of this proposal, Control Data will provide partial support (totaling \$1.3 million over a five-year period) for a 6400 computing system. The net leasing charge to the University for this system over this period is \$1,930,000. Applications are in process for funding this amount from other than state appropriations. This large computing system will be a key element in the development and operation of the PLATO IV system, the first phase of which will serve as many as 1,000 student consoles. This will make possible a major demonstration of the economic and educational feasibility of this promising new medium.

The Control Data 6000-series computer systems are uniquely suited to the PLATO system application; using the PLATO software design, these computers will make possible rapid responses to concurrent student inquiries from hundreds (or thousands) of student stations. A careful survey revealed that no other commercially available computer system can perform the rapid transfer rates necessary for this application.

Under the terms of the grant, the University of Illinois would (1) enter into a five-year lease of the Control Data 6400 system at the reduced rate, (2) develop the necessary software systems to operate the hardware configuration of the PLATO IV system, (3) make available to Control Data under appropriate licensing arrangements sufficient documentation to permit the installation and operation of the software systems, and (4) provide to Control Data information concerning associated hardware designs, developments, and innovations with reference to peripheral computer equipment, communications systems, and student consoles. Concurrent with the above grant, Control Data Corporation would enter into licensing agreements with the University or the University of Illinois Foundation covering the hardware and software for PLATO systems and providing for substantial royalty payments by Control Data. Under the proposed terms, royalty payments on the PLATO hardware patents would begin after thirty PLATO systems are sold. If, during the course of the lease, twenty PLATO systems are sold, title to the computer system will transfer to the University of Illinois without further lease payments. The proposed terms of these licensing agreements are outlined in the summary (see below); the execution of the lease contract would be contingent on the successful completion of appropriate licensing agreements and upon receipt of funds which may be specially and properly applied to lease rentals.

With the concurrence of the appropriate administrative officers, I recommend that the Vice President and Comptroller and the Secretary be authorized to execute such agreements as are necessary to enter into the grant and lease arrangements, subject to such further action by the State Board of Higher Education as might be required.

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

### **Summary of Proposed License Agreements**

Although some changes may be anticipated in the course of finalizing the agreements, the substantive terms are as follows:

#### **A. The Hardware License Agreement**

1. CDC shall be granted a nonexclusive license to manufacture and sell hardware invented or developed in the PLATO program;
2. Royalty payments on licensed apparatus involving the PLATO system and associated equipment shall be based on the number of student consoles (together with associated peripheral hardware) sold; the royalty rate shall be 2 per cent of the total selling price of the consoles;
3. No royalty payments shall be paid on the first 30 PLATO systems; a PLATO system typically would have 250 or more consoles;
4. The University shall make available technical information necessary for the practice, manufacture, and use of the inventions;

5. The specified royalty rate shall be in effect for five years, and shall be renegotiated after five years and the licenses shall be in effect for the life of the patents.

**B. *The Software License Agreement***

1. CDC shall be granted a nonexclusive license to use, duplicate, and sublicense the software developed in the PLATO program;
2. CDC shall pay as royalties for the granted license 40 per cent of the payments received (item B-3) by CDC for use of the software at each PLATO installation;
3. The software charges for each PLATO system shall entail monthly payments of \$1,000 to \$4,000, the rate within this range depending on the number of student consoles on a given system;
4. Mechanisms shall be provided for training CDC personnel in the use of the software system.

**AGREEMENT FOR DATA SYSTEMS ENGINEERING SERVICES  
FOR THE DEPARTMENT OF COMPUTER SCIENCE, URBANA**

(19) Until recently the International Business Machines Corporation leased equipment which included free systems software (program) services. However, the lease cost and systems engineering services have been separated as a result of federal antitrust actions.

Since the University leases and/or owns IBM computer systems, it is necessary to acquire certain technical assistance from the IBM Corporation under a systems engineering service agreement in order to efficiently develop or complete the development of new software programs and adapt them to operations in the IBM 360 system.

The Department of Computer Science requires technical assistance to adapt existing programs to IBM equipment which can most economically be obtained from the IBM Corporation.

The proposed ARAMIS (Automatic Remote Access Multi-programmed Illinet System) system provides for an automatic scheduling system for students, researchers, and staff. The basic system has been designed by the staff of the Computer Science Department; however, technical engineering services are required from the manufacturer of the computer equipment (IBM) to effectively and efficiently orient the ARAMIS program for use with the 360 computer system.

It is estimated that approximately 270 hours of skilled programmer assistance is required during a period of one year to advise and assist the DCL personnel in developing the special computer programs using the IBM 360 hardware and operating systems already in use. The hourly rate for this service is \$35.00, for a total estimated expenditure of \$9,450, subject to the need and the availability of funds.

The President of the University, with the concurrence of appropriate administrative officers, recommends that the Board authorize the Comptroller and the Secretary of the Board of Trustees to execute such contracts or other appropriate documents, as may be necessary to engage the IBM technical services required.

On motion of Mr. Swain, authority was given as recommended by the following vote: Aye, Mr. Clement, Mr. Hughes, Mr. Swain; no, none; absent, none.

**AGREEMENT FOR DATA SYSTEMS ENGINEERING SERVICES FOR THE  
UNDERGRADUATE LIBRARY CIRCULATION SYSTEM, URBANA**

(20) Until recently the International Business Machines Corporation leased equipment which included free systems software (program) services. However, the equipment lease and systems engineering services costs have been separated.

Since the University leases and/or owns IBM computer equipment, it is necessary to acquire certain technical assistance from the IBM Corporation under a systems engineering service agreement in order to efficiently develop and/or implement new software (programs).

The Urbana-Champaign Library is planning new and improved techniques to solve operational problems associated with the Undergraduate Library Circulation System.

Neither the Library nor the University has the available expertise to carry out the feasibility, planning, and implementation of software (programs) to be used in the Office of Administrative Data Processing.

The IBM Corporation has assisted other University and public library agencies in developing and implementing circulation systems. This expertise can be utilized through an IBM technical engineering service contract to develop an improved Undergraduate Library Circulation System.

It is recommended that a program be authorized to contract for the following technical services:

		<i>Estimated Hours</i>	<i>Hourly Rate</i>	<i>Estimated Total</i>
Phase I:	Feasibility Study.....	132	\$28 00	\$3 696 00
Options:	Subject to the need and availability of funds			
Phase II:	Application Design and Development.....	264	28 00	7 392 00
Phase III:	On-line Circulation Control System.	264	28 00	7 392 00

The President of the University, with the concurrence of appropriate administrative officers, recommends that the Board authorize the Comptroller and the Secretary of the Board of Trustees to execute such contracts or other appropriate documents as may be necessary to engage the IBM technical engineering services required.

On motion of Mr. Clement, authority was given as recommended by the following vote: Aye, Mr. Clement, Mr. Hughes, Mr. Swain; no, none; absent, none.

#### RENEWAL OF CONTRACT WITH OZARK AIR LINES

(21) The Director of the Institute of Aviation and the Vice President and Comptroller recommend renewal of the lease with Ozark Air Lines, Inc. for the use of the University of Illinois-Willard Airport for five years, effective July 1, 1969, on the following terms:

1. Airport Use Fee (called Landing Fee in preceding contract) — 2 per cent of the gross on-line revenues generated in Champaign-Urbana, Illinois, with a stipulated minimum payment of \$1,200 per month (minimum of \$14,400 per year).
2. Supplies, equipment, tools, or the use thereof — University's current retail price.
3. Space and equipment rental:
  - a. Office space — \$4 per square foot per year. A total of 1755 square feet is assigned to Ozark, making the annual rental \$7,020.
  - b. Storage space — 100 square feet at \$1 per square foot per year or \$100 per year.
  - c. Radio Transmitter Room — 32 square feet at \$60 per year.
  - d. Use of loudspeaker — \$10 per month or \$120 per year.
  - e. Out-Station maintenance space in the Terminal Building basement — 150 square feet at \$3 per square foot per year or \$450 per year.

I concur.

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

#### PURCHASES

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

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

The total amounts of these purchases were:

*From Appropriated Funds*

Recommended ..... \$343 951 72



*From Institutional Funds*

Authorized.....	9 980 00
Recommended .....	578 539 34
<i>Total</i> .....	<u>\$588 519 34</u>
<i>Grand Total</i> .....	<u>\$932 471 06</u>

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

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

**COMPTROLLER'S REPORT OF PURCHASES APPROVED**

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

This report was received for record.

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

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

**Medical Center***New Contracts*

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
State of Illinois Department of Mental Health:		
17-23	Psychosomatic differentiation in infancy	\$ 48 000
17-130	Relationship of neonatal hypoglycemia to neurological damage in prematurely born infants	44 098
17-237	Immunologic diagnosis of intrauterine infection and its relationship to congenital cerebral abnormalities and mental retardation	30 820
17-344	Fetal and neonatal asphyxia; adverse effects on the distribution of blood flow to the brain and their correction	45 551
State of Illinois Department of Public Health	Effect of nitrates in drinking water on fetal and infant morbidity and mortality rates	25 000
<i>Total</i>		<u>\$193 469</u>

**Urbana-Champaign***New Contracts*

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
State of Illinois Department of Aeronautics 70-A-12-503	Improvements at University of Illinois-Willard Airport	\$200 000
United States Department of Health, Education, and Welfare OEC-0-9-230492-4545	Behavioral objectives in English, grades 9-12	250 000
<i>Total</i>		<u>\$450 000</u>

*Change Orders*

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>
United States Air Force:		
AF-AFOSR-272-67	Electromagnetic properties of materials in the infrared-submillimeter range	34 686
AF-AFOSR-390-67	Modulation and demodulation of coherent optical radiation	25 000
United States Atomic Energy Commission AT(11-1)-790	Ribonucleic acid in the accumulation of ions by plant cells	67 500
<i>Total</i>		<u>\$127 186</u>

**Summary**

Amount to be paid to the University:

Medical Center.....	\$193 469
Urbana-Champaign.....	577 186
<i>Total</i> .....	<u>\$770 655</u>

This report was received for record.

**INVESTMENT REPORT****For the Month of December, 1969****Report of the Finance Committee**

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

*Beckwith*

Purchase:	<i>Per Cent</i>	
\$ 7 000 U.S. Treasury bills due 5/31/70.....	7.20	\$ 6 793 36

*Goldberg*

Purchase:		
\$ 2 000 Walter E. Heller demand notes.....		2 000 00

*Pool*

Sales:		
\$ 93 000 Associates Investment demand notes.....		\$ 93 000 00
75 000 Commercial Credit demand notes.....		75 000 00
2 272 shares Cincinnati Gas and Electric common stock.....		59 640 00
2 000 rts Mortgage Trust Company.....		7 82

Purchase:		
\$ 80 000 Commercial Credit demand notes.....		\$ 80 000 00

**Report of the Comptroller**

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

*Current Funds**Medical Service Plan (Medical Center)*

Purchases:	<i>Per Cent</i>	
\$ 55 000 First National Bank demand notes.....		\$ 55 000 00
50 000 U.S. Treasury bills due 3/26/70.....	5.60	49 076 36
235 000 Jim Walter notes due 4/15/70.....	9.03	227 688 99
150 000 Colorado Interstate note due 7/10/70.....	8.90	140 613 02

*Restricted Group*

Sale:		
\$1 000 000 Atlantic Richfield note due 2/9/70.....		986 500 00

Purchases:		
\$ 500 000 Commodity Credit 8½ per cent notes due 1/15/70.....	8.59	500 000 00
1 000 000 Atlantic Richfield note due 2/9/70.....	9.13	986 250 00
1 000 000 Atlantic Richfield note due 2/9/70.....	9.22	989 861 11
1 000 000 Stokely Van Camp note due 2/16/70.....	9.03	982 003 47
500 000 Colorado Interstate note due 2/18/70.....	8.90	491 493 06
1 000 000 Standard Oil of Indiana note due 3/3/70.....	8.82	978 437 50
1 000 000 Cargill note due 3/4/70.....	8.93	979 583 33
500 000 Republic Steel note due 3/16/70.....	9.19	489 750 00
500 000 Amoco Credit note due 4/1/70.....	9.24	486 875 00
500 000 Colorado Interstate note due 4/1/70.....	9.24	486 875 00
1 000 000 Caterpillar Tractor note due 4/3/70.....	9.35	975 920 14
1 000 000 Avco Delta note due 4/6/70.....	9.48	975 333 33

*Restricted (Chicago Circle)*

Purchases:	Per Cent	
\$ 45 000 Associates Investment demand notes.....		45 000 00
250 000 Amoco Credit notes due 1/15/70.....	8.95	247 904 51
309 000 Cargill notes due 1/15/70.....	8.81	306 821 98
600 000 Bell and Howell notes due 1/16/70.....	8.97	593 787 50

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

Purchase:		
\$120 000 U.S. Treasury bills due 1/31/70.....	6.70	118 586 83

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

Purchases:		
\$102 000 U.S. Treasury bills due 3/12/70.....	7.59	100 246 33
7 500 U.S. Treasury 4 per cent notes due 8/15/72.....		6 904 69

*Kranert Contributions*

Purchase:		
\$240 000 Boise Cascade Home and Land 7 per cent due 6/30/76.....		240 000 00

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

Purchase:		
\$52 000 U.S. Treasury bills due 5/7/70.....	7.42	50 300 07

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

Purchases:		
\$25 000 U.S. Treasury bills due 3/26/70.....	7.35	24 397 50
20 000 U.S. Treasury bills due 3/26/70.....	7.30	19 625 94

This report was received for record.

**QUARTERLY REPORT OF THE COMPTROLLER**

(26) The Comptroller presented his quarterly report to the Board as of December 31, 1969.

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

**HONORARY DEGREES**

(27) The University Senates have recommended that honorary degrees be conferred upon the following and on the occasions indicated.

**Medical Center**

WARREN H. COLE, Professor *Emeritus* and former Head of the Department of Surgery, University of Illinois College of Medicine, the degree of Doctor of Science, to be conferred at the Commencement Exercises on June 12, 1970.

**Chicago Circle**

PAUL H. DOUGLAS, educator and former United States Senator, the degree of Doctor of Laws, to be conferred at the Commencement Exercises on June 14, 1970.

JOHN HOPE FRANKLIN, Professor of History, University of Chicago, the degree of Doctor of Humane Letters, to be conferred at the Commencement Exercises on June 14, 1970.

**Urbana-Champaign**

MAX ABRAMOVITZ, Architect, the Degree of Doctor of Fine Arts, to be conferred at the Commencement Exercises on June 20, 1970.

ROBERT W. HOLLEY, biochemist, the degree of Doctor of Science, to be conferred at the Commencement Exercises on June 20, 1970.

W. MCNEIL LOWRY, Vice President, Ford Foundation, the degree of Doctor of Letters, to be conferred at the Commencement Exercises on June 20, 1970.

ROGER L. STEVENS, Chairman, National Council on the Arts, the degree of Doctor of Letters, to be conferred at the Honors Day ceremonies on May 1, 1970.

I concur in the recommendations of the Senates.

On motion of Mr. Swain, these degrees were authorized as recommended.

#### SEPARATE FUND TO PROVIDE FINANCIAL AID, URBANA

(28) The severity of recent cutbacks in funding for financial aid threatens the opportunities for higher education of large numbers of needy students. Cognizant of the effects that such a condition will have upon their schoolmates, students at the Urbana-Champaign campus developed a plan to help alleviate the stress of financial shortages.

By a 14,879 to 5,025 vote, the students agreed to assess themselves two dollars (\$2.00) per student each semester for the purpose of providing financial aid funds for needy classmates. The referendum provided for the refunding of the two-dollar assessment to those students who desired it. An implication of the vote is the principle of having the assessment matched by the General Assembly.

From the collected funds, the Financial Aid Office at Urbana will make grants to students who qualify for assistance under University rules and regulations for determining need.

In the light of the vote of the students and consistent with the spirit of that vote, and on recommendation of the Chancellor, I request approval in principle of the creation of a separate fund for the purposes stated, formal action thereon to be deferred until the March, 1970, meeting of the Trustees; and approval of the immediate submission of a request to the State Board of Higher Education for a supplemental budget increase in line with the proposal.

On motion of Mr. Swain, approval was given as requested.

#### MEMORIAL TO MRS. HELEN M. GRIGSBY

Mr. Swain presented the following:

The Board of Trustees of the University of Illinois records with profound sorrow the death on February 9, 1970, of Mrs. Helen M. Grigsby, a former member of this Board.

Active in many statewide organizations, Mrs. Grigsby served as department president of the Women's Relief Corps in 1932, as state vice regent of the Daughters of the American Revolution, and as a member of the Illinois Society of Mayflower Descendants, the Colonial Dames of America, and the Eastern Star.

Like her ancestors who migrated to the area in 1820 and helped found Pittsfield, she was also active in politics, serving as a delegate to the Republican National Convention in 1928 and 1932.

Although she did not attend the University of Illinois, she was devoted to the task of being a trustee and was very active in the work of Board committees. Her terms as Trustee, from 1921 to 1933 and from 1941 to 1947, covered a period when travel was not easy, but she seldom missed a meeting of the Board. As an ex officio member of the University of Illinois Citizens Committee, Mrs. Grigsby continued her interest in the affairs of the University after her terms as Trustee were ended.

This memorial is presented for the public record as a tribute to a former colleague and a devoted citizen, and an expression of sympathy to her family.

This memorial was adopted by a standing vote.

#### DEGREES CONFERRED

The Secretary presented for record the following list of degrees conferred at the Urbana-Champaign campus on February 16, 1970.

#### Summary

Graduate College	
Doctor of Philosophy.....	159
Doctor of Education.....	15
Doctor of Musical Arts.....	3
Master of Arts.....	98

Master of Science.....	304
Master of Music.....	5
Master of Education.....	80
Master of Social Work.....	49
Master of Television.....	1
Master of Architecture.....	2
Master of Accounting Science.....	8
Master of Business Administration.....	6
Master of Commerce.....	2
Master of Comparative Law.....	2
Master of Extension Education.....	1
Master of Landscape Architecture.....	4
Master of Urban Planning.....	1
Master of Laws.....	1
Advanced Certificate.....	12
<i>Total, Graduate College.....</i>	<i>(753)</i>
College of Agriculture	
Bachelor of Science.....	79
College of Engineering	
Bachelor of Science.....	285
College of Liberal Arts and Sciences	
Bachelor of Arts.....	245
Bachelor of Science.....	136
<i>Total, College of Liberal Arts and Sciences.....</i>	<i>(381)</i>
College of Law	
Juris Doctor.....	14
College of Education	
Bachelor of Science.....	75
College of Commerce and Business Administration	
Bachelor of Science.....	152
College of Communications	
Bachelor of Science.....	32
College of Fine and Applied Arts	
Bachelor of Architecture.....	43
Bachelor of Arts.....	1
Bachelor of Fine Arts.....	43
Bachelor of Landscape Architecture.....	1
Bachelor of Music.....	7
Bachelor of Science.....	10
Bachelor of Urban Planning.....	4
<i>Total, College of Fine and Applied Arts.....</i>	<i>(109)</i>
College of Physical Education	
Bachelor of Science.....	25
<i>Total, Degrees Conferred at the Urbana-Champaign Campus.....</i>	<i>1,905</i>

## GRADUATE COLLEGE

## Degree of Doctor of Philosophy

*In Accountancy*

CHARLES DAVID BARON, B.S., Southwest Missouri State College, 1962; A.M., University of Missouri, 1963

ANDREW AMIL HARRIED, B.A., Hastings College, 1962; M.A.S., 1964

HUEY NELSON LUNN, B.S.B.A., M.S., University of Tennessee, 1952, 1959

*In Aeronautical and Astronautical Engineering*

ALBERT GEORGE BENNETT, JR., B.S., Mississippi State University, 1959; M.S., 1964

JOHN STEPHEN KIRBY, B.S., M.S., 1964, 1967

SURYANARAYANIAH RAJAN, B.E., University of Mysore, 1961; M.E., Indian Institute of Science, 1963

*In Agricultural Economics*

PETER JAMES BARRY, B.S., M.S., 1963, 1964

SHRIDHAR PRASAD PANT, B.Sc.Ag., M.Sc., Agra University, 1945, 1948  
 JAMES DWIGHT SULLIVAN, B.Sc.Agr., M.Sc., Ohio State University, 1965, 1966

*In Agricultural Engineering*

GARY DEAN BUBENZER, B.S., M.S., Purdue University, 1962, 1964  
 JOHN WILLIAM HUMMEL, B.S., M.S., University of Maryland, 1964, 1966

*In Agronomy*

RAMESHWAR PRASAD AGRAWAL, B.Sc., Nagpur University, 1947; Assoc. Dipl., Indian Agricultural Research Institute, 1949; M.S., 1961  
 SHUBHADA MOHAN NAIK, B.Sc., M.Sc., Nagpur University, 1963, 1965  
 KANTILAL MAFATLAL RAWAL, B.Sc., M.Sc., Gujarat University (India), 1961, 1964  
 NEIL EDWARD SMECK, B.Sc., M.Sc., Ohio State University, 1963, 1966  
 LAFAYETTE THOMPSON, JR., B.S., North Carolina State University at Raleigh, 1965

*In Animal Science*

SHRIRANG PARSHURAM NETKE, B.Sc., University of Bombay, 1950; M.S., 1959

*In Anthropology*

STEPHEN IDE THOMPSON, B.A., Hobart College, 1960

*In Biology*

JAMES DELBERT FISHER, B.Sc.Agr., Ohio State University, 1964; M.S., 1966  
 PAUL WILLARD MORRIS, B.S., 1966

*In Botany*

GERALD LEE KREITNER, B.S., M.S., 1963, 1966  
 DAVID JOSEPH SIEREN, B.A., Northland College, 1963; M.S., 1965

*In Business*

CARLTON PALMER MCNAMARA, A.B., Colgate University, 1963; M.B.A., Columbia University, 1966

*In Chemical Engineering*

GERALD WILLIAM COOK, B.S., Gonzaga University, 1964; M.S., 1967  
 WALTER LEWIS HEITZ, B.S.Chem.E., Stanford University, 1965; M.S., 1967  
 KIN FAI WONG, B.S.E., Arizona State University, 1965; M.S., 1967

*In Chemistry*

EDWARD FRANK BERTRAM, B.Sc., University of Alberta, 1965  
 ELIZABETH JÁRMAY BILSON, License ès Sciences, Université de Paris, 1960; M.S., 1963  
 DANIEL BENJAMIN DIXON, B.S., Georgia Institute of Technology, 1963; M.S., 1966  
 JOHN HUGH ENGELMANN, B.S., University of Wisconsin-Milwaukee, 1964  
 ROBERT ARCHIE GARDINER, B.Sc., University of Alberta, 1964; M.S., 1966  
 GARY HORLICK, B.Sc., University of Alberta, 1965  
 MING-CHU HSU, B.S., National Taiwan University, 1966; M.S., 1968  
 EDWARD FRANK JOHNSON, B.S., University of Arizona, 1965  
 FRANK SCOTT KENNEDY, B.S., Washington and Lee University, 1966  
 JAMES WILLIS KIRKPATRICK, B.S., M.S., Western Illinois University, 1958, 1960  
 THOMAS JOHN KISTENMACHER, B.S., Iowa State University, 1965; M.S., 1967  
 SPENCER MILTON KRUEGER, B.A., North Central College, 1965  
 CHARLES ROBERT PAYET, B.S.Chem., University of North Carolina at Chapel Hill, 1966; M.S., 1968  
 RICHARD EDWIN PEAVY, B.S., University of Wisconsin, 1964; M.S., Bucknell University, 1966  
 SHERRY FREAM QUEENER, B.S., Oklahoma Baptist University, 1965; M.S., 1968  
 STEPHEN WYATT QUEENER, B.A., Wabash College, 1965; M.S., 1968  
 DONALD CHARLES SCHLEGEL, B.S., Muhlenberg College, 1965; M.S., 1967  
 WILLIAM DUANE SHERMER, B.S., University of Missouri (Rolla), 1964; M.S., 1967  
 DAVID ALEXANDER SIMPSON, B.S., Allegheny College, 1965; M.S., 1968  
 HYUNSOO So, B.Sc., Seoul National University, 1963  
 ARTHUR MILFORD VANARENDONK, A.B., DePauw University, 1963; M.S., 1965

*In Civil Engineering*

- ARIE BEN-ZVI, B.Sc., M.Sc., Technion, Israel Institute of Technology, 1963, 1965  
SURENDRA KUMAR GOEL, B.E., M.E., University of Roorkee, 1958, 1962  
PETER CLAUS KOHNKE, B.S.C.E., Purdue University, 1963; M.S., 1966  
JAMES EUGENE MONSEES, B.S., M.S., University of Missouri, 1960, 1961  
CHARLES HOWARD NEUBAUER, JR., B.S., The Citadel, 1960; M.S., 1962  
HENNING OTTSEN, B.S.C.E., New Mexico State University, 1965; M.S., 1967  
WILLIAM THOMAS PAINTER, D.I.C., University of London, 1963; M.Sc.C.E., University of Alberta, 1965  
HORMOZ PAZWASH, Dipl., University of Tehran, 1963; M.S., 1966  
HSUEH-SHENG TS'AO, B.S.E., National Taiwan University, 1961; M.S.C.E., California Institute of Technology, 1964  
RAYMOND CHUN-TSUNG WANG, B.S., National Taiwan University, 1964; M.S., University of Mississippi, 1966  
ROBERT HILTON WORTMAN, B.S.C.E., University of New Mexico, 1957; M.S., 1963

*In Communications*

- ROY KENNETH HALVERSON, B.S., M.S., University of Wisconsin, 1957, 1963  
KENT WILLIAM KELLING, B.S., 1960

*In Comparative Literature*

- NOAH MARCELL, B.A., M.A., Roosevelt University, 1957, 1962  
SAMIR HABIB RIZK, B.B.A., University of Miami, 1955; B.A., Damascus University, 1962; A.M., 1965

*In Computer Science*

- FRANK TUAN-LIN CHEN, B.S., Taiwan Provincial Taipei Institute of Technology, 1961; M.S., Iowa State University, 1965  
CLARENCE ARTHUR ELLIS, B.A., Beloit College, 1964; M.S., 1966

*In Economics*

- DENNIS EDGAR BOLAND, A.B., University of Michigan, 1965; A.M., 1967  
JERROLD MELVIN PETERSON, A.B., Knox College, 1962; A.M., 1967  
MILTON BEMENT REDMAN, B.S., M.S., Illinois State University, 1958, 1963  
JUSTIN DAVID STOLEN, B.A., St. Olaf College, 1963; A.M., 1965

*In Education*

- MING CHU CHANG, B.A., Taiwan Cheng Kung University, 1961; M.A., Illinois State University, 1967  
DONALD JAMES CUNNINGHAM, A.B., Wittenberg University, 1965; A.M., 1967  
CLYDE ALAN DILLEY, B.A., University of Northern Iowa, 1953; M.A., Northwestern University, 1959  
SHARON WEISKOPF EGGERS, B.S., 1959; M.S., Illinois State University, 1961  
GLEN EDWARD HUBELE, B.S., Ed.M., 1955, 1956  
RENNER ERIC MONDEH, B.A., Fourah Bay College (Sierra Leone), 1963; Ed.M., 1964

*In Electrical Engineering*

- DAVID HAMILTON COWLING, B.S., Washington University, 1958; M.S., 1967  
GORDON WAYNE DAY, B.S., M.S., 1966, 1967  
LEONARD FORBES, B.Sc., University of Alberta, 1962; M.S., 1963  
BILL JO HUNSINGER, B.S., 1961; M.S.E.E., Bradley University, 1966  
ERLIND GEORGE ROYER, B.S., Montana State University, 1961; M.S., Stanford University, 1962  
ROGER WALTER UHLHORN, B.S., M.S., 1965, 1966  
PAUL ERNEST WESTON, B.A., Wesleyan University, 1956; M.S., 1958

*In English*

- JOHN FRANCIS CALLAHAN, B.A., University of Connecticut, 1963; A.M., 1964  
CLAYTON CLARK REEVE, B.A., Beloit College, 1958; M.A., University of Chicago, 1960

*In Entomology*

- WILLIAM ROBERT CAMPBELL, B.S., M.S., Virginia Polytechnic Institute, 1963, 1966  
ROSCOE RANDELL, B.S., M.S., 1951, 1959

CHING-CHIEH YU, B.S., Taiwan Provincial Chung-Hsing University, 1962; M.S., University of Georgia, 1966

*In Finance*

RUST FLUEKIGER GRAY, JR., B.A., DePauw University, 1960; M.B.A., Miami University, 1963

*In Food Science*

LARRY WILLIAM CLARK, B.S., 1963

*In Geography*

ROGER WILLIAM PEARSON, B.S.Ed., Illinois State University, 1963; A.M., 1965

LARRY WAYNE PRICE, B.S., Eastern Illinois University, 1963; M.S., 1965

*In Geology*

SHERWOOD WILLING WISE, JR., B.S., Washington and Lee University, 1963; M.S., 1965

*In German*

DAVID JACK WILSON, A.B., A.M., University of Michigan, 1960, 1961

*In History*

JACK RICHARD DUKES, B.A., Beloit College, 1963; M.A., Northern Illinois University, 1966

RONALD MABERRY JOHNSON, A.B., College of Emporia, 1961; M.A., University of Kansas, 1965

ROGER SCHLESINGER, A.B., Hofstra College, 1964; A.M., 1965

*In Labor and Industrial Relations*

JOHN RODNEY NILAND, B.Com., M.Com., University of New South Wales, 1963, 1967

*In Library Science*

SHEILA JOAN KELLEY BERTRAM, B.Sc., McMaster University, 1962; B.L.S., University of Toronto, 1963; M.S., 1966

LUCILLE MATHENA WERT, A.B., Morningside College, 1942; S.B., Simmons College, 1945; M.S., 1963

*In Mathematics*

ROBERT LANDIS LONG, B.S., Haverford College, 1966

DEAN PAUL McCULLOUGH, B.S., Montana State University, 1964; M.S., 1965

BALRAM SINGH RAJPUT, M.Sc., Agra University, 1960; M.S., 1966

STEVEN JOEL TAKIFF, A.B., M.S., University of Michigan, 1963, 1964

NEAL RICHARD WAGNER, A.B., University of Kansas, 1962; A.M., 1964

JANICE ROSE ZEMANEK, B.S., University of Wisconsin, 1964; A.M., 1965

*In Mechanical Engineering*

JOAQUIM SEVERINO DE PAIVA NETTO, Eng.Aero., Instituto Tecnológico de Aeronáutica (Brazil), 1959; M.S., 1964

PETER FREDERICK LILIENTHAL II, B.S.M.E., Norwich University, 1961; M.S., Worcester Polytechnic Institute, 1963

*In Metallurgical Engineering*

SUKUMAR JANA, B.E., University of Calcutta, 1963; M.S., 1966

HASSELL MARION LEDBETTER, JR., B.S., Wayne State University, 1961; M.S., 1962

EDMUND ALAN MERRIMAN, B.S.E., University of Michigan, 1961; M.S., 1965

THOMAS JOHN PATRICIAN, B.S., M.S., Pennsylvania State University, 1963, 1965

CHARLES RUSSELL RAREY, B.S.Met.E., Purdue University, 1965; M.S., 1966

*In Mining Engineering*

GIORGIO RANALLI, Dott.Sc.Geol., University of Rome, 1963; M.S., 1968

*In Nuclear Engineering*

WILLIAM EDWARD BURCHILL, B.S.Met.E., University of Missouri (Rolla), 1964; M.S., 1965

NORTON LESLIE SHAPIRO, B.S., M.S., 1964, 1966



*In Nutritional Sciences*

GERALD HARVEY ANDERSON, B.Sc., M.Sc., University of Alberta, 1964, 1966  
MATHEW MATHAI MADAPPALLY, B.Sc., University of Kerala, 1959; M.Sc., University of Baroda, 1965

*In Philosophy*

RICHARD WARNER MILLER, B.A., Colorado State University, 1964; A.M., 1966

*In Physical Education*

RONALD EDWARD BOLE, B.A., Macalester College, 1962; M.A., Central Michigan University, 1964

*In Physics*

JACK BENNET BARENGOLTZ, B.S., Carnegie Institute of Technology, 1965; M.S., 1967

WILLIAM PAUL BLEHA, JR., B.S., M.S., 1964, 1966

GERALD DAVID CHANDLER, B.S., California Institute of Technology, 1963; M.S., 1965

DONALD EDWARD CULLEN, B.S., M.S., 1961, 1962

WILLIAM STEINLE DE ROSSET, B.A., Johns Hopkins University, 1964; M.S., 1966

LEWIS SELIG EDELHEIT, B.S., M.S., 1964, 1966

DAVID EDGAR EDWARDS, JR., B.S., M.S., 1964, 1966

JOHN RICHARD EDWARDS, B.S., University of Arizona, 1961; M.S., Stevens Institute of Technology, 1963

RALPH THOMAS EDWARDS, B.S., University of Michigan, 1963; M.S., 1965

KENNETH EDWARD EVANS, JR., B.S., M.S., 1963, 1964

HOWARD ALLAN GORDON, B.S., M.S., 1964, 1966

RICHARD TORSTEN JOHNSON, A.B., Grinnell College, 1963; M.S., 1964

DAVID LEE KOHLSTEDT, B.S., Valparaiso University, 1965; M.S., 1967

LAURENCE LEE ROSIER, B.S.E.E., M.S., University of New Mexico, 1959, 1961

WARREN EUGENE SHUFELDT, B.S., M.S., 1964, 1966

JAMES JONATHAN WHITMORE, A.B., M.A., University of California, 1964, 1966

*In Physiology*

ANTHONY BERNARD DEANGELO, B.S., M.S., Pennsylvania State University, 1963, 1965

*In Plant Pathology*

ABDUL-LATIF BAHJAT SHAWKAT, B.Sc., University of Baghdad, 1955; M.S., 1965

*In Political Science*

LAURENCE CONGER THORSEN, B.A., Knox College, 1959; A.M., 1966

*In Psychology*

JAMES FREDRICK COLLINS, A.B., 1963

KAREN VEAZIE DAVIS, A.B., San Diego State College, 1965; A.M., 1968

ANNE VERONICA GORMLY, B.A., Rhode Island College, 1966; A.M., 1968

DAVID JOEL GREENBERG, B.S., Cornell University, 1964; A.M., 1968

RICHARD LIONEL HAGEN, B.Mus., American Conservatory of Music, 1961; A.B., A.M., 1964, 1968

SARAH ANN JOHNSON, B.A., Carleton College, 1962

TERRY WAYNE OWEN, A.B., Heidelberg College, 1963; M.A., Bucknell University, 1965

DONALD LEE SCHURMAN, B.A., University of Texas at Arlington, 1966

SANDRA SERENA SMILEY, B.A., Whittier College, 1964; A.M., 1966

*In Sociology*

LOUIS ROWITZ, B.S., A.M., 1959, 1963

*In Spanish*

RICHARD BARRY KLEIN, B.A., Elmhurst College, 1960; A.M., 1962

ISAIAS LERNER, Profesorado de enseñanza secundaria, Universidad de Buenos Aires, 1959

*In Speech*

JOHN ALFRED JONES, B.A., M.A., University of Washington, 1958, 1961  
JOHN BERNARD WEAVER, B.S., A.M., 1956, 1958

*In Theoretical and Applied Mechanics*

CONWAY CHAN, B.S., M.S., University of California, 1961, 1962  
BRUCE MICHAEL HANNON, B.S., M.S., 1956, 1966  
MARVIN LYNN JANSSEN, B.S., M.S., 1964, 1966  
PETER JANZEN, B.Sc., University of Alberta, 1961; M.S., 1963  
RAYMOND ALFRED WILLEM, B.S., M.S., 1959, 1960

*In Veterinary Medical Science*

YUNG-HUET KUO, B.S., National Taiwan University, 1960; M.S., 1966  
UTE URIAS HERBERT MORRIS BISETTE, D.V.M., Universidad Central de Venezuela, 1959; M.S., 1968  
SOHAN PRASAD SAXENA, B.Sc., Agra University, 1943; Dipl., Bombay Veterinary College, 1948; M.S., 1959

**Degree of Doctor of Education***In Education*

LARRY BURDEN, A.B., M.A., Pacific University, 1952, 1956  
JAMES ROY DAVIS, A.B., University of Dubuque, 1960; Ed.M., 1965  
CLARK ELDON HIMMEL, B.S., Western Illinois University, 1960; Ed.M., 1962  
CHARLES LEE JOLEY, B.S., Ed.M., 1953, 1961  
LARRY DEWITT KENNEDY, B.S., A.M., Ball State Teachers College, 1958, 1961  
THEODORE STEPHEN KOLESNIK, B.S., DePaul University, 1953; M.Ed., National College of Education, 1959  
JASPER SLOAN LEE, B.S., M.S., Mississippi State University, 1963, 1966  
WILLIAM JAMES ALOYSIUS MARSHALL, A.B., Stonehill College, 1964; M.S.Ed., Gallaudet College, 1965  
RUDOLPH GUSTAVE POHL, B.A., Rutgers University, 1952; M.S., Syracuse University, 1953; M.A., University of Colorado, 1959  
VICENTE ABOBO QUITON, B.S., Silliman University, 1961; M.S., University of the Philippines, 1966  
LILLIAN POWERS STINSON, B.S., Ed.M., 1958, 1964  
GERALD UNKS, B.S., 1958; M.A., Bradley University, 1961  
GORDON EDWARD VAN HOOFT, B.A., Hobart College, 1938; Ed.M., University of Rochester, 1946  
WILLIAM ROSS ZBINDEN, B.S., Illinois State University, 1960; Ed.M., 1963

*In Music Education*

GERALD KERN GROSE, B.S., M.S., 1960, 1962

**Degree of Doctor of Musical Arts**

KENNETH OSCAR DRAKE, B.Mus., M.Mus., University of Rochester, 1952, 1953  
BARBARA RAINWATER FOSTER, B.F.A., M.F.A., University of Georgia, 1958, 1960; M.Mus., 1963  
FRANK LOUIS PULLANO, B.S., State University College at Fredonia (New York), 1956; M.S., 1958

**Degree of Master of Arts***In Anthropology*

ROBERT WESSING, A.B., 1966  
NANCY JANE WILSON, B.A., Northwestern University, 1968

*In Chemistry*

HARRIET PARKER, B.A., Northwestern University, 1968

*In Classics*

PAUL LESLIE FLACK, B.A., University of Toronto, 1964  
BARBARA JEAN PRICE, B.A., Mary Washington College, 1968  
PATRICIA ALICE STAPLETON, B.A., State University of New York (Buffalo), 1968

*In Comparative Literature*

ALFONSO RUBIANO, A.B., 1966

*In Dance*

MARY O'DONNELL FULKERSON, A.B., 1968

SUZANNE JOYCE LAST, B.A., University of Maryland, 1965

*In Economics*

JAMES ALAN DYAL, A.B., Bucknell University, 1966

JAMES THOMAS HANNON, B.S., Illinois State University, 1968

JOYCE DAVIES LINNE, B.S., Illinois State University, 1967

CRAIG VINCENT McDONOUGH, B.B.A., Pace College, 1968

STEPHEN BYRON TARR, B.A., Cuttington College, 1966

*In Education*

NICOLÁS RAÚL ALBERTO BARROS, Prof., National Institute for Secondary School Teachers, 1954

ELIZABETH MARY CAMPBELL, B.A., University of Otago, 1947

SHELLA RICHMOND GOLDBERG, A.B., 1969

PATRICIA MARY KUCABA, B.A., Mundelein College, 1952; M.Ed., DePaul University, 1956

*In English*

MARILYN GIBSON BELMAN, B.A., North Central College, 1961

ELEANOR ELFRIEDA BERGHOLZ, B.A., Purdue University, 1964

MARLENE MICHELE JOHNSON BROWN, B.A., Lake Forest College, 1967

STEPHEN LYLE FRANKLIN, B.A., Bradley University, 1968

TINA HACKER, A.B., 1968

JAMES LOWELL HARNER, B.S., Indiana State University, 1968

TERRY ALFRED HUNTER, B.A., Kent State University, 1968

MARIE ANNETTE KLEIN, B.A., Southern Illinois University, 1964

DIANE CHRISTINE LALLY, A.B., Mundelein College, 1968

JENNIFER GOTTSBERGER LOFTUS, A.B., 1968

FREDRICK PRESTON, JR., B.A., Ball State University, 1965

WALTER OLIVER ROSENQUIST, JR., B.A., Concordia College, 1966

JOHN THOMAS SMITH, B.A., Michigan State University, 1968

THEODORE LOUIS STEINBERG, B.A., Johns Hopkins University, 1968

BARBARA JEAN WALLEN, A.B., 1965

*In French*

CAROLE MADELEINE DEERING, B.A., 1968

DJENAT MOHAMED KHALED GHAZI, B.A., Alexandria University, 1964

JANET MARGARET SALMON, A.B., Simmons College, 1968

*In German*

RENATE MARIA ASCHOBBER, B.A., Mundelein College, 1967

EDITH C. SCHENK, B.A., Queens College, 1968

JANE MARIE WEISEMANN, B.A., DePaul University, 1968

*In History*

VANCE ELLIOTT BURKE, A.B., 1967

JANET LORRAINE CRIST, A.B., 1965

FREDERICK TAYLOR DEARBORN, A.B., 1968

CURTIS WENDELL FISHER, B.A., Kalamazoo College, 1964 (Posthumously)

YVONNA SESSIONS, B.A., Michigan State University, 1967

TIMOTHY CRANDALL SULLIVAN, B.A., University of Notre Dame, 1968

*In Labor and Industrial Relations*

STANLEY ROBERT BATH, B.A., University of Nottingham, 1968

GEORGE ROBERT FLEISCHLI, B.S., LL.B., 1962, 1965

HUGH JAMES IVORY, B.A., Queens College, 1965

SPENCER HERBERT LEWIS, JR., A.B., Lincoln University, 1961

JOHN ROBERT MITCHELL, B.S.I.M., University of Cincinnati, 1967

*In Latin*

SILKE-MARGARETE JUNGE, University of Hamburg

*In Linguistics*

JOANNE TAVLOS CARLSEN, A.B., 1964

SUSAN FRED SCHMERLING, A.B., 1968

*In Mathematics*

FRED BALL, JR., B.S., Southwest Texas State Teachers College, 1952; M.Mus., University of Texas, 1955

ROBERT ANDREW BURNETT, B.S., Pennsylvania State College (Mansfield), 1968

LYNN MARIE JENSEN, B.A., Trinity College (Illinois), 1968

DAVID LAWRENCE KIBBEY, A.B., 1968

JANET DUGGER NELSON, A.B., MacMurray College, 1968

*In Philosophy*

DOUGLAS SHELDON ALFORS, B.A., Concordia College, 1966

JOHN WALTER LYNES, JR., A.B., Gettysburg College, 1964; B.D., Yale University Divinity School, 1967

TERRIE TUCKETT MCINTOSH, B.A., University of Utah, 1967

DIANE LEE STEINBERG, B.A., University of Chicago, 1964

*In Political Science*

JOAN CAROL CLEMENTS, B.A., University of Louisville, 1968

JERROLD VALIANT HOBFOLL, A.B., 1968

ROBERT WILLIAM MEYER, A.B., Bradley University, 1964

YUKO AKIYOSHI NIHEI, B.A., M.A., Keio University, 1964, 1967

LAURENCE ALAN PERLMAN, B.A., Oglethorpe College, 1968

*In Psychology*

JEROME BERNARD ALBERT, B.A., City University (New York), 1966

WILLIAM HENRY CROOKS, B.S., Oregon State University, 1966

EDNA ISBY FOA, B.A., Bar Ilan University, 1963

THOMAS RAY STEWART, B.A., College of Wooster, 1966

LAURA HEMWALL WATSON, A.B., Wheaton College, 1967

STANLEY BERNARD WOLL, B.A., Washington University, 1967

*In Social Sciences*

AMY LOUISE LEVINE, A.B., 1968

*In Sociology*

VICTOR INDRA BLESSING, A.B., 1967

REED ELLIS COLEMAN, B.S., Grambling College, 1957

JEANNE ABBOTT ITO, B.A., College of William and Mary, 1967

HOWARD DAVIS LERNER, B.S., 1968

JOHN SALTIEL, A.B., 1965

JAMES PETER SIKORA, B.A., Southern Illinois University, 1968

*In Speech*

MARY MARGARET COUGHLIN, A.B., 1969

TANYA MARIE GALLAGHER, B.S., 1967

MONICA MARIE MANNING, A.B., 1968

EVELYN CAROL PAYNE, A.B., 1967

ANN JAYNA QUIGLEY, B.A., State University of New York (Oswego), 1967

*In the Teaching of English*

PATRICIA MCCARTY ANDERSON, A.B., Olivet Nazarene College, 1962

LYNN KAY CHMELIR, A.B., 1967

SUSAN GLOVER FAIRCHILD, A.B., 1967

BARBARA JEAN MODICA, A.B., 1966

PATRICIA DOYLE SCHURTER, A.B., MacMurray College, 1966

*In the Teaching of English as a Second Language*

LUBITSA NENADOVICH KATZ, A.B., Gettysburg College, 1945; M.A., Johns Hopkins University, 1956

KANUMOORY VEERA VENKATA LAKSHMI NARASIMHA RAO, B.A., Andhra University, 1960; M.A., Sri Venkateswara University, 1962; Ph.D., Agra University, 1967

*In the Teaching of Social Studies*

LOIS BARRY CARROLL, B.A., Wagner College, 1968

JAMES STEWART JONES, A.B., 1969

RICHARD ALBERT KELLER, B.A., University of Iowa, 1968

*In the Teaching of Spanish*

SUE TAYLOR BERTOLEIT, A.B., 1968

*In the Teaching of Speech*

JOELLEN BRISCOE LANG, B.F.A., University of New Mexico, 1960

*In Theatre*

MARY ANN SAFERSTEIN, B.A., 1969

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

KATHLENE HOHMANN BISSELL, B.S., 1968

PATRICIA ANN CLICKENER, B.S., 1964

DENNIS MICHAEL CORRIGAN, A.B., University of Notre Dame, 1966

RAYMOND EDWARD DRYDEN, B.A., Texas Christian University, 1969

DONNE-KO HONG, B.A., National Taiwan University, 1966

LUCINDA LONG HOVESKELAND, B.A., Texas Christian University, 1967

ANN FRANCES LOWRY, B.S., Iowa State University, 1968

JAMES DOUGLAS MUIR, B.S., Miami University, 1967

DONALD ANDREW NEWGREN, B.F.A., 1964

JEFFREY BRIAN ROBINSON, B.S., Northwestern University, 1968

JAMES RAY WATSON, B.S., Northwestern University, 1939

*In Aeronautical and Astronautical Engineering*

WEI HANG CHU, B.S., 1967

EMMETT FRANCIS KRAUS, B.M.E., Gannon College, 1966

RICHARD LEE TATE, B.S., 1961

*In Agricultural Economics*

KLAUS FRIEDRICH ALT, B.S., Oregon State University, 1968

RONALD FRANK EICKHORST, B.S., 1969

RONALD JAY HANSON, B.S., Western Illinois University, 1968

WARWICK ALEXANDER PAPST, B.Ag.Sc., University of Melbourne, 1967

DAVID CHARLES PETRITZ, B.S., 1967

DAVID BRUCE REYNOLDS, B.S., 1968

ROGER EUGENE SCHNEIDER, B.S., 1968

JOHANN WEINDLMAIER, Dipl. Ing., University of Vienna, 1967

*In Agricultural Education*

HURSHIEL EUGENE CRAIG, B.S., 1958

*In Agricultural Engineering*

ROGER WAYNE CURRY, B.S., 1965

JOHN CARL KNOBLOCH, B.S., 1966

MICHAEL FAIVRE WALTER, B.S., 1968

*In Agronomy*

RICHARD LEE HURELBRINK, B.S., 1967

*In Animal Science*

DOUGLAS LEE HIXON, B.S., 1968  
GRACE MEI-TONG SHEN, B.S., National Taiwan University, 1968  
BARBARA LYNN SWANSON, B.S., 1968

*In Architectural Engineering*

DAVID ARTHUR MEYER, A.B., 1969  
PIER LUIGI PANICALI, B.Arch., 1968

*In Astronomy*

ROGER AUSTIN HOWERTON, B.S., San Diego State College, 1963  
BRUCE TARO MAEDA, A.B., Indiana University, 1968  
ANTHONY GORDON WILLIS, B.Sc., McGill University, 1968

*In Botany*

JOANN MANGUM HOAGLAND, B.A., Western New Mexico University, 1964  
MELVIN MYRON MARKOWITZ, B.S., City University (New York), 1968  
MARY ELLEN PAYNE, B.A., Lake Forest College, 1964

*In Ceramic Engineering*

CLAUER TRENCH DE FREITAS, Engr.Dipl., University of São Paulo, 1961  
SUZANNE ROSE NAGEL, A.B., Rutgers University, 1968

*In Chemical Engineering*

FREEMAN GERALD CLARK, B.S., University of Washington, 1967  
JOSE MARIA CORONA ARIAS, Ing.Quim., La Universidad Nacional Autonoma de Mexico, 1964

*In Chemistry*

LINDA JEAN CHARPENTIER, S.B., Simmons College, 1968  
RONALD BURRELL CHESMORE, A.B., Colorado State College, 1967  
YUEH-HSIU CHIEN, B.S., National Taiwan University, 1968  
IHH-NAN CHOU, B.S., National Taiwan University, 1966  
MICHAEL JAMES CRAIGIE, B.S., University of Iowa, 1967  
RAMSEY HAMID GITANY, B.S., University of Puerto Rico, 1967  
JOSEPH HERBERT KELLER, B.S., King College, 1968  
ALICE CARTER KIMSEY, B.S., Old Dominion College, 1968  
WILLIAM HARVEY KLEIN, B.S., University of Michigan, 1968  
YUN-KO LEE, B.S., Chung Chi College, 1967  
NAN-I LIU, B.S., Taiwan Provincial Chung-Hsing University, 1967  
JOHN ALLAN REEVE, B.S., University of Wisconsin, 1966  
LAURA CHUN-CHUAN SHIH, B.S.Ag., National Taiwan University, 1968  
LANA SCHAFFER STOLARSKY, B.S., San Diego State College, 1968  
RICHARD BERNARD TIMMER, B.S., Calvin College, 1968  
YU WANG, B.S., National Taiwan University, 1966  
JOHN WESLEY WILLIAMS, B.S., University of Alabama, 1967

*In Civil Engineering*

SALEH ABDULLAH BAKHREBAH, B.S., University of Colorado, 1967  
JAMES EDWARD BARRY, B.A., 1969  
THOMAS JEFFERSON BLACK III, B.S., United States Air Force Academy, 1969  
GERALD CURTIS BROWN, B.S., United States Military Academy, 1964  
THADDEUS HENRY BYSIEK, B.S., St. Procopius College, 1967  
KUO-CHENG CHANG, B.S., National Taiwan University, 1965  
GONZALO CORTES-RIVERA, Ing.Civil, Universidad Nacional de Colombia, 1965  
JON MICHAEL DAVIS, B.S., United States Air Force Academy, 1969  
MICHAEL DOMINIC DEWITTE, B.S., United States Air Force Academy, 1969  
ROBERT PATRICK ELLIOTT, B.S., 1969  
SHAHRUKH ARDESHIR GHASWALLA, B.E., University of Karachi, 1968  
JEFFREY ROY GRIME, B.S., United States Air Force Academy, 1969  
WILLIAM HENRY HANSMIRE, B.S., University of Nebraska, 1968  
LAWRENCE STANLEY HIRSCH, B.S., 1968  
JAMES FREDRICK KAHLE, B.S., 1964

GEORGE WAYNE KAMENICKY, B.S., United States Air Force Academy, 1969  
 JOE HERMAN LEACH, B.S., 1968  
 YING-CHANG LIU, B.S., National Taiwan University, 1967  
 RONALD HARRISON LOVE, B.S., United States Air Force Academy, 1969  
 GARY RICHARD MARINE, B.S., 1969  
 KENNETH WAYNE MCCOLLISTER, B.S., United States Military Academy, 1961  
 JOHN KENNETH REAM, B.S., 1969  
 JOHN ALLEN RICHARDS, B.S., United States Air Force Academy, 1969  
 NGUYEN VAN SA, Dipl., Vietnam Technical Center, 1961  
 MICHEL BASIL SAMOKHINE, B.S., 1969  
 ROBERT JOHN SCHRIER, B.C.E., Villanova University, 1962  
 ALAN HALDANE SCOTT, B.S., United States Military Academy, 1963  
 ROBERT MORTON SEMPLE, B.Sc., University of Strathclyde, 1968  
 HECTOR SERRANO MALPICA, Ing.Civ., La Universidad Nacional Autonoma de Mexico, 1965  
 SO CHING SHIH, B.Sc., Taiwan Provincial Cheng Kung University, 1963  
 GERALD FRANCIS SIMPSON, B.C.E., University of Dayton, 1968  
 ANAND KUMAR SINGH, B.Tech., Indian Institute of Technology (Kharagpur), 1965  
 JAMES DARRELL SPENCER, B.S., 1968  
 STEPHEN DOUGLAS STOWE, B.S., United States Air Force Academy, 1969  
 CHARASPONG THAVARASOOK, B.E., Chulalongkorn University, 1960  
 ROBERT CARL VOLKMAN, B.S., 1969  
 JAMES ROBERT WHITLEY, Jr., B.C.E., Auburn University, 1961  
 CHARLES DAVID WILLIAMS, B.S., Southern University and Agricultural and Mechanical College, 1964  
 WILLIAM EDWARD WITZIG, B.S., 1968  
 JOHN BRUCE WOJAKOWSKI, B.S., 1968  
 ALBERT YAO CHEE WONG, B.Sc., University of Hong Kong, 1968  
 ROY KAZUO YAMASHIRO, B.S., University of Hawaii, 1968  
 CHANG-LUNG YIN, B.S., National Taiwan University, 1966  
 ADOLFO ENRIQUE ZEEVAERT WOLFF, Ing.Civ., La Universidad Nacional Autonoma de Mexico, 1966

*In Computer Science*

HENRY RUSSELL ADAMS, B.S., University of Oklahoma, 1965  
 CARL WAYNE DAVIS, B.I.E., Auburn University, 1968  
 RICHARD EDWARD ISLER, B.S., 1968  
 KARL CORNELL KELLEY, B.S., M.S., 1962, 1963  
 JAMES RALPH LEGG, B.S., Colorado State University, 1968  
 JUDY ANN LENDER, B.A., Southern Illinois University, 1965  
 KIYOSHI MARUYAMA, B.S., Nihon University, 1968  
 MARTIN JOEL MICHEL, B.S., Brown University, 1968  
 MARTIN OZGA, B.S., University of Michigan, 1965  
 RICHARD STUART SWEE, B.S.B.A., Northwestern University, 1967  
 CHIYOZI TANAKA, B.S., Osaka University, 1961

*In Dairy Science*

LYN GALE ASH, B.S., 1968

*In Economics*

JOEL ROBERT HARTEKER, B.S., University of Wisconsin, 1961  
 ALAN DALE KRUG, B.S., 1964

*In Education*

ETHEL ELIZABETH ANDERSON, B.S., 1967  
 KATHLEEN DORE BOYCE, B.A., St. Xavier College, 1967  
 CHARLES DANIEL HANNEN, A.B., 1965

*In Electrical Engineering*

RICHARD ERNEST ANDERSON, B.S., 1967  
 LYNN WARNER BARRY, B.S., 1968  
 CHARLES ALLAN BORCHER, Jr., B.E.E., Georgia Institute of Technology, 1968  
 RAY BOVEN, B.S., Michigan State University, 1962  
 ROUH TYAN BOW, B.S., National Taiwan University, 1965  
 RICHARD MERRITT BURKHART, B.S., 1969

HAN-RU CHO, B.S., National Taiwan University, 1967  
FRANCIS ROBERT COLON, B.S.E.E., Washington University, 1968  
BEN CONTRERAS, B.S., Arizona State University, 1968  
GEORGE ANTHONY COSTELLO, B.S., Northern Illinois University, 1963; B.S., 1968  
PAUL RODGER DAVIS, B.S., University of Alabama, 1963  
THEMISTOCLES HARRY DEMETRAKOPOULOS, B.S., 1968  
JEFFREY MICHAEL FORBES, B.S.E.E., University of Rhode Island, 1968  
JOSE HUMBERTO GARCIA RODRIGUEZ, Ing.E., University of the Andes (Venezuela), 1966  
ROLANDO GINYOVSKY ZECHMEISTER, B.S., 1968  
SAMUEL ANTHONY GUCCIONE, B.S., 1964  
GARY ROBERT GUTH, B.S., 1966  
RICHARD PAUL HARMS, B.S.E.E., Iowa State University of Science and Technology, 1965  
JAN TOROLV HERSTAD, B.S., 1966  
CECIL TZECHOR HO, B.S., Syracuse University, 1968  
JAMES MERRITT JANSEN, JR., B.S., Evansville College, 1967  
WILLIAM HAROLD KENT, JR., B.S., Michigan Technological University, 1968  
WILBUR FRANCIS METCALF, B.S.E.E., University of Missouri (Rolla), 1961  
WERNER PAUL PETZOLD, B.S., 1965  
DONALD RAY SCIFRES, B.S.E.E., Purdue University, 1968  
JERRY JOSEPH SWEENEY, B.S., 1969  
YIU KWAN WO, B.Eng.(Hons.), McGill University, 1967

*In Entomology*

JERALD RAY DEWITT, B.S., Eastern Illinois University, 1967  
HENRY FRANKLIN PIERCE, JR., B.S., 1968  
GARY RICHARD WILSON, B.S., Michigan State University, 1963

*In Finance*

THEODORE EDWARD ALLISON, B.S., 1960  
PAUL ALAN DECKER, B.S., 1968  
FRANK WESTMONT FOLEY, JR., B.S., 1967  
JOHN BOWLES MAJOR, JR., B.S., 1968

*In Food Science*

DANIEL EMERSON GREEN, B.S., 1967

*In Forestry*

RICHARD ALAN BENNETT, B.S., 1965  
DAVID RUSSEL VANCE, B.S., 1967

*In Geography*

JOSEPH LEE SCOTT, B.Sc., Ohio State University, 1965

*In Geology*

WILLIAM JOHN BYRD, B.S., University of Wisconsin (Milwaukee), 1966  
MICHAEL CHARLES MOORE, B.S., Indiana University, 1965

*In Health Education*

ELIZABETH ANN LINDSAY, B.A., University of Western Ontario, 1968

*In Home Economics*

IRENE HARMON BOLDT, B.S., 1967  
MARY ANN KOPP CHILDS, B.S., Syracuse University, 1966  
SUE ALEXANDER GRENINGER, B.S., University of Arizona, 1965  
SARA MAUDLIN GUSTAFSON, B.S., Eastern Illinois University, 1968  
SUSAN ANN HUNTER, B.S., Southern Illinois University, 1968  
JOYCE FLEUR SCOTT LOHMAN, B.S., 1962  
NANCY MARIE RUDD, B.S., Michigan State University, 1967  
CATHERINE KUEN WEI, B.S., Fugen Catholic University, 1967

*In Home Economics Education*

DIANE GWINNE DOBRY, B.S., 1968



*In Horticulture*

DANIEL CHARLES ADJEI-TWUM, B.Sc., University of Science and Technology (Kumasi), 1967

*In Industrial Engineering*

ORLANDO ALEXIS ARMITANO-MATHEUS, Ingeniero Mecanico, Universidad Central de Venezuela, 1967

THOMAS EDWARD DISZ, B.S., 1964

GENE HOWARD MUEHRING, B.S., University of Missouri, 1960

WINSTON PACHECO REVILLA, Egresado, Dipl., Universidad Mayor de San Andres, 1966, 1968

FARAMARZ PETRI, B.S.M.E., Washington University, 1968

*In Journalism*

DAVID HALSTEAD FLORIO, B.S., 1967

JAMES FREDERICK FULLER, B.A., DePaul University, 1966

JOAN MARLA KAYE, A.B., Bard College, 1968

SYLVIA NORTEN SCHACHT, B.S., 1936

*In Library Science*

BARBARA SUE BEAM, B.A., Elmhurst College, 1968

BARBARA STANTON BENNETT, B.A., University of South Florida, 1964

MARY TURNER BLUNK, A.B., 1969

KERRY MARGARET BROWN, B.A., Ohio State University, 1968

ANNE WALLACE CALVERT, B.A., University of Iowa, 1968

NORA JANE CAMBIER, B.A., Blackburn College, 1967

BARTON MARSHALL CLARK, B.A., University of Colorado, 1968

ROBERT ALLEN DAUGHERTY, B.S., St. Louis University, 1967

WYMAN PARKS DECK, B.A., Eureka College, 1966

MICHAEL RALPH GABRIEL, B.A., University of Maryland, 1969

LOUISE LOLITA GBUREK, A.B., 1968

CAROL LEE GODDARD, A.B., Grinnell College, 1967

JANICE HALL, B.A., William Woods College, 1968

MARY MADDEN HILBURGER, A.B., 1968

JOYCE CALDWELL HORNEY, A.B., 1969

MITSUKO ICHINOSE, B.S., College of the Ozarks, 1968

LESLEY ELLEN JORBIN, B.A., University of Minnesota, 1968

ROSE PHYLLIS LEVY, A.B., 1968

DELAURA WHIPPLE LOBENSTEIN, B.S., Kansas State University of Agriculture and Applied Science, 1939

GAIL DIANE MACHTINGER, B.S., University of Missouri, 1967

LAURA SUSAN MALL, A.B., 1967

MARGARET CRIDER NEAL, B.S., Murray State University, 1966

GAIL POHLMAN, A.B., 1967

MARGARET WILSON ROBERTSON, B.S., 1949

AMANDA ELIZABETH FAIR SAAR, B.A., University of Arkansas, 1968

CHRISTINE MOTE WESTERMANN, A.B., Grinnell College, 1968

*In Management*

IBRAHIM MOHAMED AHMED SALAMA, B.Com., Alexandria University, 1961; M.S., Colorado State University, 1965

*In Marketing*

LOWELL NATHANIEL PETERSON, A.B., Knox College, 1963

*In Mathematics*

ROBERT JAMES ARNOLD, B.S., Michigan State University, 1968

ANITA NATALIE BENSON, B.S., 1968

LAWRENCE JOSEPH BONGIOVI, B.A., Lycoming College, 1963

JOHN HARMON CARSON, JR., B.S., 1968

ZON-I CHANG, B.S., Taiwan Provincial Chung-Hsing University, 1966

MIN CHAO, B.S., National Tsing Hua University, 1968

WINNIE CHAU-MING CHOW, B.S., 1968

WILLIAM THOMAS FELDMAN, B.S., 1968

LOIS GOLDSTEIN, B.A., Brooklyn College, 1968  
KAZUO ISHIZAKA, B.Agt., Tokyo University of Education, 1958  
DENNIS JOHN KUPCHIK, B.S., Case Institute of Technology, 1968  
JENNG-CHING BERNARD LOU, B.S., Fujen Catholic University, 1967  
DEBORAH REBEHUEIN, A.B., Cornell University, 1968  
PETER BUCK REYNOLDS, B.S., 1969  
ELMER RICHARD ROBINSON, B.S., 1968  
IRA SLOTNICK, Ph.B., Northwestern University, 1968  
CHANG-YEAN WANG, B.Sc., National Taiwan University, 1967  
SALMA SHUKRALLAH WANNA, B.S., American University of Beirut, 1965

*In Mechanical Engineering*

VIROCHANA AUNSNUNTA, B.S.M.E., Mapua Institute of Technology, 1967  
GORAN ELOF FRANSSEN, B.S., Milwaukee School of Engineering, 1964  
DEMREW METAFERIA, B.Sc., Haile Selassie University, 1967  
RONALD LEE PRIEBE, B.S., Valparaiso University, 1958  
DAVID CONNER RANDOLPH, B.S., Tulane University, 1962

*In Metallurgical Engineering*

RAMAMURTHY KASI VISWANADHAM, B.E., Osmania University, 1968  
LAWRENCE ALBERT ZAGORSKI, B.S., 1968

*In Microbiology*

MICHAEL CHI-KEUNG CHAN, B.S., 1968  
SAI HYUN LEE, B.S., 1968  
DENNIS EDMUND LESZCZYNSKI, B.S., Loyola University (Illinois), 1968  
GARY LAVERN SIMPSON, B.S., 1969  
LAURA LOUISE STUMPF, B.S., University of Michigan, 1968

*In Music Education*

DOROTHY JEAN BURKETT, B.Mus.Ed., Florida State University, 1968  
JUDITH ANN CONLON, B.M., B.M.E., Drake University, 1965, 1968  
BOBBY GENE COOPER, B.S., Tougaloo College, 1961  
JOSEPH WALLACE JENNINGS, B.Mus., Southern University, 1960  
RUTH PAULINE SANBORN, A.B., MacMurray College, 1966  
ROBERTA HUBER TURNER, B.Mus., 1968

*In Nuclear Engineering*

KENNETH ROBINSON BOWERS, JR., B.S., M.S., University of Louisville, 1967, 1968  
ENNO NOMM, B.S., 1965  
RONALD WILLIAM ROBIN, B.A., Elmhurst College, 1968

*In Nutritional Sciences*

LINDA SUE GRISKIVICH, B.S., University of Maine, 1968

*In Physical Education*

THOMAS DAVID ABERNATHY, B.S., 1968  
MELVIN LEONARD ADELMAN, B.S., Brooklyn College, 1967  
SHERWIN STANTON KITTLESON, B.A., Wartburg College, 1956  
SUSAN VANDEWALLE KOVAR, B.S., University of Nebraska, 1967  
MARY McQUEEN LIVERMAN, B.A., Western Michigan University, 1960

*In Physics*

ROBERT HAMILTON AUSTIN, A.B., Hope College, 1968  
JOSEPH WILLIAM CONNOLLY, B.S., University of Scranton, 1968  
ZENON IHOR DERZKO, B.S., 1968  
PETER WEHNER DEUTSCH, A.B., University of Michigan, 1968  
JUDITH ANN GOULD, B.Sc., M.Sc., University of Alberta, 1963, 1965  
JOEL WILLIAM GROVER, B.S., University of Michigan, 1968  
SADREDDIN BEHBAHANI HASSANI, B.S., 1968  
STEVEN BARRY LANDY, B.S., California Institute of Technology, 1968  
DONALD CARMEN LICCIARDELLO, B.S., University of Scranton, 1968  
THEODORE LEE LONGMAN, B.S., Purdue University, 1967

VIRGIL LEE MALMBERG, B.S., 1968  
JOHN THOMAS MERRILL, A.B., University of California (Berkeley), 1968  
JOHN LESLIE MICHEL, B.S., University of Virginia, 1967  
BERNARD JOSEPH MRSTIK, B.S., 1968  
MARY JOYCE POTASEK, B.A., College of St. Catherine, 1967  
JAMES MARTIN POTTER, B.S., 1964  
JAMES ALLEN RICE, B.S., Northern Illinois University, 1967  
DAVID ROSENFELD, B.S., University of Maryland, 1968  
RANDAL CHARLES RUCHTI, B.S., University of Wisconsin, 1968  
GREGORY JUDE SELLERS, A.B., Cornell University, 1968  
DAVID STUART SIMONS, B.S., Carnegie Institute of Technology, 1967  
JOHN FRANKLIN WENDELKEN, B.S., 1968  
WILLIAM FRANCIS WESTON, A.B., University of California, 1968  
JEFFREY CURRAN WYNN, A.B., University of California, 1968

*In Physiology*

RICHARD REILING ALMON, B.S., 1968  
ALMA HALSKI, B.S., 1969  
ROBERT WEBER WINTHEISER, B.S., Colorado State University, 1967

*In Plant Pathology*

JAMES EDWARD SCHUSTER, B.S., 1968

*In Psychology*

ANN STEVENS HORTON, B.S., 1968

*In Radio and Television*

GARY WILLIAM JONES, B.S., Arkansas State College, 1967

*In Recreation*

KATHRYN ANNE MCQUARRIE KARLSSON, Dipl., University of Otago, 1966; Dipl.,  
University of Aukland, 1967  
DANIEL RICHARD PLAZA, B.A., San Jose State College, 1969  
CHERYL VIRGINIA REEVES, B.S., West Virginia University, 1968  
ELVINA SUE MEIUNG WONG, B.S., University of Hawaii, 1968

*In Sanitary Engineering*

STEWART ALBERT MESSMAN, B.S., 1969  
STANLEY DEAN SWEARINGEN, B.S., 1969

*In Speech Correction*

SHERRY EILEEN JENSEN, B.S., Northern Illinois University, 1968  
PATRICIA JOSEPHINE MCGINTY, A.B., 1968

*In Statistics*

RICHARD GUST MONTANELLI, JR., B.S., Illinois Institute of Technology, 1966  
MICHAEL FRANK SPAETH, B.A., Clark University, 1968

*In the Teaching of Biological Sciences and General Science*

ARDYTHE ANN ALBERS, B.A., Culver-Stockton College, 1968  
LORETTA OTTWEILL UHE, B.S., 1962

*In the Teaching of Mathematics*

JOHN LENNARD BARKER, B.S., 1969

*In Theoretical and Applied Mechanics*

JAMES MICHAEL ASCHE, B.S.M.E., University of Nebraska, 1964  
JERRY DELAIN FOX, B.S., 1968  
WINTON GARY GIBBONS, SR., B.S.E., University of Michigan, 1963  
JOHN RICHARD MAHER, B.S., California State Polytechnic College, 1964  
MICHAEL ALLYN TODD, B.S., Evansville College, 1966

*In Zoology*

KENNETH LEE CAPPS, B.A., Washington and Jefferson College, 1967  
BONNIE ANN NOLAN, B.A., University of Connecticut, 1967  
ROBERT WILLIAM WEISE, B.S., Eastern Illinois University, 1967

**Degree of Master of Music**

JAMES SHERWOOD DARLING, B.M., University of Kentucky, 1967  
DIANNE WESTERMAN HATCH, B.Mus., 1968  
LAWARE JOHNSON, B.Mus., Georgia State College, 1968  
PETER ALEXANDER TAKACS, B.M., Northwestern University, 1968  
MARIA TAN THESEN, B.Mus., University of Hawaii, 1966

**Degree of Master of Education**

MARIANNE ACKERMAN, B.A., Southern Illinois University, 1968  
CLIFFORD LEONARD ADAMO, B.S., 1967  
KAREN MARIE AIKEN, B.S.Ed., Illinois State University, 1966  
JUNE MCCLINTOCK ALLISON, B.A., Beaver College, 1967  
CAROL BENTON BARKSTALL, B.S., Ohio State University, 1958  
JANET ALICE BLOHOWIAK, B.S., Wisconsin State University (Oshkosh), 1960  
LARRY LEE BOND, B.S., Southern Illinois University, 1964  
THOMAS IVAN BONE, B.A., Ottawa University, 1967  
RAMONA JEAN BORSCH, B.A., Blackburn College, 1966  
CAROLYN JEAN BUHMANN, A.B., 1969  
MAUREEN RUTH BURKE, B.M., Ithaca College, 1967; M.S., 1968  
WILLIAM RUSSELL CLAXON, B.S., 1968  
JOANNA LAURA CORNETT, B.S., 1968  
KAREN KELLAM CRAVENS, B.S., Indiana University, 1965  
SHIRLEY ANN DANILOFF, B.A., 1964  
ROBERT JAMES DARASKEVICH, B.A., Illinois State University, 1966  
MARY CECILIA DONOVAN, B.A., University of Delaware, 1968  
SHERRY KAY DOTLICH, B.A., Michigan State University, 1966  
GLADYS REED DOWNING, B.S., Hampton Institute, 1963  
JOYCE ANN ECKERTY, B.S., Illinois State University, 1966  
CAROL JEAN ECKSTROM, B.S., Northwestern University, 1964  
EMAGENE ELIZABETH REID EFNOR, B.S., Valparaiso University, 1961  
DENNIS GUY FELTY, A.B., 1965  
JUDITH ANN FLOYD, B.S., Illinois State University, 1967  
DONNA KING GELBER, B.A., University of California (Los Angeles), 1968  
WARD CHARLES HASELHORST, B.S., 1964  
JAMES HENRY HAYES, JR., B.S., 1968  
CARL ALBERT HEINRICH, B.S., 1968  
RONALD WAYNE HIBLE, A.B., 1960  
MARY CATHERINE HOULIHAN, B.A., St. Xavier College, 1963  
MARGARET HOWARD ISMAILA, B.S., Hampton Institute, 1958  
CAROL ANN IVORY, B.A., American University, 1966  
ARTHUR WILLIAM JOHNSON, B.S., Western Illinois University, 1957  
JOEL GILIANA JONAS, B.S., 1965  
ANNA CHEN LEE, B.A., Oklahoma State University, 1967  
SANDRA CARTER LEISTER, B.A., University of Wisconsin, 1967  
SUSAN CATHERINE LENTZ, B.A., St. Xavier College, 1965  
DOROTHY HUDSON LIERMAN, A.B., 1941  
THOMAS JEFFERSON LINDAHL, B.S., University of Wisconsin, 1960  
LAWRENCE ROY LINDBERG, B.S., University of Kansas, 1967  
CAROL MONTS LOYET, B.S., Eastern Illinois University, 1966  
CLIFFORD GEORGE MAINOUS, B.Ed., Emory and Henry College, 1954  
JACQUELYN WITT MAINOUS, B.A., Emory and Henry College, 1954  
WILLIAM CHARLES MARCORDES, B.S., Bradley University, 1965  
RUSSELL MARKS, B.S., Illinois State University, 1967  
LYNN TUFT MAROTZ, B.S., University of Wisconsin, 1965  
CHRISTOPHER MCCLURE, B.S., Emerson College, 1966  
JOHN PETER MOCKAITIS, A.B., 1966

BARBARA TONIELLI PATTAROZZI, B.S., Northern Illinois University, 1963  
 GLORIA JEAN PEARSON, A.B., MacMurray College, 1964  
 SUE ANN PHILPUTT, B.S., Baldwin-Wallace College, 1963  
 IVA LOUISE POLK, B.A., Fisk University, 1967  
 GLORIA MCGILL PRINCE, B.S., Southern Illinois University, 1965  
 JOAN KAY REEDY, B.S.Ed., Goshen College, 1958  
 CYNTHIA TURLEY REYNOLDS, B.S., 1967  
 ERIC SPEER RUBY, JR., B.S.E.E., Valparaiso University, 1958  
 JANE WINJE RUEDI, A.B., Sweet Briar College, 1959  
 CHARLES RICHARD SCHICKNER, B.S., Morehead State College, 1965  
 JANICE SIRLES SCHOEN, B.S., Southern Illinois University, 1968  
 JEFFERY DANA SHERRILL, B.S., Colorado State University, 1963  
 MARGARET JOHNSON SHURTLEFF, B.S., University of Minnesota, 1943  
 RALPH CHARLES SIEGMUND, B.S., 1969  
 JOAN GREGOR SKIBBE, B.S.Ed., Illinois State University, 1961  
 MARY KATHRYN SKUPNIEWITZ, B.A., Mount Mary College (Wisconsin), 1966  
 CARL HOWARD SLATER, A.B., Harvard College, 1963; M.D., University of Colorado, 1968  
 CAROLYN ANDERSON SMITH, B.S., 1960  
 GLORIA LEE SMITH, B.A., American International College, 1967  
 JEAN MARIE SMITH, B.S., 1964  
 PAMELA HAMMERS SPECHT, B.S., University of Wisconsin, 1967  
 BERNADINE EVANS STAKE, B.S., University of Nebraska, 1961  
 GRETCHEN ALBERS STORM, B.S., University of Wisconsin, 1967  
 GERALD ROBERT TVRDY, B.Ed., Northeastern Illinois State College, 1962  
 KAREN KAY UHREN, B.S., Northern Illinois University, 1967  
 WAYNE VAN NORD, B.S., Michigan College of Mining & Technology, 1951  
 NED F. VAN VOORHIS, B.S., Eastern Illinois University, 1950  
 ALLEN FRANCIS WALL, B.A., Central Washington State College, 1956  
 NANCY HASCHEMEYER WELLS, B.S., Western Illinois University, 1965  
 JACQUELINE KAY WILSON, B.S., 1968  
 SHARON LOUISE WINELAND, B.S., 1968  
 GENE THOMAS WOLFF, B.S., Wisconsin State College, 1958

#### Degree of Master of Social Work

VIRGINIA ANNE BACH, B.A., Illinois Wesleyan University, 1967  
 JUDITH SCOUFFAS BARNES, A.B., 1968  
 RITA JANET BRESNAHAN, B.A., St. Ambrose College, 1960  
 VIRGIL LOYD CARNER, B.S., Union College, 1966  
 FREDA HARMON CARPENTER, A.B., 1967  
 MARY ANGELA CRONIN, B.A., St. Mary's College, 1968  
 DENICE JEAN FITCHIE, A.B., 1968  
 WILLIAM TRUPANT FOSTER, B.S., Iowa State University, 1968  
 NATHANIEL GIBSON, B.S., Tennessee Agricultural and Industrial State University, 1962  
 MIKE HALUZAK, B.S., Southern Illinois University, 1964  
 STEPHEN JOEL HARRIS, B.A., Hamline University, 1966  
 BARBARA SCOTT HEDSTROM, B.S., Western Reserve University, 1965  
 JANE EICHENAUER HURIE, A.B., MacMurray College, 1942  
 PATRICK HARMON IRWIN, B.S., University of Wisconsin (Milwaukee), 1967  
 LOREN LEE JANS, B.A., Upper Iowa University, 1965  
 KATHLEEN SUE JESKO, B.A., Northern Illinois University, 1966  
 JUDITH ANN JOHNSON, B.A., Bethel College (Minnesota), 1968  
 PAULETTE KUNZA JOHNSON, B.A., Bethel College (Minnesota), 1968  
 MOREEN PATRICIA JONES, B.A., Suffolk University, 1968  
 CAROLYN HOLLOMAN KEMP, B.A., Southern Illinois University, 1968  
 LEONARD DEXTER KEMP III, B.A., Southern Illinois University, 1967  
 JAMES ALOYSIUS KNIERY, B.A., Aquinas Institute of Philosophy and Theology, 1958  
 BRUCE CARR LAMONTAGNE, A.B., 1967  
 RONALD DEAN LEUPP, B.A., Bethel College (Kansas), 1968  
 LAUREEN RAE MALKIN, B.S., 1968

SUSAN LANGDON MEDWAY, B.S., Northwestern University, 1964  
 STEPHEN DUANE MILLER, B.A., Goshen College, 1965  
 SANDRA TILLY MITCHELL, A.B., 1966  
 RONALD JAMES MONTROYA, B.S., Southwest Missouri State College, 1967  
 WILLOW SEKIYA MORTON, B.S., 1968  
 ELAINE MOLCHANOV NOLAND, A.B., 1968  
 SANDRA JOHNSON O'MEARA, A.B., 1968  
 JANE ROIS OPSKAR, B.A., University of Minnesota, 1966  
 JOAN MARIE OSDIECK, A.B., Saint Louis University, 1968  
 BENJAMIN EUGENE PACE, B.A., Bob Jones University, 1954  
 LINDA GAYLE PANTALL, B.A., Roosevelt University, 1966  
 MARIO PELLICCIONE, Jr., B.A., City University (New York), 1961  
 HENRY WILLIAM PILGRAM, A.B., University of Missouri, 1955; B.D., McCormick Theological Seminary, 1959  
 THOMAS HOWARD PRICE, B.A., Kenyon College, 1963  
 SALIE JEAN ROSSEN, A.B., Indiana University, 1966  
 SHIRLEY SMITH RUPPECK, A.B., 1965  
 MARY LEVINE SOLA, B.A., Northern Michigan University, 1968  
 LINDA ANN THOMAS, A.B., 1967  
 NORMAN BURK THOMPSON, B.S., Eastern Illinois University, 1961  
 DAVID ROBERT TIFFANY, A.B., MacMurray College, 1964  
 JANE ANN VAGTS, B.A., Wartburg College, 1968  
 AMPARO GOMEZ VALBUENA, Lic., Colegio Mayor de Cultura Femenina de Cundinamarca, 1965  
 KATHLEEN CORRIGAN WALSH, B.A., Loyola University, 1968  
 ROLAND WILLARD WOLFE, A.B., Olivet Nazarene College, 1967

#### Degree of Master of Television

PATRICIA ROSEANN PINIANSKI, A.B., 1967

#### Degree of Master of Architecture

KEE KHANISTANAN, B.Arch., Chulalongkorn University, 1965  
 SINEENART SODSATHIT, B.Arch., Silpakorn University, 1967

#### Degree of Master of Accounting Science

GAIL LEE ALLAMAN, B.S., 1968  
 JAMES LESTER BUYSE, B.S., 1969  
 KOON-HUNG CHAN, B.Com., Chinese University of Hong Kong, 1968  
 DAVID RAY CURRIE, B.S., Illinois State University, 1969  
 HAROLD MITCHELL GRAHAM, B.M.E., Rensselaer Polytechnic Institute, 1956; M.B.A., University of Rochester, 1969  
 DENNIS FRANCIS JOSEPH, B.S., Jamestown College, 1968  
 DAVE HARTLEY LEMOINE, B.S., Illinois State University, 1968  
 DANIEL RAY TIDRICK, B.S., Ohio State University, 1968

#### Degree of Master of Business Administration

RICHARD JAYE COLVER, B.S., 1967  
 RAYMOND WALTER LEBOEUF, B.A., Northwestern University, 1967  
 JOSEPH WILLIAM MERTES, B.B.A., Georgia State College, 1967  
 ROBERT EDGAR MORGAN, B.S., 1959  
 TERRY EDMUND SORENSSEN, B.S., 1968  
 LUIS JAIME VÁZQUEZ-CARO, B.B.A., University of Miami, 1967

#### Degree of Master of Commerce

RICARDO UCHOA ALVES LIMA, Dipl., São Paulo School of Business Administration, 1967  
 THEODORE CHARLES SWARTZ, B.S., Iowa State University, 1968

#### Degree of Master of Comparative Law

HAROLD LEE DORSETT, LL.B., LL.M., George Washington University, 1942, 1947  
 JAN LENZSEN HARTMANN, Juristische Staatsprüfung, University of Freiburg, 1966

**Degree of Master of Extension Education**

JOHN IRVING GOODRICH, B.S., 1960

**Degree of Master of Landscape Architecture**

JOSEPH LESTER GERACI, B.F.A., 1964

TERENCE GENE HARKNESS, B.F.A., 1966

BRUCE LYMAN HUTCHINGS, B.Arch., University of Nebraska, 1961; M.Arch., 1968

ROBERT WILLIAM ZOLOMIJ, B.S., Pennsylvania State University, 1965

**Degree of Master of Urban Planning**

WILLIAM ALLAN FACTOR, B.A., University of California (Los Angeles), 1967

**Degree of Master of Laws**

JOSEPH DANTE GRANO, A.B., J.D., Temple University, 1965, 1968

**Advanced Certificate***In Education*

ROSITA TENN ALBA, B.Ed., University of Hawaii, 1964

HILDA ROODHOUSE ALEXANDER, B.S., MacMurray College, 1939; Ed.M., 1968

LAVERE LOUIS ASTROTH, B.S., M.S., 1942, 1950

JOHN ARNOLD DICKSON, B.S., Ed.M., 1958, 1961

WARREN CLIFFORD ELLIS, B.S.Ed., Northern Illinois University, 1949; M.S., 1951

ROBERT CAESAR HAYNIE, B.S.Agr., Arkansas State College, 1937; M.S., University of Arkansas, 1953

ELIZABETH ALLEN LEMONS, B.S., M.S., 1945, 1947

JANET LOUISE WENGER FIRNAT, B.S., Pennsylvania State College (Lockhaven), 1961; Ed.M., Temple University, 1965

NORBERT FRANCIS POHLMAN, B.S., Ed.M., 1950, 1959

GLORIA BULAN SHIER, B.Sc., University of Santa Tomas, 1956; A.M., 1968

THOMAS ALAN WACHTER, B.S., Illinois State University, 1952; Ed.M., 1959

DANIEL PITTMAN WILSON, A.B., Wheaton College, 1964; Ed.M., 1966

**COLLEGE OF AGRICULTURE****Degree of Bachelor of Science***In Agriculture*

IDA KATHLEEN ALISON

JAMES LESLIE AYERS

RONALD DEAN BEASLEY

RICHARD LEROY BIRD

DOUGLAS ROBERT BLOCK

ALAN LOUIS BORHART

DAVID EUGENE CAMAC

RICHARD LOWELL DUERINGER

ROGER EARL EDWARDS

THOMAS RAY FISHER

PAUL EVERETT GANTZERT

MARY FRANCES GILLESPIE

RICHARD FRANCIS HANSEN

DELMAR DARYL HOUGHTON II

LARRY ALLEN ISHMAEL

MANNAH FODAY KALLON

JOHN GRANT KINSEY

JEWELL MARY KIRKPATRICK, Honors

DONALD ARTHUR LINDAHL

RICHARD WAYNE LOHMAN

CHARLES EDWARD MALLEY

JAMES LESTER MORRISON

CHARLES JOSEPH NOLAN, Honors

IGNATIUS UGWUDIKE OBI

DONALD LLOYD OWINGS

JEROME ARTHUR PILLATH

LA VERN ROSS REIERSON

ROBERT WILLIAM RINGLER

RODNEY EUGENE ROBERTS

JOHN THOMAS ROWE

GARY DUANE SCHOOF

WARREN CARO SHAFER

ROBERT PARKER STEIDL

JOHN NEIL STEVENS

MICHAEL COLE WALSTEN

RICHARD RAY WAX, High Honors

STANLEY ALLEN WEBER

STEVEN LEE WENDELL

DUANE DANIEL YOUNG

GENE EDWIN ZUMWALT

*In Floriculture and Ornamental Horticulture*

ROSCOE GOODWIN  
STEPHEN RAY HARTMAN

JAMES LYNN McCONNELL  
LOREN CHARLES SWARTLEY

*In Food Science*

KENNETH LEE PALMER

*In Forestry*

DALE CRAIG ADAIR  
GEORGE HENRY FRITZ  
THOMAS JOSEPH JACOB  
CHARLES JOHN MRISKA

JAMES MARK PATTON  
LONDON HARRISON RHODES  
RICHARD CHARLES WEISE

*In Home Economics*

PAMELA SUE ANDERSON  
STEPHANIE LUAN ANDERSON  
BETH ANN BABCOCK  
SHARON SADDORIS BOHLEN, Honors  
PAMELA LOOMIS BROCH  
NANCY RAMSEY CONN  
JANET LEE GREGER, High Honors  
JACQUELYN ERNST HAYDEN  
NANCY JO JOB  
MICHELE JOANNE JOYCE  
MARY GEORGIA KAMINSKI  
JANET SUE KOLMER, Honors

JOANNE CAROL LONGLETT  
SHIRLEY PECHARICH McELVAIN  
JANE MABRY MCINTOSH, Honors  
ANNETTA CROUSE MURAWSKI  
DARLENE JOY OBEJDA, Honors  
PAMELA JO OSBORN  
PAMELA HUNT REYNOLDS  
PAMELA KAY SHAW  
JUDITH KAY SIMS  
LAJAN TATUM  
GAIL LUCILLE WHISLER

*In Home Economics Education*

ANN CULBERTSON  
DEBORAH EWING SMITH

PATRICIA PORCH STIER  
PATRICIA ANN WELLER, Honors

## COLLEGE OF ENGINEERING

## Degree of Bachelor of Science

*In Aeronautical and Astronautical Engineering*

THOMAS ROBERT BERTHOLD, High Honors  
UNES JAY BOOTH  
ROBERT WILLIAM BURNITZ  
RICHARD HENRY BURZYNSKI  
ROBERT EMIL COSER  
LAWRENCE ALAN COX  
JOHN MORGAN COYLE, High Honors  
MICHAEL LEE DASHNER  
STEVEN LEE DIXON  
ALVIN DAVID DOBROWSKI  
KARL SOREN FORSSTROM  
DAVID ALLEN GRONEWOLD, Highest Honors  
LARRY WILLIAM GUSTAFSON

MATTI HARM  
HAROLD WILLIAM HILL  
GARLAND RUSSELL JOHNSON, JR.  
RICHARD ARLEN KIEFER  
JOE ALLEN LAMB  
ROBERT GEORGE LESCH  
MICHAEL BERTRAM MERRILL  
DONALD CARLTON MONTGOMERY  
ROBERT ALAN MORSTADT  
NORBERT JOHN SALZ  
JAMES HENRY SCHAUBLE  
DAVID ARTHUR SCHEIWE  
STEWART ALAN STODDART  
STEVEN PAUL STREITMATTER  
STEVEN ALAN TURNER

*In Agricultural Engineering*

GARY ALBERT BROWN  
GARY WILLARD BURDICK  
WILLIAM RICHARD COEUR, Highest Honors  
TERRY RAY COLLINS  
WILLIAM SYLVESTER EDWARDS  
MONTE PHILLIP HINES, Honors

NORRIS BROWN LESSLEY  
JOHN ROY PATTERSON  
JOHN THOMAS SIMPSON  
FREDERICK EARL SISTLER  
JOHN NEIL STEVENS  
DONALD ELDO TATE  
CHARLES JOSEPH WHITTINGTON

*In Ceramic Engineering*

DAVID AARON ANDALMAN  
NANCY LEE BARKER  
JAMES HAROLD GINTHER, JR.

CHRIS JOE GOODBRAKE  
JAMES NOEL HUMENIK  
RONALD LYLE JONES



TERRY LYNN MERRICK  
JAY PATRICK PAGE  
ROBERT ANTHONY RITA, High Honors

EDWARD RAYMOND SALM  
GARY DENNIS SCHNITTGRUND  
RICHARD WAYNE YELVERTON

*In Civil Engineering*

DANIEL NICHOLAS ABRUZZO  
THOMAS CHARLES ANDERSON, High Honors  
JAMES LEROY BERROYER  
RICHARD EUGENE BIDDLE  
RALPH L. BULLER  
RAYMOND WILLIAM CARLS  
JERRY EDWARD CUNNINGHAM  
RICHARD ARMAND DANIELS  
LARRY DON DAY  
THEODORE MARTIN DENNING  
DAVID HAROLD EKSTROM  
THOMAS STEPHEN FERO  
TOBY DEL FREVERT  
RENE FRANCISCO FUENTES  
JOHN ROBERT GARRELTS  
CHARLES THOMAS GOEWY  
DANIEL LEE HAVENER  
ROBERT ROYAL HEAP  
JOHN LOUIS HOEBEL, Highest Honors  
MICHAEL EDWARD HUGHES  
CLIFFORD ROY JONES  
RICHARD LeROY KARNOPP  
GARY ALAN KENT  
LESTER JOHN KOBYLAR  
MICHAEL LANDEROS  
F. JAY LINDHJEM

RICHARD JOHN MANN  
WILLIAM EUGENE MCCLEISH  
WILLIAM DENNIS McDONALD, High Honors  
DARRELL WAYNE MCMURRAY  
WILLIAM LeROY MONTGOMERY  
WILLIAM WALLACE MORROW  
JAMES ALLEN NANNINGA, High Honors  
JAMES RAY PAWLISCH  
ALBERT JOSEPH REINSCHMIDT  
GEORGE ALBERT RUSSELL III  
EARL JOSEPH SCHROEDER  
THOMAS EDWARD SCHROEDER  
JOHN EDWARD SEPICH  
JOHN O'BYRNE SHAPLAND  
GREGORY PAUL SLAMP  
JAMES ROBERT SPAGNA  
TODD HENRY STEINKE  
STEVEN ALAN SUMNER  
STEPHEN CHARLES SWIFT, Honors  
RICHARD JAMES TAPPAN  
STEPHEN ALAN THOMPSON  
JOHN RAYMOND TRENTACOSTI  
PHILIP BRUCE WALLER, Honors  
CHARLES KIMBELL WEBSTER  
LARRY WARD WELLS

*In Electrical Engineering*

HAROLD WAYNE ALEXANDER  
LOUIS GREGORY ALSTER  
CHARLES WADE ASBURY, Jr., High Honors  
WILLIAM THOMAS BIELBY, High Honors  
DANIEL WAYNE BREWER  
WARREN FRANCIS BRINGER  
THOMAS RICHARD BRINKOETTER, High Honors  
WILLIAM JOHN BURRZINSKI  
JOSEPH EDMUND BUSHMAN  
SAMUEL EDWARD CARRUTHERS, Jr.  
Po SHEUN CHUNG, Highest Honors  
LAWRENCE HOWARD CLENNON  
ALAN RICHARD DECHO  
MICHAEL MARK DEHN, Highest Honors  
ANGELO ANTHONY DIMONTE  
RUSSELL DEAN DUPUIS, Highest Honors  
WILLIAM FRANCIS EDWARDS  
DAVID KENT FLIDER  
JOHN RATHMANN GEARHART, Highest Honors  
RUSSELL JOHN HANNULA, High Honors  
RONALD EUGENE HART  
AMEED IHSAN HASHEM, High Honors  
DAVID RICHARD HERTLING, High Honors  
DAVID EUGENE HOUSER, High Honors  
JAMES ALLEN HUIZENGA

DONALD WILLIAM JAMES  
BLAKE RICHARD JOHNSON  
ROBERT JOSEPH KANSY, Jr.  
ROBERT WILLIAM KAYHS  
MICHAEL LAWRENCE KIRCHMAN  
DENNIS PHILIP KOCH  
DAVID GORDON KOESTER  
ROBERT LINN KREUTER  
THOMAS RAYMOND KUEHN  
JOHN PETER LACRIOLA  
ROBERT MARSHALL LANDGRAF, Honors  
ALLEN RAY LAWRENCE  
PAUL KEI-MAN MA  
RONALD LOUIS MARSIGLIO  
NORMAN WAYNE MAY, Highest Honors  
MOHSEN MOMEN-NEJAD  
ALAN KEN NAGAI  
IRWIN FRANK NEJDL  
JOHN PAUL NELSON  
RICHARD ROGER PARRY  
JEROME ERWIN PAUL  
JERALD LEE PIEKOS  
JOHN MICHAEL POLLOCK  
RUSSELL KENTON POND  
JAMES MICHAEL PROCYK  
JAMES DARRELL QUIRIN  
LOUIS RICHARD RANDOLPH  
HAROLD GEORGE RAVLIN  
WILLIAM CAIN RICHARDSON

WILLIAM HARRY ROAT  
JAMES MICHAEL ROSBOROUGH  
ALAN LEE RUWE, Honors  
RONALD DOUGLAS SCHWARER  
LLOYD LEE SECKMAN  
NORMAN ROY SIEKMAN  
DUNCAN JEFFREY SWINSON

THOMAS EDWARD TREBELHORN  
BERNARD KA PANG TSE, High Honors  
ROBERT BAILEY TURNER  
GEORGE EDWARD VANDENBERG  
PHILIP LEON WAGLEY  
KENNETH EARL WILSON  
JEROME FRANCIS ZINK

*In Electrical Engineering and Computer Science*

HOWARD IRVING ABRAMS  
DENNIS MICHAEL ALTROGGE  
FRANCIS DENNIS BARTOCCI  
ALAN GEORGE BETTISCH  
DAVID HAROLD CHEN  
CHARLES CURTIS EGGERT

STEVEN AUGUST HEINECKE  
RONALD HARVEY HOFFMAN  
LLOYD OSCAR LINDQUIST  
STEVEN EDWARD MAKULEC  
ROGER WALTER MARSH  
NEAL WARREN NICHOLS

*In Engineering Mechanics*

STANLEY EUGENE BUMPUS, High Honors  
STEPHEN DOUGLAS DOWNING  
DAVID CHARLES HEALY  
ROBERT LEE HENRICKS  
JAMES LEO McGRATH

DAVID LEON OSTRODKA, High Honors  
TERRY VICTOR ROSZHART  
DANIEL ROBERT SCHULZ  
JAMES RICHARD WEBER  
DOUGLAS BRIAN WHITE, High Honors

*In Engineering Physics*

PHILLIP EUGENE BAKER  
JAMES WILLIAM BEHRENS  
RANDOLPH PHILIP CHRISTIANSON  
WILLIAM WATTS DUNKEL

JAMES RAY FREEBURG, Highest Honors  
JAMES WILLIAM HOYT  
JOHN WAYNE MCKOWN  
MYRON JAMES SMITH, High Honors

*In General Engineering*

MARTIN EDWARD BRZECZEK  
ROBERT JOSEPH CHIAFFREDO  
WARD HANFORD CRAMER, JR.  
WALTER ELIOTT DE LISE  
ROBERT JOHN DOMBROWSKI  
JOHN FRANK FUNK  
BARRY RAY GOODMAN  
JAMES HERBERT HARRIS

RICHARD BRUCE HOFFMAN  
RANDALL KANE KRAUSE  
HERBERT WILLIAM LINNE  
ANDRIS MANEKS  
BRUCE ALEXANDER MCINTOSH  
ROY MASARU NAKAMURA  
LARRY STEPHEN SAXBY  
JAMES STEVEN SCHLIFKE

*In Industrial Engineering*

BRANDON CRAIG BETHARDS, High Honors  
DOUGLAS FRANK BRANDENBURG  
ALBERT JOHN CALIENDO, Honors  
FREDRICK ERNEST GANAWAY  
GREGORY WAYNE KLOCEK  
PAUL THOMAS LOVERN

JOHN RAYMOND MASON  
DALE GEARHART MEDLEY  
MICHAEL WILLIAM PETRI  
WILLIAM ROBERT STASEK  
DAVID GEORGE SWALVE  
STEPHEN MARTIN SZABADOS  
WILLIAM KEN TAKAKOSHI

*In Mechanical Engineering*

JAMES CLARK BAIRD, Highest Honors  
JOSEPH JAMES BART  
MICHAEL RAYMOND BIMA, Honors  
JAMES ROBERT BROCH  
ARTHUR WADE CARPENTER  
RONALD LEWIS COLLINS  
RICHARD JOSEPH DIOTALLEVI  
THOMAS ALBERT ENGERS  
ELLWYN CARL ENGLOF  
WILLIAM LEON ESTES  
ROBERT JOSEPH FLAHERTY  
THOMAS GERALD GALLAGHER  
JOHN JOE GIACOMINI

KENNETH EDWARD GRIGGS  
PAUL HERBERT HALTER  
RAYMOND JOSEPH HEITLAND  
JOHN ALLAN HEMPHILL  
BRIAN DEE JOHNSON  
EDWARD JAMES KAIN  
JOSEPH WALTER KEEN, High Honors  
JAMES MARTIN KEMP  
JAMES MICHAEL KING  
MALCOLM HERM KINSINGER  
MICHAEL HERM KINSINGER  
RAYMOND PETER KLINGLER, JR.  
JAMES PAUL LESHUK

RICHARD ALAN LIEBLER  
 DANIEL JOSEPH METZGER  
 STEVEN VAUGHN MILLER  
 WILLIAM DALE MORTON  
 CHARLES ALLEN NAGUS  
 RONALD GAIL PALMER  
 DAVID ALAN PEARSON, Honors  
 HAROLD LOUIS POPE  
 MARTIN GILBERT POTTS, Honors  
 ALAN BARRY SAMLAN  
 WILLIAM EUGENE SCHACHT, Honors

JACK SCHLEICH  
 WILLIAM GENE SMITH  
 LARRY WAYNE SPIRES  
 RAYMOND MAX TARADEJNA  
 WILLIAM EDGAR THOMAS  
 PETER LAIRD VALLANDIGHAM  
 GERALD DEAN WOODALL  
 PHILIP EDGAR WUBBOLDING  
 THOMAS FRANCIS ZBOROWSKI  
 JAMES FOLTAN ZIECH

*In Metallurgical Engineering*

KENNETH WAYNE CARLSON  
 WALTER VAN FEITSHANS  
 LOUIS KATZ  
 SAMUEL CHRIS MILLER, Honors

DAVID PAGE SHAPLAND  
 JAMES WILLIAM SKOGSBERG, Highest  
 Honors  
 MICHAEL DAVID VALENTINE

COLLEGE OF LIBERAL ARTS AND SCIENCES

Degree of Bachelor of Arts

*In Home Economics*

PAMELA KASBEER HENKEL

*In Liberal Arts and Sciences*

STEPHANY LEA ADDIS  
 JUANITA HICKMAN BALBACH  
 NANCY JEAN JOHNSON BALZ  
 RAYMOND CHARLES BASS  
 KATHERINE RUTH BAYER, High Honors  
 in Liberal Arts and Sciences  
 JAMES FRANCIS BECK  
 STEVEN PHILLIP BERMAN  
 LYNN PAULA BERNSTEIN, High Honors  
 in Liberal Arts and Sciences  
 THOMAS ROBERT BERTHOLD, Honors in  
 Liberal Arts and Sciences  
 BEATRICE KORBELIK BERTUCCI  
 JANETTE KAY BIRKNER  
 WILLIAM PALMER BOBISUTHI  
 KATHLEEN MARY BORS  
 CAROL REEDY BOWER  
 GARTH ATLEE BOYER, JR.  
 BARBARA LYNNE BRIGGS  
 CARLA JO BROWN  
 LAURIE ANN BROWN, Honors in Liberal  
 Arts and Sciences  
 ROBERT EUGENE BUFFINGTON  
 MARCIA MAXINE BUHR  
 RALPH L. BULLER  
 PATRICK CHARLES BUTLER  
 JOSEPH MICHAEL CAMILLE  
 ROBERT JOHN CARLSON  
 DANIEL RICHARD CHERSKOV  
 STEVEN CARL CHOISSER  
 NANCY JILL CLAAR  
 DAVID JASPER COGNATA  
 MICHAEL ANTHONY CONWAY  
 DUANE FRANCIS CROMWELL, High Hon-  
 ors in Liberal Arts and Sciences  
 with Distinction in Political Science  
 VINCENT TERRY CULLERS, JR.  
 WILLIAM MERWIN DEBORD

FRANK WILLIS DENISON III  
 DAVID WARREN DEREK  
 JUDITH HOYT DIGENNARO, Honors in  
 Liberal Arts and Sciences  
 JOHN ANTHONY DOWDLE  
 ANNA COTTON DUNLEVY  
 LILIA DURON  
 BARBARA LEE EDWARDS  
 RANDA JEAN EDWARDS  
 LINDA ANN ENGLISH, High Honors in  
 Liberal Arts and Sciences with Dis-  
 tinction in English  
 MARY ELLEN ESCH, High Honors in  
 Liberal Arts and Sciences with Dis-  
 tinction in Music  
 FRANCIS GERARD FANNING  
 JAY ARTHUR FARRELL, High Honors in  
 Liberal Arts and Sciences  
 ELEANOR JANE FENCKEN  
 NANCY ANN WRIGHT FERGUSON  
 KATHERYN PELAGIA FOUNDOS  
 KAREN ANDERSON FOX, Honors in Lib-  
 eral Arts and Sciences  
 JEFFREY ARNOLD FRITZLEN  
 ELYSE PAM GARLAND, Honors in Lib-  
 eral Arts and Sciences  
 JAMES EUGENE GLASSMAN  
 JANIS LEE GOLDEN  
 KAREN BETH GOLDMAN, High Honors  
 in Liberal Arts and Sciences  
 MICHAEL GEORGE GOODALL  
 BARBARA JANE GRAVES  
 ROBERT LOUIS GREENBERG  
 LEE DAVID GROBAN  
 DIANNE SUSAN HAMICK  
 DALE ALAN HARRIS, with High Distinc-  
 tion in Political Science

MICHAEL RAY HAYS, Honors in Liberal Arts and Sciences  
 STEVEN MARTIN HELM, Honors in Liberal Arts and Sciences  
 IRENE VIRGINIA HENRY, Honors in Liberal Arts and Sciences  
 ELIZABETH THOMPSON HERRICK  
 ELLEN CRABTREE HILL  
 SANDRA LEE HILL  
 JUDITH LIBBY HILLMAN  
 KIMBERLY HOMAN, High Honors in Liberal Arts and Sciences with High Distinction in Anthropology  
 MARY JO JACKMAN  
 MICHAEL PIERCE JACKSON  
 ELIZABETH ANN JENSEN  
 KAREN LYNNE JENSEN  
 CARL EDWIN JOCHUMS  
 CAROL ALLEN JOHNSON  
 CLAUDIA ANN JOHNSON  
 PEGGY LYNN KAVKA  
 CHRISTINE KESSEN, Honors in Liberal Arts and Sciences  
 CAROL MARIE KING, High Honors in Liberal Arts and Sciences  
 BRENDA PETERS KISTLER, Honors in Liberal Arts and Sciences  
 JUDITH ANN KLEHR  
 BARBARA MILLER KNUCKLES  
 NATASHA KOLCHEVSKA, with Distinction in Russian  
 CHARLES JOSEPH KOZIOL  
 DIANE JILL KRIEGMAN, with Distinction in Anthropology  
 WILLIAM GEORGE KSANDER  
 MARILYNN KAY KUIPERS, Honors in Liberal Arts and Sciences  
 JERI CLOTILDE LANE  
 JOHN ROBERT LANE  
 SUSAN GILMORE LANGILLE  
 SANDRA STEMWEDEL LARA  
 JOSEPH PAYNE LARKIN  
 MARY ELEANOR LEAS  
 DEIDRE RONT LEWIN  
 JAMES DAVID LEWIS  
 OWEN LINDER  
 REBECCA SUE LIVELY, High Honors in Liberal Arts and Sciences  
 JO ELLEN LOVSTAD, High Honors in Liberal Arts and Sciences  
 STEPHANIE MAGILL, with Distinction in Anthropology  
 DAVID LINCOLN MANTEUFFEL  
 JEREMY DAVID MARGOLIS  
 SHERRYL DAUTEN MARSH  
 GUINEVERE SMITH MARTIN  
 DIANE MAYES  
 MARY McARTHUR, Honors in Liberal Arts and Sciences  
 MICHAEL SHAWN McCORD  
 MARIANN NOLTA McDONAL  
 JAMES PATRICK McELIGOTT, High Honors in Liberal Arts and Sciences with Distinction in Economics

MICHAEL VINCENT METZ  
 ANNETTE McNISH MEY  
 CAROL COLLISTER MICHALAK, High Honors in Liberal Arts and Sciences with Highest Distinction in German  
 SANDRA NATSUKO MOTOSAKA  
 MICHAEL MARTIN MURPHY  
 RICHARD WALLACE MURPHY  
 RONALD RAYMOND MUTZ  
 MARK JAMES NETTER  
 LAURA ANN O'BRIEN  
 JOHN ERNEST PALINCAS  
 NANCY JEAN PARKER  
 CLAIRE NELSON PARTLOW  
 FRANCINE GRACE PATTERSON, High Honors in Liberal Arts and Sciences  
 DAVID McKINNEY PEMBERTON, with Distinction in History  
 JOHN AUSTIN PETERSON, High Honors in Liberal Arts and Sciences with Distinction in Philosophy  
 PATRICIA LEE PETERSON  
 JERROLD STEPHEN PIME  
 TERESA MARIE PLETT, Honors in Liberal Arts and Sciences  
 FRED JOSEPH POCHOWICZ  
 CHARLES OLIVER PRICKETT  
 GARY VITO PUMILIA  
 ELYSE VITA RADTKE, High Honors in Liberal Arts and Sciences with Distinction in Anthropology  
 SOL RAJFER  
 JOHN ALAN REED  
 ELISABETH ANN REEDER, Honors in Liberal Arts and Sciences  
 MARY ANN RIKSHEIM  
 LAWRENCE ARTHUR ROBINS  
 JUDY DeMOSS RUDNICKE  
 ANNE MARIA RUMORE, High Honors in Liberal Arts and Sciences  
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 BRUCE ALAN RUTAN, Honors in Liberal Arts and Sciences  
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 MARY LOUISE SAUTTER  
 ALAN JEFFREY SCHNEIDERMAN  
 BARBARA LYNN SCHULT  
 WILLIAM MAURICE SHIPLEY  
 RONALD NATHAN SILVERMAN  
 SHARON MORRIS SMEDLEY  
 DENNIS WILLIAM SMITH  
 CHERYL MUELLER SNEAD, High Honors in Liberal Arts and Sciences  
 LAURA MAITRE SNELL, Honors in Liberal Arts and Sciences  
 PETER JULIAN SOBER  
 HARRIET SPIEGEL, High Honors in Liberal Arts and Sciences with Distinction in Sociology  
 PENNY SPOKES, High Honors in Liberal Arts and Sciences  
 MARGARET ELLEN STANEK

MEREDITH ALICE STANFORD  
 MICHAEL LESLIE STONE  
 CRAIG ALLEN SULAK  
 DIANNE TAYLOR  
 MICHAEL DON TAYLOR  
 BARBARA GAIL TREGER, Honors in Liberal Arts and Sciences  
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 MARTIN ADAM URBAS  
 LUIS CRISTÓBAL VERA CEDEÑO  
 CHARLES ANDREW WEEKS, High Honors in Liberal Arts and Sciences with High Distinction in German  
 CATHERINE MARIE WEHR, High Honors in Liberal Arts and Sciences  
 ROBERT JOHN WENGERSKI

BARBARA ANN WEST  
 PAUL WILLIAM WEXLER  
 MARK CAMERON WHEELS  
 SUSANN L. WILKINSON  
 BARBARA JUNE WILLIAMS, Honors in Liberal Arts and Sciences  
 SUSAN ELIZABETH WILSON, Honors in Liberal Arts and Sciences  
 DALE PAUL WINKLER  
 RICHARD STANLEY WITEK  
 NORMAN BARRY WOLF  
 STEPHEN MICHAEL WOLF  
 STEPHEN DOUGLAS WONNEBERG  
 CARL STANLEY WOODWARD  
 RONNIE SANDRA ZEMEL

*In the Teaching of English*

ALAN JOHN AHCIN, Honors in Liberal Arts and Sciences  
 BETSY LEONE ANDERSON  
 LYNN STEIN BONDE  
 KATHLEEN MARTHA BRANIA  
 MARY SUSAN BRENNAN  
 ANDREA KLAIN BROWNSTEIN  
 ROBIN JEAN BURKHEAD  
 LEONA YOUNGQUIST CARLSON  
 MARY ELAINE CARRIGAN  
 LINDA LEE DOMAN  
 WAYNE ETTEMA  
 MARY FRANCES HACKLEMAN  
 LINDA WERTS JENSEN  
 KAY MARIE POPP KANDRAC, Honors in Liberal Arts and Sciences  
 ELIZABETH JANE BALLANCE KLIMAS  
 SARA LOUISE MCKINNON, Honors in Liberal Arts and Sciences

SANDRA LEE HUFFORD MEYER, High Honors in Liberal Arts and Sciences with Distinction in the Curriculum  
 JOANNE PATRICIA RAJALA  
 MARJORIE LYNN REEN, Honors in Liberal Arts and Sciences  
 VICKY WALL RHOADES  
 MARCIA LYNN SHULAR, Honors in Liberal Arts and Sciences  
 JOY FLORENCE SOBEL, Honors in Liberal Arts and Sciences  
 LINDA EWERS TICE, High Honors in Liberal Arts and Sciences with Distinction in the Curriculum  
 JANIS RAE YELLIN, High Honors in Liberal Arts and Sciences

*In the Teaching of French*

MARLA KATHRYN ADELSON, Honors in Liberal Arts and Sciences  
 SABRA SUNDT JACOBS  
 TIU VOHMA KAYSER  
 CHRISTIE KAY OLSON, High Honors in Liberal Arts and Sciences with High Distinction in the Curriculum  
 MONIQUE PAGANO

DONNA JEAN PARKS, Honors in Liberal Arts and Sciences  
 GWENDOLYN ANN PAYNE  
 NANCY SUE RABIN, Honors in Liberal Arts and Sciences  
 TERENCE FAY SEBRIGHT  
 LINDA ANNE SZALKOWSKI  
 SUSAN KNILANDS VEATCH

*In the Teaching of German*

MARY PATRICIA PHILLIPS

SUZANNE ELIZABETH SPINNER

*In the Teaching of Latin*

KENNETH ALLAN LOLLI

*In the Teaching of Russian*

BARBARA NAN FELL  
 MARIA ANN JACHNIW  
 FRANCINE KAY MALEK, High Honors in Liberal Arts and Sciences with High Distinction in the Curriculum

DANICA MANDIC, with Distinction in the Curriculum  
 LUDMILLA VALENTINA REVENKO  
 VERA ULANOWSKI, with Distinction in the Curriculum

*In the Teaching of Social Studies*

PHEBE KAY ADRIAN, Honors in Liberal Arts and Sciences

SHERRY KLONDIKE ATKINSON  
 BARBARA JEAN BROWN

PHYLLIS GRACE BURGWARD, High Hon-  
ors in Liberal Arts and Sciences  
JILL DEWINTER HARTLEY  
PAUL HERSCHEL HERCHE  
DANIEL JOHN JARES, High Honors in  
Liberal Arts and Sciences  
ANN JULIA KALINOWSKI, Honors in  
Liberal Arts and Sciences  
CARLA JEAN MARLER  
DIANNE MASSOCK, High Honors in Lib-  
eral Arts and Sciences

PAULA JEAN MCCONKEY  
ALICE GORDEN MORELAND, High Honors  
in Liberal Arts and Sciences  
NOREEN MARY PARKS, High Honors in  
Liberal Arts and Sciences  
HILARY ROSENBERG ROSENTHAL, High  
Honors in Liberal Arts and Sci-  
ences  
SANDRA MONTALBANO SCHWARER  
SUSAN MARIE WORMLEY

*In the Teaching of Spanish*

HAROLD LEE KOCH  
MYRA ANN MARTIN

ROBIN SELLERS PEPPER  
MICHAEL ANGEL VELAZQUEZ

*In the Teaching of Speech*

MARIJANE HARCKE SWANSON

*In Theatre Art*

MICHAEL BYRON FILICKY  
LAURA LYNN SCHULTZ HASTINGS

KENT MAURICE MELCHER

**Degree of Bachelor of Science**

*In Chemical Engineering*

GEORGE TIMOTHY BACHMAN  
DONALD LEROY BUNNING, High Honors  
in Liberal Arts and Sciences with  
Highest Distinction in the Curric-  
ulum  
GERALD DECESARO, High Honors in  
Liberal Arts and Sciences with  
Distinction in the Curriculum  
JEFFREY LEE DUNCAN, High Honors in  
Liberal Arts and Sciences with  
Highest Distinction in the Curric-  
ulum  
WAYNE DAVID ELLISON  
JOHN BENARD FOLKERS  
ROBERT MARTIN GARBER

ROBERT LARRY HOWELL, High Honors  
in Liberal Arts and Sciences with  
Distinction in the Curriculum  
JOHN RICHARD KIRTLEY  
JEFFERY JAMES LAWHORN  
DALE RODNEY LYONS  
LARRY ALBERT MULDER  
RONALD LEE ROLANDO, High Honors in  
Liberal Arts and Sciences with  
Highest Distinction in the Curric-  
ulum  
ALAN KENT SHADENSACK  
JEFFREY HOWARD WALDBESER, High  
Honors in Liberal Arts and Sci-  
ences with High Distinction in the  
Curriculum

*In Chemistry*

LARRY RICHARD FREDRICKSON, with Dis-  
tinction in the Curriculum  
NICHOLAS JOHN LOY, with Distinction  
in the Curriculum

ROGER MARTIN RADUE  
LAURENCE TOWNE WYLIE, High Hon-  
ors in Liberal Arts and Sciences

*In Liberal Arts and Sciences*

LESLIE APPEL  
DAVID SPENCER BAKER  
LOUIS BASLAW  
MICHAEL WAYNE BLAZIER  
MARLA SUE BORCHERS, High Honors in  
Liberal Arts and Sciences  
STEPHEN BEN BRAHILL, High Honors  
in Liberal Arts and Sciences  
SUSAN MESSMORE BUSINARO  
GRETCHEN DIGMAN BUTERA  
RICHARD LEROY BYVIK  
ROBERT EUGENE CARRARO  
MARY DIANA CATTELL, High Honors in  
Liberal Arts and Sciences

RONALD MITCHELL CHATTLER  
ROBERT WILLIAM COLE  
PAMELA JEAN CONAGHAN  
JEFFREY FRANKLIN CROSS  
CHARLES JOSEPH CUSIMANO  
CLINTON EARL DIEKMAN  
TROY MICHAEL DOETCH  
PATRICK ALAN DRAYTON  
LOREN ALAN DRAZNIN  
CATHY DILLON FLESS  
JOE ALAN FULTON  
DEBORAH FOSTER GANAWAY  
JEFFREY DOMINIC GERRICK  
ALAN LEE GILMAN

DAVID RALPH GOODWIN, JR.  
 PATRICIA ANN GRACI, Honors in Liberal Arts and Sciences  
 MARCIA ANN GREAVES  
 STEPHEN ALBERT GREGORY, High Honors in Liberal Arts and Sciences with Highest Distinction in Astronomy  
 JOHN GSCHWIND  
 THOMAS ALLEN GUSTAVSON  
 KAREN MARIE HANNIGAN  
 JANET CAMILLE HARMESON  
 KENNETH JAMES HARTWIG  
 RANDOLPH WAYNE HAYDEL  
 MARTHA ALICE HOHN, Honors in Liberal Arts and Sciences  
 KAY GURINE HOLT  
 CAROLE GAETZ HUNTER  
 KATHLEEN IRISH  
 NANCY KAY JACKSON  
 HOWARD JOHN JUNG  
 LINDA DIANE KALMANEK, High Honors in Liberal Arts and Sciences  
 NANCY KAMMAN  
 MARY JENNIFER KANE, Honors in Liberal Arts and Sciences  
 MARY ANN KAUTZ  
 DIANA JANE KNAAK  
 NANCY JEAN KRUEGER  
 SAUNDRA MONROE LAPPIN  
 PAUL THOMAS LARSON  
 PENELOPE FLEMING LAUGHAN  
 ELIBETH ANN LAWLER  
 WILFRED PAUL LAWRENCE  
 BRUCE ROBERT LEASURE, High Honors in Liberal Arts and Sciences with Distinction in Mathematics and Computer Science  
 RUTH ANN LEE  
 ARTHUR JOHN LEMKE  
 KRISTINE BRZEZINSKI LESTON  
 JORDAN MARK LIBIT  
 JOHN CHARLES LINDQUIST, with Distinction in Mathematics

KURT ERIC MARHOEFER  
 JEROME ARNOLD MATTINGLY  
 KAY ELLEN MCCRARY  
 ANNE LOUISE MCNAMARA  
 ROBERT ARTHUR MICKELSEN  
 ROBERT ALLEN MILLER  
 RONALD PAUL MOWERS, High Honors in Liberal Arts and Sciences  
 MICHAEL MARTIN MURPHY  
 CHRISTINE KLUG OWINGS, High Honors in Liberal Arts and Sciences  
 STUART JOHN PARKER  
 VALERIE JEAN PETERSON, Honors in Liberal Arts and Sciences  
 DAVID JAMES RADOSH  
 CAROLE ANN RICHARD  
 MICHAEL RISZKIEWICZ  
 JAMES EDWARD ROMAN  
 NILES ROBERT ROSEN, High Honors in Liberal Arts and Sciences with Highest Distinction in Statistics  
 JODEY B. SCHONFELD  
 CHARLES JOHN SHEVIK  
 JANET SUE SNEATH  
 KAREN ANN STASUKAITIS  
 DONALD GENE STEELY  
 JOHN THEODORE SZYMANSKI, High Honors in Liberal Arts and Sciences with Distinction in Mathematics  
 JAMES HOWARD TESDALL  
 KAREN INGWERSEN TOEDTER  
 VIRGINIA STIRTON WADLEIGH  
 GREGORY CHARLES WAGNER  
 DAVID SCOTT WASHBURN  
 WILLIAM JOHN WHITE  
 LAWRENCE KAR-LUN WONG  
 JACK CLARENCE WURMNEST, High Honors in Liberal Arts and Sciences  
 MARTIN DAVID YONKE  
 LYNN KAREN ZACNY  
 MILES J. ZAREMSKI  
 PAUL JOHN ZIMA

#### *In Physics*

JOHN EDWARD GRIMSLEY

HARRY WAYNE McQUEEN, High Honors in Liberal Arts and Sciences with Distinction in the Curriculum

#### *In Speech Correction*

MARY LOUISE McHENRY  
 MARY PATRICIA DEAN SCALIATINE

JANET CLAIRE WAGNER, High Honors in Liberal Arts and Sciences with Distinction in the Curriculum

#### *In the Teaching of Biology*

Joy ERIKSEN, High Honors in Liberal Arts and Sciences with Distinction in the Curriculum  
 MAUREEN THERESA ANN HUGHES

RENDALAYNE HUGHES  
 DENNIS ALAN KAPLAN  
 PETER ANDERSON MANHART  
 VIRGINIA ADELE RICE

#### *In the Teaching of Chemistry*

TED JOSEPH SINGLETARY

*In the Teaching of Earth Science*

TERRY LEE CARIUS

*In the Teaching of Mathematics*

MARLENE BLUM ABLIN, Honors in Liberal Arts and Sciences

MICHAEL LEE ANDREWS

LOIS MARIE BRAUER, High Honors in Liberal Arts and Sciences with Distinction in the Curriculum

ROBERT ARNOLD FERGUSON, Honors in Liberal Arts and Sciences

GRACE LUCILLE GASPARRO, High Honors in Liberal Arts and Sciences

NANCY LORRAINE KOERNER, High Honors in Liberal Arts and Sciences with Distinction in the Curriculum

LAURA LEE LUEDTKE

RONALD MILTON MEYER

REGINA KAY MIDYETT

KATHRYN JOAN SCHILL

BEVERLY JANE WISEMAN

*In the Teaching of Physics*

ARTHUR STOBIE BUSWELL

## COLLEGE OF LAW

## Degree of Juris Doctor

BRUCE WALLACE BAIRD, B.S., Northern Illinois University, 1967

JOHN ALBERT BEYER, B.S., Northern Illinois University, 1967

HEN-CHIE CHEN, B.A., National Taiwan University, 1963; M.C.L., 1967

KEITH HOWARD FITZGERALD, B.A., Southern Illinois University, 1967

MICHAEL OTIS GIBSON, B.A., St. Procopius College, 1967

KENNETH HOWARD GRANAT, B.B.A., University of Michigan, 1967

DAVID CHARLES KOPP, B.S., Northern Illinois University, 1967

RICHARD RANDALL PACE, B.S., United States Naval Academy, 1963

DONALD CHESTER PLACE, JR., B.A., Dartmouth College, 1967

MICHAEL Duer Rapp, A.B., University of Michigan, 1962

DAVID JEROME RICHTER, B.S., University of Wisconsin, 1962

WILLIAM MOORE ROBERTS, B.S., 1958

MARY JANE REYNOLDS WEBB, B.S., University of Arizona, 1962

FRANK RAYMOND WIEMERSLAGE, B.S., 1965

## COLLEGE OF EDUCATION

## Degree of Bachelor of Science

*In Elementary Education*

NANCY ADAMS, Honors

CAROL JOAN JOHNSRUD ADLER

ANGELA JANE BABEL

DEBORAH RAE BERGER

CLAUDIA BOVEE BROOM

LINDA THOMAS BURKE, Honors

MARGARET SUE CARROLL, High Honors

PATRICIA ANN CERAJEWSKI

JACQUELINE KAY CLARK

LUCY VIRGINIA CONROY

ELEANOR STOFFER COX, Honors

MARY KATHERINE DORRIS FONNER, High Honors

MARIE SKOIRCHET GOVERT, Honors

WENDY LEE GUNTHER

CAROL MILLER HAIN

NANCY ANN HALLSTROM

PATRICIA ANNE HENDRICK

LINDA SUSAN JAVOR

DONNA LAUER JOHNSON

JANSELY JOHNSTON

JANIS SUE KALMANSON

CAROLYN WILTBERGER KREMPL

KAREN JUDY LEIN, High Honors

SUZAN ROSS LEWKE

SHARI RAE MADDEN

DIANE LOUISA MELTON, Honors

ROWENA HODGETT MILLER

JEANNE MARIE DAVIES MONTGOMERY, Honors

SUZANNE ELAINE MORTHLAND

BARBARA FERN PARKER

LINDA JANICE PETERSEN

SHERI HUMPHREY PETERSON

JANYCE CONNELL PHILLIPS, Honors

MAXINE LEVINE PRICKETT

SUSAN HUDDLESTON PURKISER

ROCHELLE SIEG RAMBACH

BETH ELLEN ROBBINS, Honors

MARCIA CLAIRE RUSTIN, Highest Honors

SUE KENTNER SEYMOUR, Highest Honors

CAROL ANN SHERRICK

CHARLENE MCGEE SMITH, High Honors

KAREN ESMOND SPINHIRNE, High Honors

GAIL LORRAINE STERBA, Honors



PATRICIA ANN STINE, Honors  
 LYNDA LOU STRATMAN  
 RUTH ANN MASTERTON TRULOVE

MARY BAER VICKERS  
 NANCY JANE WALKER  
 GAIL SUE WERNIKOFF, Honors

*In Industrial Education*

ROBERT PAUL BERTHOLD  
 ALAN NIGEL CARSON  
 GEORGE BYRON CLARK  
 EDWARD EPPERSON FOUTCH  
 GERALD LEON GRANER  
 JEFFREY ALAN JOHNSON  
 DENNIS JULE KREKLOW  
 DAVID NEIL McLANE

LENNARD GEORGE PAULSEN  
 RALPH WALTER PLUMMER, JR.  
 LARRY FRANCIS SMITH  
 ROBERT ALLEN STEEL  
 PHILLIP DOUGLAS TUNSTALL  
 THOMAS SAMUEL VALENZIA  
 JAMES EUGENE VLIET  
 JAMES FREDERICK YAISER

*In Secondary Education*

PAUL VICTOR BRODT  
 ADAM GEORGE CHUBINSKI  
 HAROLD BERNARD DEAN, Honors  
 BENJAMIN ALFRED HALLADA  
 CAROLYN JANE COTTLE HAMILTON

PHILIP KEITH HUMMEL  
 JULIE LYNN PEARSON  
 HARRY LEE SIMONSEN  
 JUDITH ANN WILLIAMS  
 CRYSTAL SLADE YON

COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION

Degree of Bachelor of Science

*In Accountancy*

RICHARD CHARLES AHERN  
 JOHN FRANK AKEMANN  
 WILLIAM FRANK BARIDON  
 WILLIAM HOWARD BARRICK  
 JAMES ROLF BJERKAN  
 WILLIAM MICHAEL BLANDA  
 GAREN GENE BOHLIN  
 GARY KESTER BOWEN  
 PATRICIA ANN BUTTS  
 DANNY LEE CARLSON  
 JAMES ROBERT CARLSON  
 RICHARD ALAN CARLSON  
 BARRY STEVEN CARNOW  
 JANET LYNN CAYTON  
 ROBERT KENT CHALBERG  
 ROBERT EUGENE CROWSON, JR.  
 DANIEL NOEL CUMMINGS  
 JAMES RICHARD DANIEL  
 JAMES BERNARD DIECK  
 KATHLEEN BURKE EDWARDS  
 MICHAEL LEE EMIGH  
 WILLIAM FRED EVANS, Honors  
 MICHAEL EDWARD FITZGERALD  
 LAWRENCE FITZPATRICK  
 ROGER GLENN FRANCIS  
 JOSEPH ALBERT FRANZ III, High  
 Honors  
 MARK EDWARD FRIEDMAN, Honors  
 JOHN ALAN GREENWELL  
 STEPHEN JAY HARRISON

JOHN KEITH HASSENPLUG  
 FRANK CHARLES HAUBNER  
 THOMAS KING JARRETT  
 SHEILA THYRA JONES  
 THOMAS WILLIAM KURTH  
 WILLIAM PAUL LUXEN  
 DAVID WESLEY MINICK  
 JOHN RICHARD MOHAN  
 DWAYNE IRWIN MORRISON  
 THOMAS LAWRENCE NOLAN  
 LESLIE BARRY OLEFSKY  
 EDWARD LEO PANIAK  
 JAMES ROGER PATTERSON  
 ALAN FRED PORTELLI, Honors  
 RICHARD JOSEPH REGNIER  
 RICHARD JAY RICE  
 ROBERT WILLIAM RUBEL  
 ALAN RIEPE SCHAFFER  
 TERRELL LEE SHARP  
 PETER LAWRIE SHAW  
 STANLEY CLARK SHOBE, Honors  
 DAVID CRAIG SHOEMAKER  
 RONALD FLOYD SIEGEL  
 JAMES LEE SNYDER  
 LAWRENCE RAY STEINER  
 GAYLE ELLEN STONE, High Honors  
 CURTISS DAVID SUMMERS  
 CAROL ANN SWIDERSKI, Honors  
 CHARLES HUGH THOMPSON  
 WILLIAM MICHAEL VICHICH

*In Commercial Teaching*

NANCY JEAN BERRIE  
 MARIAN LOUISE BEYER

BETTY SUE RIGGINS, Honors  
 LINDA BENTLEY SHIRLEY

*In Economics*

JEAN MICHEL CORTES  
 MITCHELL FRANK STEVENS

MARY FIJAK THOMAS  
 MELVIN LEE WYNS

*In Finance*

BRIAN GEORGE ALTMAN  
KENNETH EDWARD BARRAGREE  
RONALD RICHARD BOOKLAND  
STEVEN MARK BRUNNER  
EDWARD CHARLES CAHILL, JR.  
KENG-JUEA CHEW  
MICHAEL WAYNE CLARK  
ALBERT JOSEPH DE VON, JR.  
RICHARD ALLEN DRYSDALE  
JAMES JOHN ELLIS, JR.  
WILLIAM GIBONEY EVANS  
LARRY GILBERT FETZER  
WILLIAM TYLER HARD  
JOHN DONALD HOWAT  
JAMES MICHAEL JACOBS  
JAMES JOHN KERWIN

LARRY THOMAS KLOBE  
JOHN HARLAN LAMB  
DAVID LYNN MILLER  
RONALD EMMET MOEHLING  
DANTON FRANCIS MULCAHEY  
ROY EGIL PEDERSEN  
DAVID LEE POSKA  
ROBERT HILL PROLA  
FREDERICK CHARLES QUIRSFELD  
TERRY LEE REYNOLDS  
MICHAEL PHILLIP RYAN  
ALLEN DALE SEEVERS  
CHARLES EDWARD STALEY  
MICHAEL LEE STASKO  
JOHN LLOYD STOETZEL  
RICHARD BRUCE TRAVIS

*In Industrial Administration*

DONALD WILLIAM BENNETT  
BRUCE RICHARD BROWN  
WILLIAM EDWARD COPELAND, JR.  
JOSEPH ROBERT DANIELS  
GARY LAMAR GENTRY  
JOHN GREGORY GOESSLING  
RONALD EUGENE GRABB  
DENNIS DEE HALL  
RUSSELL JOHN HOFMANN  
WAYNE ALAN LENCZYCKI  
GARY LEE MILLER  
BRUCE RAYMOND MINALE  
KENNETH ROBERT MORGAN

THOMAS THEODORE OSBERG, Honors  
JOHN ARTHUR PENNING, JR.  
CHARLES EDWARD PONSONBY  
GEORGE RONALD POWERS  
GARY LEE SILL  
PAUL THOMAS SMITH  
GARY ELDON STEINER  
JEFFREY LEE SWANSON  
JAMES MICHAEL WIERDAK  
KENNETH LAVERNE WOLGAST  
STEVEN ALBERT WRIGHT  
RICHARD ANTHONY ZEFFIRO  
KENNETH ERNEST ZUHLKE

*In Management*

TERRANCE LEO O'NEILL

*In Marketing*

JAMES WILLIAM BAKER  
JOHN CARL BERT  
MICHAEL ANTHONY DUBROVICH, JR.  
JOHN BARCLEY ELLOR, JR.  
MYRON GLASSMAN  
RICHARD JOHN HANDZO  
JEFFREY LEE HAYS  
JOHN LEONARD HERZBERGER  
NANCY THAL HUPFER  
LARRY BRYAN JOHNSON  
ALAN MICHAEL KLEIN  
DIANE JEAN MERGEN  
MICHAEL ALAN MIELE

EDWARD HOWARD MISHLOVE  
THOMAS LEE MITCHELL  
MICHAEL PAUL MURAWSKI  
JANICE GRACE POTT  
JOHN PETER ROWE  
BRUCE ALLEN SELF  
RICHARD HENRY SHIRLEY, JR.  
PAUL FRED STONE  
HAROLD RICHARD VANSELOW, JR.  
MARTIN CARL VOSS  
ROBERT LELAND WEILBACHER  
LARRY LEE WILSON  
GARY LEE YORK

## COLLEGE OF COMMUNICATIONS

## Degree of Bachelor of Science

*In Communications*

ANDREW ALAN BENDEL, Honors  
RHONA SONDRRA BERKOWITZ, High  
Honors  
CHARLES ARTHUR BOUDREAU, Honors  
BARBARA LYNNE CHESNA  
THOMAS ROBERT CLARK  
TERRANCE JOHN CONNELLY  
GREGORY EDWARD CORCORAN

KATHY KUHNER DOCTER  
DAVID VERNON DVORAK  
ROBERT RUSSELL GERCHES  
MARTIN JOHN GOERS, JR.  
STEVEN DENNIS GOLDBERG  
MICHAEL ALEXANDER GRANT  
EDWARD JOSEPH GREEN  
EDWARD LOUIS HOWARD

VERNON BALDWIN KINNEE  
 DAVID JAY KRAVITZ, Honors  
 LINDA MARIE LEGNER  
 LAWRENCE MICHAEL LEVINE  
 ALLAN SYDNEY LIEBERMAN  
 HELEN KATHLEEN LUKAS  
 SANDRA ECHELES LUNDGREN, Honors  
 JOSEPH FRANCIS MALONEY  
 RICHARD WALTER MARKEY

GAIL FRANCES O'CONNELL  
 CAROLE DIANE POWERS  
 WILLIAM CHARLES SAYRE  
 MICHAEL VERNON SNEAD  
 SUSAN POZZI TAYLOR  
 HOLLADAY BROWN THOMPSON  
 SALLY JEANE WAGNER  
 STEVEN WILLIAM YAHN

### COLLEGE OF FINE AND APPLIED ARTS

#### Degree of Bachelor of Architecture

RICHARD JAMES ANDRESEN  
 LARRY JAY BUCKLEY  
 CHARLES ROBERT BUSINARO  
 DENNIS WAYNE CALVERT  
 STEPHEN PAUL COURT  
 STEPHEN LANE CRANDELL  
 JAMES KENT EILERS  
 DAVID ALLEN EVERS  
 FRANKLIN JEROME GALVIN  
 CHARLES NICHOLAS GEORGES II  
 GARY LINN GRAHAM  
 DAVID ROBERT GREENHALGH  
 KENNETH RICHARD HUBBARD  
 ROBERT JARMAN HULT, High Honors  
 ROBERT JOHN HUNT  
 JAMES ARTHUR JOHNSTON  
 GARY ROBERT LAMB  
 MICHAEL WILLIAM LANDFRIED  
 RAYMOND HARLAND LYTLE  
 MICHAEL GARY MASNY  
 JAMES RICHARD PEARSON  
 BOBBY CALDWELL POOLE

KENT FREDERICK POTTER  
 JOHN PIERCE RAPP II  
 JEROME WAYNE RASGUS  
 TIMOTHY JOHN REED  
 KENNETH EDWARD ROHLFING  
 RICHARD FRANCIS ROWE  
 IVAN MARK SCHAYE, High Honors  
 WAYNE SAM SCHMIDT  
 TERRY ALLEN SCHULTZ  
 ROBERT ELLIOTT SHIPLEY, High Honors  
 STEVEN SAMUEL SIDER, Honors  
 ERIC LESLIE SIMMONS, JR.  
 DOUGLAS FREDERICK STOKER  
 NEIL ELMER STRACK  
 RANDALL NOBUO TAKAHASHI  
 STEPHEN MERRILL THIESING  
 RODERIC LAIRD THOMSON, High Honors  
 PHILLIPS SCOTT WEDEKING  
 RONALD LEE WENGER, Honors  
 WILLIAM EDWARD WHITENHILL  
 THOMAS WILLIAM WILKINS

#### Degree of Bachelor of Arts

##### *In Dance*

JUDITH ANNE HOOK, High Honors

#### Degree of Bachelor of Fine Arts

##### *In Art Education*

APRIL LEE FOSTER, Highest Honors	ROSEMARY ANNE POTTORFF
DONNA MARIE HOGAN, Highest Honors	ROBERTA RICH, Honors
JOSEPH DONALD HUBBARD	FRANCINE LEWIS SINSABAUGH, Honors
PHYLLIS ANN PACIN	JEANNE DOROTHEA WEISMAN, Honors

##### *In Crafts*

NOREEN SERAN NEPOLA, High Honors

##### *In Graphic Design*

JAMES MICHAEL BODOH, Honors	ROBERT LESLIE MOORE, JR.
ARTHUR RONALD DURINSKI, Honors	RITA CAROL ROZICH
ESTHER LEE GARRET	JANET COOPER SPOHN
GERARD FRANCIS KING, JR., Honors	DENNIS EUGENE WOLKEN

##### *In the History of Art*

MARK LEE FRAZIER	ALAN ROBIN GORDON
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##### *In Industrial Design*

DAVID EDWARD ANDERSON	THOMAS JOHN CAMPBELL
WILLIAM CLAUDE BALKEY	KEITH PAUL CURTIS

PAUL TERRY DUBSON  
MARY ANNE FLAVIN  
RICHARD ALAN GREENBERG  
WAYNE ROBERT HUTTER  
DANIEL NICHOLAS KOVACEVIC  
GLENN MICHAEL MORETON

KENNETH CALVIN SCHORY  
DANIEL LAWRENCE SCHWARTZ  
JOHN AUSTIN SHULTZ  
GARY ALAN SPURLING, High Honors  
ROGER MORRIS VAN WEELDEN

*In Painting*

MARGERIE OTTE DAHL  
DIANE EVA FILL  
REBECCA ELIZABETH FINDAHL, Honors

MARSHA ANN GETZ  
JORGEN DAVID HENRIKSEN  
BONNIE LYNN MASON

*In Sculpture*

DAVID CHARLES HENDRICKS  
SUSAN MARTHA KALUZNY

MARIA SADAUSKAS SHEEHAN

**Degree of Bachelor of Landscape Architecture**

THOMAS FRANK CREECH

**Degree of Bachelor of Music**

JON PAUL CHEVILLE  
CYNTHIA ZMRHAL DAVIS, High Honors  
JOHN RAY DIMOND  
NANCY FIZZELL GAMBLE, Honors

JAMES HARVEY KEAYS, High Honors  
AMY YUE YUEN LAI, High Honors  
MARY BELL SARD, Honors

**Degree of Bachelor of Science**

*In Music Education*

WILLIAM ALBERT BRIGGS  
JACK VALENTINE FELDPAUSCH  
JUDITH ROGERS MARCUM, Honors  
SHARRON JEAN PAYNE, Honors  
BEAU GRAM RANDT

KATHLEEN KAVANAUGH ROSBOROUGH  
JACK DANIEL SHARP  
ELIZABETH KAY STALEY, Honors  
MARTHA ALICE YANDELL

*In the Teaching of Dance*

JOELLA ENNES NICHOLS

**Degree of Bachelor of Urban Planning**

DAVID ALLISON BERGER, Honors  
JOSEPH WALTER ENTRESS, JR.

DOUGLAS LYNN HOUSTON  
RONALD PETER ZYSKOWSKI

**COLLEGE OF PHYSICAL EDUCATION**

**Degree of Bachelor of Science**

*In Health Education*

ARLENE SUSAN PIERCE

*In Physical Education*

MARGO SUZANNE ANDERSON  
CHARLES GORDON BALDWIN  
CLARENCE LEWIS BURCH  
NINA ELLEN COOK  
ELAINE SUE DITTMER  
STEVEN ROY ELLIS, High Honors  
RICHARD MORTON HALL  
VICKIE LYNN HAWKINS

ROY MELVIN HELSING  
RONALD DALE INGRUM, Honors  
LAWRENCE RICHARD KAUFMANN  
EDWARD SHERMAN OWEN  
CHARLES RALPH SCHIERER  
GREGG HAROLD SCHUMACHER  
JILANE CAROL SWIERINGA, Honors  
DUANE WILLIS THOREN

*In Recreation*

HOLLY NEFF BROOM  
DAVID FRANCIS CULKIN  
JOHN TIMOTHY FISHER  
THOMAS WAYNE FLETCHER

MICHELLE FLICHT  
WILLIAM PATRICK FOSS  
SUSAN HERBECK MOON  
WILLIAM ARNOLD TEBUSSEK

## SECRETARY'S REPORT

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

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

EARL W. PORTER  
*Secretary and Clerk*

HOWARD W. CLEMENT  
TIMOTHY W. SWAIN  
EARL M. HUGHES, *Chairman*