

MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

February 21, 1962



The February meeting of the Board of Trustees of the University of Illinois was held in the LaSalle Hotel, Chicago, Illinois, on Wednesday, February 21, 1962, beginning at 10:30 a.m.

The following members of the Board were present: Mr. Howard W. Clement, Mr. Irving Dilliard, Mr. Richard A. Harewood, Mr. Wayne A. Johnston, Mr. Harold Pogue, Mr. Timothy W. Swain, Mrs. Frances B. Watkins, Mr. Kenney E. Williamson. Governor Otto Kerner and Mr. George T. Wilkins were absent. Mr. Earl M. Hughes was absent when the Board convened but joined the meeting later.

Also present were President David D. Henry, Executive Vice-President and Provost Lyle H. Lanier, Dr. Joseph S. Begando, Vice-President in charge of University of Illinois at the Medical Center, Chicago, Professor Norman A. Parker, Vice-President for the Chicago Undergraduate Division, Mr. C. C. Caveny, Assistant to the President, Chicago Office, Director C. S. Havens of the Physical Plant, Mr. C. E. Flynn, Assistant to the President and Director of Public Information, Mr. James J. Costello, Legal Counsel, Mr. V. L. Kretschmer, Director of Auxiliary Services, Mr. Earl W. Porter, Assistant to the President, Mr. Donald C. Neville, Assistant to the Director of the Physical Plant; and the officers of the Board, Mr. C. W. Weldon, Treasurer, Mr. H. O. Farber, Comptroller, Mr. A. J. Janata, Secretary.

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

PRESIDENT'S REPORT

President Henry presented a Report on Selected Topics of Current Interest, copies of which were distributed at the meeting and a copy was filed with the Secretary of the Board.

AWARD OF CERTIFIED PUBLIC ACCOUNTANT CERTIFICATES

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

<i>Name</i>	<i>Address</i>	<i>State from Which They Obtained Certificates</i>
CLYDE EVERETT DICKEY	Buenos Aires, Argentina	Puerto Rico
WAYNE EMMITT ELDRED	Milwaukee, Wisconsin	Wisconsin
RALPH WALLACE ESTES	Glen Ellyn, Illinois	Missouri
RAYMOND ERNEST GRAICHEN	Devon, Pennsylvania	Pennsylvania
ROBERT H. GRAVES	Peoria, Illinois	Wisconsin
ROBERT DONALD HEVEY	Milwaukee, Wisconsin	Wisconsin
ROBERT ALAN LAUTERBACH	Denver, Colorado	Colorado
SHELDON WILLIAM MCGRAW	Detroit, Michigan	Michigan
JOEL SHIFFRIN	Chicago, Illinois	New Jersey

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, 1961, and who have fulfilled all other legal requirements under Sections 1, 2, and 3 of the Illinois Accountancy Act of 1943 as amended:

FRANKLIN ERNEST AGNEW III (Lake Bluff)	ALLEN DAVID BRONS (Chicago)
ANDREW AKOS (Chicago)	ROBERT WILLIAM BROWN (Downers Grove)
ROBERT RUSSELL ALLEN (Rockford)	GEORGE ROBERT BRUCKS (Dolton)
PAUL EDWARD ALTIG (East Peoria)	STANLEY GORDON BUBLEY (Morton Grove)
CHARLES HENRY ANDERSON (Springfield)	JOHN STANLEY BUBULA (Chicago)
WILLIAM EARL BALLARD (Chicago)	ROGER WILLIAM BURLINGAME (Park Forest)
GEORGE JOSEPH BANAS (Glenview)	RUSS BURTON (Chicago)
DONALD EVERETT BARK (Rolling Meadows)	DELMAR LEO CANUTE (Mattoon)
ROBERT CULLEN BARNES (Chicago)	CHARLES LOUIS CARAVATI (Oak Park)
WILLIAM HERBERT BAYLEY (Rockford)	DAVID IRVING CARLSEN (Park Forest)
LAWRENCE GILBERT BECKER (Chicago)	WILBUR LEON CARROLL (Peoria)
RONALD JAMES BECKER (Lombard)	WILLIAM GEORGE CEAS (Chicago)
SAMUEL ROY BELUSCHECK (Dolton)	JOEL WILLIAM CHEMERS (Chicago)
SHELDON BERMAN (Skokie)	GERALD JOHN CHIRPKA (Franklin Park)
DAVID CHARLES BILSING (Calumet City)	WILLIAM EUGENE CLIFTON (Forest Park)
EMERSON EDGAR BLUE (Chicago)	JAMES COCALAS (Cicero)
ARNOLD JAE BLUSTEIN (Chicago)	HERBERT LEE COHEN (Chicago)
BERNARD PAUL BOBBER (Chicago)	JULIAN MEYER COHEN (Chicago)
PHILIP JOHN BORNHOFEN (Chicago)	JAMES BERNARD CONKLIN (Chicago)
DONALD FRANKLIN BOUSEMAN (Chicago)	HERBERT LEIGHTON DEAN (Park Forest)
JACOB REUBEN BRANDZEL (Chicago)	JOHN JOSEPH DIRST (Chicago)
JOSEPH WILLIAM BRENNAN (Chicago)	

- BURTON IRA DOLGIN (Chicago)
 RONALD WAYNE DONE (Chicago)
 CARL ROSS DORRANCE (Forest Park)
 ROGER NEALE DOWNING (Glen Ellyn)
 LEE ALFRED DREYFUS (Chicago)
 DONALD ALFRED DRONE (Springfield)
 THOMAS JOSEPH DURKIN (Westchester)
 RONALD HERMAN DYKEMA (Lombard)
 JOHN EDWARD EASTON (Chicago)
 HAROLD GLENN ELLIOTT (Rockford)
 LORIN BRUCE ELLISON (Brookfield)
 ROBERT THOMAS EXBY (Chicago)
 EDMOND NATHANIEL FAMBRO (Chicago)
 JEROME NICHOLAS FAUST (Brookfield)
 LOUIS ABRAHAM FELTMAN (Morton Grove)
 MARVIN LINUS FISHER (River Grove)
 STANLEY ELLIS FISHER (Chicago)
 WILLIAM LAWRENCE FISHER (Park Forest)
 EUGENE PETER FOX (Skokie)
 JOSEPH FRANK FOX (Lake Bluff)
 DAVID LOUIS FRAKAS (Chicago)
 JON DALE FRENCH (Villa Park)
 HAROLD D. FRIEDMAN (Chicago)
 HOWARD FRIEDMAN (Chicago)
 HENRY CLAIR FUNK (Chicago)
 ALAN RICHARD GAULT (Skokie)
 MARTIN GILLERMAN (Chicago)
 BARTON M. GORDON (Wilmette)
 ANSHEL EUGENE GOSTOMELSKY (Skokie)
 DALE JOSEPH GRANACKI (Chicago)
 MERLE ROYDEN GRIMM (Park Forest)
 EDWIN NEIL HANLON (Evanston)
 JAMES LOUIS HARFIELD (Chicago)
 HAROLD HARRIGIAN (Chicago)
 PETER PATRICK HARRISON (Park Forest)
 CHARLES STEWART HAVENS (Homewood)
 PAUL EDWARD HEER (Park Ridge)
 WALTER GERALD HEIDKAMP (Chicago)
 ALBERT HEISLER (Chicago)
 GERALD LAWRENCE HENNESSY (Oak Lawn)
 BERNARD FRANCIS HESTER (Chicago)
 JERRY MACK HOOKER (Chicago)
 LEROY FRANCIS IMDIEKE (Charleston)
 MILTON FLORIAN JARZEMBOWSKI (Glenview)
 GEORGE BASIL JAVARAS (Oak Park)
 JACK LEE JENKINS (Bloomington)
 KENNETH JAMES JOHNSON (Chicago)
 ROBERT GORDON JOHNSON (Lombard)
 GEORGE VICTOR JONSCHER (Chicago)
 ABE JOSHUA KAPLAN (Des Plaines)
 DAVID KAPLAN (Chicago)
 ERNEST KAPLAN (Deerfield)
 ROBERT BULAND KARKOW (Evanston)
 JAMES LAUGHLIN KILLIAN (Bloomington)
- WILLIAM VINCENT KING (Chicago)
 BARRY EDWIN KIPNIS (Chicago)
 BERNARD MICHAEL KIRSNER (Chicago)
 RONALD RALPH KNAKMUHS (Mokena)
 HOWARD LAWRENCE KOGEN (Chicago)
 HAROLD AARON KOLOMS (Chicago)
 RICHARD GLIXON KOPEL (Chicago)
 WALTER THOMAS KOZIOL, JR. (Chicago)
 EIGO HENRY KUDO (Chicago)
 EDWARD JOHN KUSTKA (Evanston)
 LARRY THOMAS LAKIN (Des Plaines)
 ARNOLD LEDERMAN (Chicago)
 LIONEL FRANKLIN LENZ (Arlington Heights)
 MARTIN M. LEVY (Chicago)
 JOHN LEO LIEFFORT (Chicago)
 RICHARD ALVIN LINDROOTH (Chicago)
 DAVID EARL LIPSON (Chicago)
 THOMAS ROY LONG (Park Forest)
 STANLEY LAVERNE LOVE (Moline)
 JERRY ARTHUR LUIKEN (Chicago)
 DONALD LEO MADDEN (Chicago)
 DANIEL JAMES MAHER (Joliet)
 BARRY LOUIS MARCUS (Chicago)
 ANTHONY MARIO MARINI (Palatine)
 IRA MARKUS (Chicago)
 JOSEPH MAROTTO (Chicago)
 JAMES FRANK MARTIN (Chicago)
 JOHN PATRICK MCMANUS (Chicago)
 ROBERT PHILLIP MIHM (Danville)
 DAVID JOEL MILLER (Chicago)
 JOHN EDWARD MITCHELL, JR. (Chicago)
 NORMA JEAN MOSS (Chicago)
 JOHN ALVIN MULLINAX (Chicago)
 FREDERIC PHILLIP MUSSMAN (Chicago)
 GEORGE ALLEN NAUMAN (Oak Park)
 STANLEY CALVIN NEIMARK (Chicago)
 JACK SHELDON NITZKIN (Chicago)
 JOHN LUDWIG EDWARD NOYER (Des Plaines)
 ISAAC OBERMAN (Chicago)
 GEORGE DATER O'BRIEN (Warrenville)
 JAMES SYLVESTER O'CONNOR (Chicago)
 WALTER NORMAN OLSON (Elmwood Park)
 EDWIN VICTOR OLSZANSKI (Chicago)
 THOMAS RONALD ORSI (Chicago)
 JACK RICHARD PECK (Itasca)
 HAROLD MARTIN PETERSEN (Elk Grove Village)
 ERNEST VICTOR PETERSON (Chicago Heights)
 WILBERT JOSEPH PICHLER (Chicago)
 SHELDON PINES (Chicago)
 MARY ARLINE POLING (Chicago)
 ROBERT VINCENT POWER (Marion)
 LEROY RAYMOND PRELLWITZ (Chicago)
 MILTON RABYNE (Chicago)
 JOHN JOSEPH REILLY (Chicago)
 PHILIP TILDEN REINSTEIN (Evanston)
 RICHARD STANLEY RINGENBERG (Chicago)

ROBERT ALLEN ROSE (Chicago)	JACK KENNETH SORENSON (Chicago)
MARTIN GENE ROTH (Chicago)	DONALD ROY STAATS (Evanston)
SHELDON GERALD ROTTENBERG (Chicago)	RALPH GORDON STEVENSON (Mattoon)
DAVID LEE ROYALTY (Park Forest)	RONALD ALLEN STOCKDALE (Elmhurst)
RAMON LEROY RUONA (Chicago)	EVELYN LOUIS STOLLER (Bushnell)
JOHN JOSEPH RUSSELL (Evanston)	GEORGE STEPHEN SUDDOCK (Chicago)
JEROME WILLIAM RYAN (Des Plaines)	JOHN ROBERT SUICH (Chicago)
JERROLD NEIL SAEKS (Chicago)	JOHN PATRICK SULLIVAN (Chicago)
THOMAS MARTIN SAMP (Mount Prospect)	HAROLD DUANE SUNKEN (Oak Park)
SHASHANA H. SCHAAR (Decatur)	JEANNINE BARBARA SVEC (Chicago)
RICHARD AUGUST SCHUMACHER (Elgin)	GORDON MERLE SWANSON (Evanston)
ANDREW JOHN SCHUMI (Chicago)	JAMES STANLEY SWANSON (Spring- field)
FREDERICK HOWARD SCHWARTZ (Chicago)	RICHARD SWANSON (Byton)
SEYMOUR LEROY SCHWARTZ (Skokie)	THEODORE IRVING TAKS (Chicago)
THEODORE JOSEPH SCHWARTZ (Chicago)	WILLIAM CORNELIUS TERPSTRA (Lansing)
ROBERT JOHN SCHWEITZER (Park Forest)	RICHARD LYMAN THORP (Aurora)
CLAUDE EVERETT SEAVER (Rockford)	NORBERT ANDREW VALLEE (Wheaton)
ROBERT STANLEY SEELER (Chicago)	JACK LEONARD WALKER (Franklin Park)
JOHN BERNARD SELVAGGIO (Glen Ellyn)	DONALD WILLIAM WARDEN (Chicago)
THOMAS MICHAEL SENKERIK (Berwyn)	GERALD ALLEN WEBER (Chicago)
EDWIN HENRY SHAPIRO (Chicago)	WILLIAM FRANK WELCH (Chicago)
BURTON STANLEY SHARPE (North- brook)	ROBERT WILLIAM WELNHOFER (Arlington Heights)
LAWRENCE GENE SHAW (Canton)	HENRY GEORGE WISNIEWSKI (Chicago)
HOMER LEE SHOEMAKER (Monmouth)	ARMIN CARL WISSMUELLER, JR. (Berwyn)
MARVIN DAVID SIEGEL (Chicago)	NORMAN ZUCKERMAN (Chicago)

I concur.

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

BUDGET FOR 1962 SUMMER SESSION AND FACULTY APPOINTMENTS

(2) Submitted herewith are the budget and appointments to the faculty for the 1962 Summer Session.

The eight-week summer session at Urbana-Champaign will begin June 18 and end August 11; at the Chicago Undergraduate Division this session will begin June 22 and conclude August 17. The College of Pharmacy will have two six-week terms, June 18 to July 28, and July 30 to September 8.

The budget totals \$857,953 plus a reserve of \$70,318 for Urbana-Champaign; \$11,549 for the Medical Center; and \$139,482 plus a reserve of \$5,518 for the Chicago Undergraduate Division.

Salaries of members of the University faculty recommended for summer session appointments are computed on the basis of the standard formulae: two-ninths of the salary of the academic year for eight weeks of service, with proportionate amounts for shorter periods or for part-time service. The appointments being recommended include a number of visiting lecturers from other colleges and universities at the salaries indicated.

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

On motion of Mr. Swain, these appointments and the Summer Session budget were approved, and authority was given as requested. This action was taken by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs.

Watkins, Mr. Williamson; no, none; absent, Mr. Hughes, Mr. Kerner, Mr. Wilkins.

Summary

Salaries

Urbana-Champaign.....	\$ 838 133
Medical Center	11 549
Reserve	70 318
<i>Total, Urbana-Champaign and Medical Center.....</i>	<i>(920 000)</i>
Chicago Undergraduate Division.....	139 482
Reserve	5 518
<i>Total, Chicago Undergraduate Division.....</i>	<i>(145 000)</i>
<i>Total, Summer Session Salaries.....</i>	<i>(1 065 000)</i>

Wages, Expense, and Equipment

Urbana-Champaign	19 820
<i>Total, Summer Session Budget.....</i>	<i>\$1 084 820</i>

URBANA-CHAMPAIGN

Accountancy

	<i>Per Cent Time</i>	<i>Summer Salary</i>
1. Norton M. Bedford, Professor.....	100	\$ 3 623
2. Charles H. Griffin, Professor.....	100	2 356
3. Kenneth W. Perry, Professor.....	100	2 423
4. Vernon K. Zimmerman, Professor.....	50	1 134
5. Gerald D. Brighton, Associate Professor.....	50	1 023
6. Edwin J. DeMaris, Associate Professor.....	100	2 112
7. Robert E. Schlosser, Associate Professor.....	50	1 078
8. _____, Assistant Professor.....	100	1 845
9. Hellfried P. Holzer, Assistant Professor.....	100	2 000
10. Nancy A. Desmond, Instructor.....	100	1 112
		<i>(\$18 706)</i>

Anthropology

1. John C. McGregor, Professor.....	100	\$ 2 712
2. Edward M. Bruner, Associate Professor.....	100	2 000
3. Kenneth L. Hale, Assistant Professor.....	100	1 512
4. Curtis D. Tunnell, Assistant.....	100	1 334
5. _____, Assistant	50	445
		<i>(\$ 8 003)</i>

Architecture

1. Gabriel Guevrekian, Professor.....	100	\$ 2 623
2. G. M. Hodge, Associate Professor.....	50	1 229
3. Stephen J. Tang, Associate Professor.....	100	2 623
4. Elam L. Denham, Assistant Professor.....	100	1 556
		<i>(\$ 8 031)</i>

Art

1. Charles A. Dietemann, Professor.....	66 $\frac{2}{3}$	\$ 1 645
2. Harold A. Schultz, Professor.....	66 $\frac{2}{3}$	1 838
3. Carleton W. Briggs, Associate Professor.....	100	2 089
4. Donald E. Frith, Associate Professor.....	100	1 778
5. Mark Sprague, Associate Professor.....	100	2 045
6. Arthur R. Sinsabaugh, Assistant Professor.....	100	1 778
7. Julia Browne, Instructor.....	66 $\frac{2}{3}$	815
8. Dennis E. Byng, Instructor.....	66 $\frac{2}{3}$	934
9. George C. Ramsay, Instructor.....	100	1 223
10. Eugene C. Wicks, Instructor.....	100	1 356
11. Elinor E. Collin, Lecturer.....	100	1 356
12. _____, Visiting Lecturer.....	100	2 400
		<i>(\$19 257)</i>

University of Illinois Bands

1. Guy M. Duker, Assistant to the Director.....	33 $\frac{1}{3}$	\$ 667
		<i>(\$ 667)</i>

Botany

1. Donald P. Rogers, Professor.....	100	\$ 2 889
2. Dale M. Smith, Associate Professor.....	100	1 889
3. Zane B. Carothers, Assistant Professor.....	100	1 656
4. _____, Assistant.....	50	445
5. _____, Assistant.....	50	445
		(\$ 7 324)

Business Education

1. Ralph E. Mason, Associate Professor.....	50	\$ 959
2. Elizabeth R. Meison, Associate Professor.....	50	1 111
(See Education).....	(50)	(1 112)
(Total Salary).....		(2 223)
3. Mildred E. Reed, Assistant Professor (June 18-July 14).....	100	834
		(\$ 2 904)

Business Law

1. Paul C. Roberts, Professor.....	50	\$ 1 356
2. B. F. Kirkpatrick, Associate Professor.....	100	2 023
		(\$ 3 379)

Chemistry and Chemical Engineering

1. H. V. Malmstadt, Professor.....	100	\$ 2 889
2. J. W. Westwater, Professor.....	100	2 445
3. C. E. Pflugger, Assistant Professor.....	100	1 556
4. Peter Beak, Instructor.....	100	1 400
5. J. L. Brownlee, Jr., Instructor.....	100	1 556
6. _____, Research Associate.....	100	1 064
7. Daniel D. Perlmutter, Assistant Professor.....	100	1 823
8. _____, Assistant.....	50	489
9. _____, Assistant.....	50	489
10. _____, Assistant.....	50	489
11. _____, Assistant.....	50	489
12. _____, Assistant.....	50	489
13. _____, Assistant.....	50	489
14. _____, Assistant.....	50	489
15. _____, Assistant.....	50	467
16. _____, Assistant.....	50	467
17. _____, Assistant.....	50	467
18. _____, Assistant.....	50	467
19. _____, Assistant.....	50	467
20. _____, Assistant.....	50	467
21. _____, Assistant.....	50	445
22. J. R. Knowles, Visiting Lecturer.....	100	1 350
(c/o Mr. George Hammond, California Institute of Technology, Pasadena 4, California)		
23. A. M. Michelson, Visiting Lecturer.....	100	2 889
(Department of Chemistry and Chemical Engineering, 106 Noyes Laboratory, Urbana, Illinois)		
24. N. C. Yang, Visiting Lecturer.....	100	2 700
(Department of Chemistry, University of Chicago, Chicago 37, Illinois)		
25. _____, Visiting Lecturer.....	100	2 000
26. _____, Visiting Lecturer.....	100	1 800
27. _____, Visiting Lecturer.....	100	1 667
28. _____, Visiting Lecturer.....	100	1 667
		(\$33 476)

Child Development

1. Robert B. Smith, Assistant Professor.....	25	\$ 384
(See Home Economics).....	(25)	(384)
(See Music).....	(50)	(767)
(Total Salary).....		(1 535)
2. _____, Assistant.....	50	456
3. _____, Assistant.....	25	228
4. _____, Assistant.....	25	228
5. _____, Visiting Lecturer.....	100	1 244
		(\$ 2 540)

Civil Engineering

1. N. M. Newmark, Professor.....	25	\$ 1 223
2. G. H. Dell, Professor.....	100	2 223
3. Richard S. Engelbrecht, Professor of Sanitary Engineering..	100	2 556
4. Edwin H. Gaylord, Jr., Professor.....	100	3 112
5. William J. Hall, Professor.....	100	2 778
6. Herbert O. Ireland, Professor.....	50	1 223
7. Narbey Khachaturian, Professor.....	100	2 334
8. William H. Munse, Professor.....	50	1 539
9. Ralph B. Peck, Professor of Foundation Engineering.....	50	1 945
10. Moreland Herrin, Associate Professor.....	50	1 056
11. Arthur R. Robinson, Associate Professor.....	50	1 078
12. Mete Avni Sozen, Associate Professor.....	50	1 056
13. Melvin T. Davison, Assistant Professor.....	50	823
14. Steven J. Fenves, Assistant Professor.....	50	912
15. _____, Instructor.....	25	400
16. _____, Instructor.....	25	400

(\$24 658)

Civil Engineering (Summer Surveying Camp)

1. Milton O. Schmidt, Professor and Camp Director (June 18 to August 25).....	100	\$ 3 600
2. _____, Associate Professor (June 18 to July 21)....	100	1 278
3. W. A. Scott, Instructor (June 18 to August 25).....	100	1 625
(50 North Eighteenth, Easton, Pennsylvania)		
4. R. E. Morgan, Assistant (June 18 to August 25).....	100	1 250
(1103 Washington, Alton, Illinois)		
5. _____, Assistant (June 18 to July 21).....	100	625

(\$ 8 378)

Classics

1. John L. Heller, Professor.....	75	\$ 2 483
2. Gertrude Smith Greenwood, Visiting Professor.....	50	1 334
(1108 West Nevada Street, Urbana, Illinois)		

(\$ 3 817)

Digital Computer Laboratory

1. Kern W. Dickman, Research Associate.....	75	\$ 1 250
2. _____, Assistant.....	50	445

(\$ 1 695)

Economics

1. H. K. Allen, Professor.....	100	\$ 3 356
2. E. B. McNatt, Professor.....	100	3 089
3. Walter W. McMahon, Associate Professor.....	100	2 111
4. Case M. Sprenkle, Assistant Professor.....	100	1 756
5. Guy A. Schick, Instructor.....	100	1 634
6. J. C. Cooper, Assistant.....	50	445
7. T. M. Stevenson, Assistant.....	50	445
8. J. O. Bornhofen, Assistant.....	50	445
9. N. B. Murphy, Assistant.....	50	445
10. J. W. Eilert, Assistant.....	50	445
11. J. A. Sawyer, Assistant.....	50	445

(\$14 616)

Education

1. Fred P. Barnes, Professor.....	100	\$ 2 512
2. Thomas E. Benner, Professor.....	100	3 023
3. G. M. Blair, Professor.....	100	2 334
4. R. Will Burnett, Professor.....	100	2 656
5. Arnold W. Condon, Professor of Business Education.....	50	1 534
6. John J. DeBoer, Professor.....	100	2 423
7. Norman E. Gronlund, Professor.....	100	2 223
8. Stanley G. Hall, Professor of General Engineering (July 16 to August 11).....	100	1 200
9. Harold C. Hand, Professor.....	100	3 367
10. Kenneth B. Henderson, Professor.....	100	2 656

11. R. Stewart Jones, Professor.....	100	2 489
12. William E. Kappauf, Professor.....	100	3 045
13. Walter V. Kaulfers, Professor.....	100	2 223
14. Clyde G. Knapp, Professor.....	100	2 223
15. John E. McGill, Professor.....	100	2 223
16. Lawrence E. Metcalf, Professor.....	100	2 234
17. Perry E. Miller, Professor.....	100	3 112
18. Walter J. Moore, Professor.....	100	2 223
19. O. Hobart Mowrer, Research Professor of Psychology.....	50	1 700
(See Psychology)	(50)	(1 700)
(Total Salary)		(3 400)
20. T. Ernest Newland, Professor.....	100	2 223
21. Merie M. Ohlsen, Professor.....	100	2 712
22. Robert E. Pingry, Professor.....	100	2 423
23. J. H. Shores, Professor.....	100	2 545
24. Ray H. Simpson, Professor.....	100	2 578
25. B. Othanel Smith, Professor.....	100	3 300
26. W. O. Stanley, Professor.....	100	2 567
27. Letitia E. Walsh, Professor.....	100	2 356
28. Basil Castaldi, Associate Professor.....	100	2 067
29. Frank Costin, Associate Professor.....	50	1 056
30. Floyd L. Crank, Associate Professor.....	100	1 823
31. Kenneth M. Lansing, Associate Professor.....	100	1 912
32. _____, Associate Professor.....	100	2 200
33. Mary E. Mather, Associate Professor.....	100	1 823
34. Lloyd E. McCleary, Associate Professor.....	100	2 134
35. Foster McMurray, Associate Professor.....	100	1 823
36. Elizabeth R. Melson, Associate Professor.....	50	1 112
(See Business Education).....	(50)	(1 111)
(Total Salary)		(2 223)
37. Donald R. Peterson, Associate Professor.....	50	1 167
(See Psychology)	(50)	(1 167)
(Total Salary)		(2 334)
38. W. L. Shoemaker, Associate Professor.....	100	1 823
39. Robert A. Tinkham, Associate Professor (June 18 to July 14).....	100	923
40. Alfred L. Brophy, Jr., Assistant Professor.....	100	1 600
41. Thomas E. Culliton, Assistant Professor.....	100	1 734
42. William H. Evans, Assistant Professor.....	100	1 734
43. Orrin E. Gould, Assistant Professor.....	100	1 745
44. Inga K. Kelly, Assistant Professor.....	100	1 667
45. John R. Palmer, Assistant Professor.....	100	1 778
46. William D. Phillips, Assistant Professor.....	100	1 734
47. Robert L. Spaulding, Assistant Professor.....	50	889
48. Henry R. Ziel, Assistant Professor.....	100	1 778
49. Harry F. Breen, Jr., Instructor.....	50	723
50. Richard T. Salzer, Instructor.....	100	1 334
51. Elizabeth H. Abbott, Assistant.....	100	956
52. Robert Evans, Assistant.....	50	545
53. William R. Snyder, Assistant.....	100	1 105
54. _____, Assistant.....	50	545
55. _____, Assistant.....	50	545
56. _____, Assistant.....	50	545
57. _____, Assistant.....	50	545
58. _____, Assistant.....	50	600
59. _____, Assistant (June 18 to July 14).....	100	545
60. _____, Assistant (July 16 to August 11).....	100	545
61. _____, Assistant (June 18 to July 14).....	100	545
62. _____, Assistant (June 18 to July 14).....	100	545
63. Hans Hahn, Visiting Lecturer.....	50	600
(106 Crystal Lake Drive, Urbana, Illinois)		
64. Myrl Herman, Visiting Lecturer.....	100	1 667
(College of Education, 805 West Pennsylvania Avenue, Urbana, Illinois)		

65. Erhard G. Kugel, Visiting Lecturer.....	100	1 200
(Prospect High School, 801 West Foundry Road, Mount Prospect, Illinois)		
66. Anne C. Raddatz, Visiting Lecturer.....	100	1 200
(722 Dover Place, Champaign, Illinois)		
67. Curtis Stafford, Visiting Lecturer.....	100	2 000
(San Jose State College, San Jose 14, California)		
68. Donald Van Cleve, Visiting Lecturer.....	100	2 000
(State University College, Albany 3, New York)		
69. Arthur F. Jackson, Visiting Lecturer.....	100	2 000
(1811 South Benbow Road, Greensboro, North Carolina)		
70. Guy A. Renzaglia, Visiting Lecturer.....	100	2 640
(408 West Freeman, Carbondale, Illinois)		
71. Henry R. Kaczowski, Visiting Lecturer.....	100	1 800
(5323 West Nebraska, Milwaukee 19, Wisconsin)		
72. _____, Visiting Lecturer.....	100	2 200
73. _____, Visiting Lecturer.....	50	1 000
74. _____, Visiting Lecturer.....	100	2 000
75. _____, Visiting Lecturer (June 18 to July 14).....	100	1 000
76. _____, Visiting Lecturer.....	100	2 000
77. _____, Visiting Lecturer.....	100	2 000
78. Virgil A. Clift, Visiting Lecturer.....	100	1 800
(4902 Pilgrim Road, Baltimore 14, Maryland)		
79. Myron Lieberman, Visiting Lecturer.....	100	2 000
(2825 Coventry Road, Shaker Heights 20, Ohio)		
80. Marjorie L. Savage, Visiting Lecturer (June 18 to July 14).....	100	1 000
(1729 West Michigan, Kalamazoo, Michigan)		
81. _____, Visiting Lecturer.....	100	2 400
82. _____, Visiting Lecturer.....	100	1 300
83. _____, Visiting Lecturer.....	100	1 300
84. _____, Visiting Lecturer.....	100	1 200
85. _____, Visiting Lecturer (June 18 to July 14).....	100	900
86. _____, Visiting Lecturer.....	100	2 000
87. _____, Visiting Lecturer.....	100	2 200

(\$151 656)

Electrical Engineering

1. George E. Anner, Professor.....	100	\$ 2 800
2. L. B. Archer, Professor.....	100	2 512
3. Max A. Faucett, Professor.....	100	2 189
4. M. S. Helm, Professor.....	100	2 556
5. C. A. Kcener, Professor.....	100	3 023
6. G. R. Peirce, Professor.....	100	2 400
7. C. E. Skroder, Professor.....	100	2 223
8. Jerome Earl Williams, Professor.....	100	2 467
9. R. W. Burtness, Associate Professor.....	100	2 578
10. Milton H. Crothers, Associate Professor.....	100	2 223
11. Paul R. Egbert, Associate Professor.....	100	2 023
12. Daniel F. Hang, Associate Professor.....	50	1 089
13. Benjamin Kuo, Associate Professor.....	100	2 045
14. Millard S. McVay, Associate Professor.....	50	1 234
15. _____, Associate Professor.....	100	2 445
16. _____, Associate Professor.....	50	1 000
17. Philip A. Bauman, Assistant Professor.....	50	800
18. William R. Perkins, Assistant Professor.....	50	934
19. _____, Assistant Professor.....	100	1 800
20. _____, Assistant Professor.....	100	1 800

(\$42 463)

English

1. Marcus S. Goldman, Professor.....	100	\$ 2 178
2. Bruce Harkness, Professor.....	100	2 289
3. Julius N. Hook, Professor.....	50	1 400
4. C. W. Roberts, Professor.....	50	1 412
5. Roland M. Smith, Professor.....	50	1 356

6. Daniel Curley, Associate Professor.....	50	900
7. Robert L. Haig, Associate Professor.....	100	1 889
8. Glenn P. Haskell, Associate Professor.....	50	912
9. Robert B. Lees, Associate Professor.....	100	2 334
10. Francis W. Weeks, Associate Professor of Business English	50	1 067
11. August L. Altenbernd, Assistant Professor.....	100	1 800
12. William M. Curtin, Assistant Professor.....	50	723
13. N. P. Davis, Assistant Professor.....	50	700
14. Rocco L. Fumento, Assistant Professor.....	50	723
15. Stanton Millet, Assistant Professor.....	50	734
16. Frank Moake, Assistant Professor.....	100	1 889
17. Harry F. Robins, Assistant Professor.....	50	867
18. William H. Rueckert, Assistant Professor.....	50	745
19. Robert L. Schneider, Assistant Professor.....	50	778
20. Gardiner B. Stillwell, Assistant Professor.....	50	823
21. _____, Assistant Professor of Business English.....	50	923
22. _____, Assistant Professor of Business English.....	50	789
23. _____, Assistant Professor.....	100	1 600
24. Edward J. Brandabur, Instructor.....	50	667
25. _____, Instructor.....	50	667
26. John A. Hamilton, Instructor.....	50	667
27. Albert C. Tillman, Instructor.....	100	1 356
28. Richard H. Wasson, Instructor.....	50	667
29. James H. Wheatley, Instructor.....	50	689
30. _____, Instructor in Business English.....	50	645
31. _____, Instructor.....	100	1 312
32. _____, Instructor.....	100	1 334
33. _____, Instructor.....	50	556
34. _____, Assistant.....	50	489
35. _____, Assistant.....	50	489
36. _____, Assistant.....	50	489
37. _____, Assistant.....	50	489
38. _____, Assistant.....	50	489
39. _____, Assistant.....	50	489
40. _____, Assistant.....	50	489
41. _____, Assistant.....	50	489
42. Richard Fogle, Visiting Lecturer.....	100	3 000
(Tulane University, New Orleans, Louisiana)		
43. Pierre Michel, Visiting Lecturer.....	50	600
(Department of English, 219 English Building, Urbana, Illinois)		
44. Charles Patterson, Visiting Lecturer.....	100	2 100
(University of Arkansas, Fayetteville, Arkansas)		
45. Dwight L. Burton, Visiting Lecturer (July 2 to July 7).....	100	600
(University of Florida, Tallahassee, Florida)		
46. Charlotte C. Whittaker, Visiting Lecturer (June 25 to June 30).....	100	400
(Evanston Township High School, Evanston, Illinois)		
		(\$48 003)
Entomology		
1. Gilbert P. Waldbauer, Assistant Professor.....	100	\$ 1 423
		(\$ 1 423)
Finance		
1. R. M. Nolen, Professor.....	100	\$ 2 534
2. Richards C. Osborn, Professor.....	100	2 489
3. _____, Assistant Professor.....	100	1 756
4. F. G. Stubbs, Jr., Assistant.....	25	223
5. Paul J. Swanson, Jr., Assistant.....	50	445
		(\$ 7 447)
French		
1. C. A. Knudson, Professor.....	50	\$ 1 812
2. C. C. Gullette, Professor.....	100	2 256
3. C. K. Abraham, Assistant Professor.....	100	1 456

4. Edwin Jahiel, Assistant Professor.....	100	1 556
5. F. W. Nachtmann, Assistant Professor.....	100	1 712
6. Claude P. Viens, Associate Professor.....	33 $\frac{1}{2}$	771
7. Pierre Spriet, Assistant Professor (June 18 to July 14).....	100	834
8. _____, Assistant Professor.....	50	817
9. _____, Assistant.....	50	445
10. _____, Assistant.....	50	445
11. _____, Assistant.....	50	445
12. _____, Assistant.....	50	445
13. _____, Assistant.....	50	445
14. _____, Assistant.....	50	445
15. _____, Assistant.....	50	445
16. _____, Assistant.....	50	445
17. _____, Assistant.....	50	445
18. _____, Assistant.....	50	445
19. _____, Assistant.....	50	445
		(\$16 109)
General Engineering		
1. _____, Instructor.....	100	\$ 1 445
2. R. W. Bokenkamp, Instructor.....	50	875
3. R. A. Jewett, Associate Professor.....	50	912
4. D. R. Reyes-Guerra, Instructor.....	100	1 556
		(\$ 4 788)
Division of General Studies		
1. _____, Assistant Professor.....	100	\$ 1 445
2. Reinhart A. Brust, Assistant.....	50	445
3. Glen E. Gaides, Assistant.....	100	945
		(\$ 2 835)
Geography		
1. Alfred W. Booth, Professor.....	50	\$ 1 417
2. Fred W. Foster, Professor.....	50	1 412
3. John L. Page, Professor.....	50	1 223
4. Jerome D. Fellmann, Associate Professor.....	100	2 067
5. Howard G. Roepke, Associate Professor.....	100	2 056
6. _____, Assistant.....	50	445
7. _____, Assistant.....	50	445
8. _____, Assistant.....	25	223
9. _____, Assistant.....	25	223
		(\$ 9 511)
Geology		
1. G. W. White, Professor.....	100	\$ 4 023
2. Don U. Deere, Professor.....	100	2 756
3. Frederick W. Cropp, Assistant Professor.....	100	1 689
4. F. M. Wahl, Assistant Professor.....	100	1 578
5. _____, Assistant.....	100	889
6. _____, Assistant.....	100	889
7. F. L. Koucky, Visiting Lecturer.....	100	1 800
(Department of Geology, University of Cincinnati, Cincinnati, Ohio)		
8. Walter P. Kessinger, Jr., Visiting Lecturer.....	100	1 500
(Southwestern Louisiana Institute, Lafayette, Louisiana)		
		(\$15 124)
German		
1. Ernst A. Philippson, Professor.....	100	\$ 3 000
2. John R. Frey, Professor.....	100	2 900
3. _____, Assistant Professor.....	100	1 378
4. David Silas, Instructor.....	50	650
5. Sidney Rosenfeld, Assistant.....	50	445
6. Thomas Starnes, Assistant.....	50	445
7. Mary Venclova, Assistant.....	50	445
8. _____, Assistant.....	50	445
9. _____, Assistant.....	50	445

10. _____, Assistant	50	445
11. _____, Assistant	50	445
12. _____, Assistant	50	445
13. _____, Assistant	50	445
		(\$11 933)

Health and Safety Education

1. A. E. Florio, Professor.....	50	\$ 1 456
2. Warren J. Huffman, Assistant Professor.....	100	2 178
		(\$ 3 634)

History

1. Norman A. Graebner, Professor.....	100	\$ 3 334
2. C. Ernest Dawn, Professor.....	100	2 423
3. D. J. Geanakoplos, Professor.....	100	2 445
4. _____, Associate Professor.....	100	2 000
5. Clark C. Spence, Associate Professor.....	100	2 223
6. Robert B. Crawford, Assistant Professor.....	100	1 556
7. Louise B. Dunbar, Assistant Professor.....	100	1 845
8. Mary Lucille Shay, Assistant Professor.....	100	1 845
9. Robert M. McColley, Instructor.....	100	1 445
10. Edmund J. Danziger, Assistant.....	50	445
11. Arnold Zuckerman, Assistant.....	50	445
12. _____, Assistant	50	445
13. _____, Assistant	50	445
14. Dwight L. Ling, Visiting Lecturer.....	100	1 900
(DePauw University, Greencastle, Indiana)		(\$22 796)

Home Economics

1. Virginia Guthrie, Assistant Professor (July 16 to August 11)	100	\$ 812
2. Beulah A. Hunzicker, Assistant Professor (June 18 to July 14)	100	900
3. Glenna H. Lamkin, Assistant Professor (June 18 to July 14)	100	789
4. Millicent V. Martin, Assistant Professor.....	100	1 445
5. Willie M. Mowrer, Assistant Professor.....	50	878
6. Robert B. Smith, Assistant Professor.....	25	384
(See Child Development).....	(25)	(384)
(See Music)	(50)	(767)
(Total Salary)		(1 535)
7. Mary Sue Herndon, Instructor (June 18 to July 14).....	100	700
8. Wanda J. Knight, Instructor.....	50	556
9. Helen M. House, Assistant (June 18 to July 14).....	100	567
10. _____, Assistant	50	456
11. _____, Assistant	50	456
		(\$ 7 943)

Journalism

1. Jay W. Jensen, Associate Professor.....	50	\$ 1 445
2. _____, Assistant Professor	50	934
		(\$ 2 379)

Law

1. Edward W. Cleary, Professor.....	100	\$ 4 512
2. John E. Cribbet, Professor.....	100	4 223
3. William D. Hawkland, Professor.....	100	3 445
4. Victor J. Stone, Professor.....	100	2 800
5. J. Nelson Young, Professor.....	100	4 223
6. Wayne R. LaFave, Assistant Professor.....	100	2 334
7. Dennis M. O'Connor, Assistant Professor.....	100	2 667
8. _____, Visiting Lecturer.....	100	3 000
		(\$27 204)

Graduate School of Library Science

1. Harold Goldstein, Professor.....	100	\$ 2 267
2. Winifred Ladley, Associate Professor.....	100	1 956
3. Cora E. Thomassen, Assistant Professor.....	100	1 556
4. J. Clement Harrison, Instructor.....	100	1 778
5. Benjamin F. Page, Assistant.....	100	1 400

6. _____, Assistant	100	889
7. _____, Assistant	100	889
8. _____, Assistant	100	889
9. Theodora Andrews, Visiting Lecturer (Purdue University Libraries, Lafayette, Indiana)	100	1 800
10. Ruth M. Erlandson, Visiting Lecturer (Ohio State University Library, Columbus, Ohio)	100	2 000
11. Emily Varden Smith, Visiting Lecturer (University of Kentucky Library, Lexington, Kentucky)	100	1 800
12. _____, Visiting Lecturer	100	1 800
		(\$19 024)

Management

1. Paul M. Dauten, Jr., Professor	100	\$ 2 267
2. Irvin L. Heckmann, Associate Professor	100	2 156
3. R. J. Ziegler, Associate Professor	100	2 312
4. L. L. D. Shaffer, Instructor	100	1 445
5. R. E. Coffey, Assistant	50	445
6. L. E. Barnes, Jr., Assistant	50	497
		(\$ 9 122)

Marketing

1. Frank H. Beach, Professor	100	\$ 3 000
2. Robert V. Mitchell, Professor	100	2 534
3. Lloyd M. DeBoer, Associate Professor	100	1 978
		(\$ 7 512)

Mathematics

1. C. W. Mendel, Professor	100	\$ 2 667
2. R. G. Langebartel, Associate Professor	100	2 178
3. J. William Peters, Associate Professor	100	2 234
4. Edward J. Scott, Associate Professor	100	2 178
5. Harlan G. H. Bartram, Assistant Professor	100	1 856
6. Richard L. Bishop, Assistant Professor	50	823
7. Clarence Phillips, Assistant Professor	50	756
8. Jewell E. Schubert, Assistant Professor	100	1 778
9. Betty Detwiler, Instructor	100	1 445
10. D. J. Eustice, Instructor	100	1 667
11. J. G. Harvey, Instructor	100	1 556
12. Yuji Ito, Instructor	100	1 445
13. Leone Low, Instructor	50	667
14. A. L. Peressini, Instructor	100	1 556
15. David Sachs, Instructor	50	823
16. Patricia Tucker, Instructor	100	1 445
17. Elliot C. Weinberg, Instructor	100	1 623
18. _____, Assistant	100	889
19. _____, Assistant	100	889
20. _____, Assistant	100	889
21. _____, Assistant	100	889
22. _____, Assistant	100	889
23. _____, Assistant	100	889
24. _____, Assistant	50	445
25. _____, Assistant	50	445
26. _____, Assistant	100	889
27. _____, Assistant	100	889
28. _____, Assistant	100	889
29. _____, Assistant	100	889
		(\$36 477)

Mechanical and Industrial Engineering

1. Eugene F. Hebrank, Professor	100	\$ 2 445
2. William L. Hull, Professor	100	2 667
3. Edwin D. Luke, Professor	100	2 489
4. _____, Professor	100	2 556
5. James W. Bayne, Associate Professor	100	1 956
6. Wen Lung Chow, Associate Professor	50	1 078
7. David H. Offner, Associate Professor	100	1 845

8. Ross P. Strout, Associate Professor.....	100	1 867
9. S. Ramalingam, Instructor.....	50	723
10. Morse B. Singer, Instructor.....	50	800
11. Parker H. Badger, Lecturer.....	100	1 778
12. B. F. von Turkovich, Lecturer.....	50	1 000
13. A. C. Crook, Assistant.....	50	445
14. W. H. Gilbert, Jr., Assistant.....	50	467
15. R. W. Goluba, Assistant.....	50	445
16. D. M. Wallace, Assistant.....	50	467
17. W. L. Winterbauer, Assistant.....	50	467
18. Louis Wozniak, Assistant.....	50	445
19. W. G. Yeich, Assistant.....	50	467
		(\$24 407)

Microbiology

1. _____, Assistant.....	50	\$ 445
2. _____, Assistant.....	50	445
3. _____, Assistant.....	50	445

(\$ 1 335)

Music

1. Bjornar Bergethon, Professor.....	100	\$ 2 645
2. Dorothy E. Bowen, Professor.....	100	2 334
3. Harold A. Decker, Professor.....	75	2 034
4. Scott Goldthwaite, Professor.....	100	2 623
5. Mark H. Hindsley, Professor.....	33 $\frac{1}{3}$	965
6. R. H. Miles, Professor.....	100	2 800
7. Dragan Plamenac, Professor.....	100	2 778
8. Paul Rolland, Professor.....	50	1 312
9. Haskell O. Sexton, Professor.....	75	1 701
10. Robert H. Swenson, Professor.....	33 $\frac{1}{3}$	734
11. Gilbert R. Waller, Professor.....	50	1 139
12. Andrew Morris Carter, Associate Professor.....	25	500
13. J. Robert Kelly, Associate Professor.....	33 $\frac{1}{3}$	697
14. Colleen J. Kirk, Associate Professor.....	100	1 912
15. Everett D. Kisinger, Associate Professor.....	50	1 123
16. Alexander L. Ringer, Associate Professor.....	100	2 445
17. James Louis Bailey, Assistant Professor.....	100	1 734
18. Willis R. Coggins, Assistant Professor.....	100	1 667
19. Blaine E. Edlefsen, Assistant Professor.....	66 $\frac{2}{3}$	993
20. Robert E. Gray, Assistant Professor.....	75	1 334
21. Ben B. Johnston, Assistant Professor.....	100	1 645
22. Edward J. Krolick, Assistant Professor.....	33 $\frac{1}{3}$	519
23. Dean W. Sanders, Assistant Professor.....	100	1 623
24. Robert B. Smith, Assistant Professor.....	50	767
(See Child Development).....	(25)	(384)
(See Home Economics).....	(25)	(384)
(Total Salary).....		(1 535)
25. Eric L. Dalheim, Instructor.....	100	1 089
26. James B. Lyke, Instructor.....	50	723
27. Malcolm Bilson, Assistant.....	100	889
28. Jay C. Decker, Assistant.....	33 $\frac{1}{3}$	296
(2652 East Linwood Street, Springfield, Missouri)		
29. Robert C. Van Nuys, Assistant.....	50	445
30. _____, Assistant.....	100	889
31. _____, Assistant.....	100	889
32. _____, Assistant.....	66 $\frac{2}{3}$	593
33. _____, Assistant.....	50	445
34. Webster Aitken, Visiting Lecturer.....	100	2 500
(128 Christopher Street, New York 22, New York)		
35. Pierre Bernac, Visiting Lecturer.....	100	3 800
(18 Avenue de la Motte-Picquet, Paris VII*, France)		
36. Robert George Petzold, Visiting Lecturer.....	100	2 300
(11 Kewaunee Court, Madison 5, Wisconsin)		
37. _____,.....	50	900
38. _____,.....	50	1 200
		(\$54 982)

Nuclear Engineering

1. Felix T. Adler, Professor.....	100	\$ 3 467
2. Marvin E. Wyman, Professor.....	100	3 267
		(\$ 6 734)

Philosophy

1. Henry S. Harris, Associate Professor.....	100	\$ 1 823
2. Leonard Linsky, Associate Professor.....	100	1 956
3. Harry M. Tiebout, Jr., Associate Professor.....	100	1 956
4. Charles E. Caton, Assistant Professor.....	100	1 445
5. William L. Rowe, Instructor.....	100	1 245
		(\$ 8 425)

Physical Education for Men

1. C. O. Jackson, Professor.....	100	\$ 3 134
2. T. K. Cureton, Jr., Professor.....	100	3 500
3. Alfred W. Hubbard, Professor.....	100	2 300
4. Alan J. Barry, Assistant Professor.....	100	1 834
5. Howard J. Braun, Assistant Professor.....	25	434
6. Ralph E. Fletcher, Assistant Professor.....	33 $\frac{1}{3}$	667
7. Richard A. Berger, Instructor.....	20	267
8. William L. Hottinger, Instructor.....	20	272
9. Linwood G. Bechtel, Assistant.....	20	232
10. Roy J. Keller, Instructor.....	40	489
11. Robert D. Leigh, Assistant.....	20	243
12. Coleman McPhail, Assistant.....	25	414
(Also Athletic Association).....	(75)
		(\$13 786)

Physical Education for Women

1. Beulah J. Drom, Assistant Professor.....	75	\$ 1 225
2. Marjorie M. Harris, Instructor.....	100	1 378
3. Marjorie A. Souder, Instructor.....	50	667
4. Phyllis Hill, Assistant.....	25	312
		(\$ 3 582)

Physics

1. _____, Visiting Professor.....	100	\$ 2 000
2. _____, Visiting Lecturer.....	100	2 000
3. _____, Visiting Lecturer.....	100	2 000
4. _____, Visiting Lecturer.....	100	2 000
5. _____, Assistant.....	50	467
6. _____, Assistant.....	50	467
7. _____, Assistant.....	50	467
		(\$ 9 401)

Physiology

1. John D. Anderson, Associate Professor.....	100	\$ 2 234
2. Stanley G. Stolpe, Associate Professor.....	100	1 845
3. _____, Assistant.....	50	445
4. _____, Assistant.....	50	445
5. _____, Assistant.....	50	445
		(\$ 5 414)

Political Science

1. Robert J. Pranger, Assistant Professor.....	100	\$ 1 556
2. John Houston, Visiting Lecturer.....	100	2 666
(Knox College, Galesburg, Illinois)		
3. Richard Rose, Visiting Lecturer.....	100	1 800
(Department of Government, University of Manchester, Manchester 13, England)		
		(\$ 6 022)

Psychology

1. Lloyd G. Humphreys, Professor.....	50	\$ 1 889
2. O. Hobart Mowrer, Research Professor.....	50	1 700
(See Education).....	(50)	(1 700)
(Total Salary).....		(3 400)

3. Jozef B. Cohen, Associate Professor.....	100	1 867
4. Robert E. Jones, Lecturer with rank of Associate Professor.....	50	1 000
5. W. G. McAllister, Associate Professor.....	100	1 845
6. Donald R. Peterson, Associate Professor.....	50	1 167
(See Education)	(50)	(1 167)
(Total Salary)		(2 334)
7. M. E. Fishbein, Assistant Professor.....	100	1 556
8. _____, Assistant	50	445
		(\$11 469)
Recreation		
1. Charles K. Brightbill, Professor.....	100	\$ 3 622
2. Allen V. Sabora, Professor.....	100	2 478
3. Howard E. Weaver, Associate Professor.....	60	1 167
		(\$ 7 267)
Russian		
1. Frances F. Sobotka, Associate Professor.....	100	\$ 2 445
2. Kurt Klein, Assistant Professor.....	50	878
3. _____, Assistant Professor.....	100	1 556
4. Borys Bilokur, Assistant.....	50	445
5. _____, Assistant	50	445
6. _____, Assistant	50	445
		(\$ 6 214)
Jane Addams Graduate School of Social Work		
1. James E. McDonald, Associate Professor.....	50	\$ 1 089
2. Lela B. Costin, Assistant Professor.....	50	778
		(\$ 1 867)
Sociology		
1. Bennett M. Berger, Assistant Professor.....	100	\$ 1 800
2. John P. Clark, Assistant Professor.....	100	1 623
3. Bernard M. Lazerwitz, Assistant Professor.....	100	1 912
		(\$ 5 335)
Spanish and Italian		
1. W. H. Shoemaker, Professor.....	100	\$ 3 445
2. _____, Associate Professor.....	100	2 112
3. Joseph S. Flores, Associate Professor.....	50	1 100
4. _____, Associate Professor.....	100	2 045
5. Angelina Pietrangeli, Associate Professor.....	100	2 200
6. Mitchell D. Triwedi, Assistant Professor.....	100	1 445
7. David Hernandez, Assistant.....	50	445
		(\$12 792)
Speech and Theatre		
1. E. Thayer Curry, Professor.....	50	\$ 1 145
2. Halbert E. Gulley, Professor.....	50	1 134
3. Barnard W. Hewitt, Professor.....	50	1 412
4. Raymond E. Nadeau, Professor.....	50	1 123
5. Severina E. Nelson, Professor.....	100	2 445
6. King W. Broadrick, Associate Professor.....	50	978
7. Kenneth Burns, Associate Professor.....	50	912
8. Otto A. Dieter, Associate Professor.....	50	917
9. Delmond N. Bennett, Assistant Professor.....	50	723
10. Vincent W. Byers, Assistant Professor.....	50	778
11. Lawrence W. Olson, Assistant Professor.....	50	845
12. Thomas O. Sloan, Assistant Professor.....	50	778
13. Robert N. Hall, Instructor.....	50	667
14. D. E. Woolley, Assistant.....	75	667
15. Joel Trapido, Visiting Lecturer.....	50	1 223
(See University Theatre).....	(50)	(1 223)
(Total Salary)		(2 446)
(204a Lincoln Hall, Urbana, Illinois)		
16. _____, Visiting Lecturer.....	50	1 000
		(\$16 747)

Speech and Hearing Clinics

1. Naomi W. Hunter, Assistant Professor.....	100	\$ 1 423
2. Frances L. Johnson, Assistant Professor.....	100	1 445
3. Marie O. Shere, Assistant Professor.....	100	1 556
4. E. W. Loftiss, Assistant.....	100	889
		(\$ 5 313)

University Theatre

1. Mary H. Arbenz, Assistant Professor.....	50	\$ 778
2. Genevieve Richardson, Assistant Professor.....	75	1 184
3. Joel Trapido, Visiting Lecturer.....	50	1 223
(See Speech and Theatre).....	(50)	(1 223)
(Total Salary).....		(2 446)
4. Alan Billings, Visiting Lecturer.....	75	1 159
(56 West Delaware Avenue, Newark, Delaware)		
5. _____, Visiting Lecturer.....	50	1 000
6. _____, Assistant.....	25	223
7. _____, Assistant.....	25	223
8. _____, Assistant.....	25	223
9. _____, Assistant.....	25	223
10. _____, Assistant.....	25	223
11. _____, Assistant.....	25	223
12. _____, Assistant.....	25	223
13. _____, Assistant.....	25	223
14. _____, Assistant.....	25	223
		(\$ 7 351)

Theoretical and Applied Mechanics

1. Marlyn E. Clark, Professor.....	50	\$ 1 112
2. Paul Guy Jones, Professor.....	66 $\frac{2}{3}$	1 867
3. Clyde E. Kesler, Professor.....	25	623
4. Wallace M. Lansford, Professor.....	100	2 934
5. Omar M. Sidebottom, Professor.....	66 $\frac{2}{3}$	1 704
6. James O. Smith, Professor.....	75	2 300
7. Marvin C. Stippes, Professor.....	50	1 200
8. Charles E. Taylor, Professor.....	25	650
9. Albert C. Bianchini, Associate Professor.....	66 $\frac{2}{3}$	1 215
10. R. E. Miller, Associate Professor.....	50	945
11. Russell S. Jensen, Assistant Professor.....	100	1 734
12. John W. Murdock, Assistant Professor.....	50	823
		(\$17 107)

Zoology

1. Hurst H. Shoemaker, Associate Professor.....	100	\$ 1 823
2. George W. Barlow, Assistant Professor.....	100	1 556
3. Wesley J. Birge, Assistant Professor.....	100	1 700
4. Thomas W. Betz, Assistant.....	50	445
5. Stanley L. Etter, Assistant.....	50	445
6. Edward O. Moll, Assistant.....	50	445
7. Dwain W. Parrack, Assistant.....	50	445
8. Donald K. Underhill, Assistant.....	50	445
9. Kenneth L. Williams, Assistant.....	50	445
		(\$ 7 749)
<i>Total, Urbana-Champaign</i>		\$838 133

Departmental Wages, Expense, and Equipment

Anthropology		
Expense.....		\$ 1 250
Child Development		
Expense.....		200
Civil Engineering Surveying Camp		
Wages, Expense, and Equipment.....		7 610
Education		
Wages and Expense.....		2 960
Honoraria.....		1 800

Forestry Camp	
Wages	840
Expense	2 660
Geography	
Expense	300
Recreation	
Expense	2 200
<i>Total, Wages, Expense, and Equipment.</i>	<u>\$19 820</u>

MEDICAL CENTER

College of Pharmacy

Chemistry

	<i>Per Cent Time</i>	<i>Summer Salary</i>
1. _____, Associate Professor (July 30 to September 8)	100	\$ 1 550
2. Dominick Coviello, Assistant Professor (June 18 to July 28)	100	1 333
3. Bernard J. Kurtin, Instructor in Physics (June 18 to July 28)	100	1 100
4. McLouis Robinet, Instructor in Physics (July 30 to September 8)	100	883
5. R. E. Hewitson, Assistant (July 30 to September 8)	50	334
6. David Katague, Assistant (June 18 to July 28)	50	334
7. Denes Pogany, Assistant (June 18 to July 28)	50	334
8. O. L. Salerni, Assistant (July 30 to September 8)	50	334
9. J. P. Shoffner, Assistant (June 18 to July 28)	50	334
10. Hiroshi Takeda, Assistant (July 30 to September 8)	50	334
		(\$ 6 870)

Pharmacy

1. Herbert M. Emig, Associate Professor (June 18 to July 14)	100	\$ 1 089
2. Bernard Ecanow, Assistant Professor (August 13 to September 8)	100	967
3. Frederick Siegel, Assistant Professor (June 18 to August 11)	100	1 956
4. Song-ling Lin, Assistant (June 18 to September 8)	50	667
		(\$ 4 679)
<i>Total, College of Pharmacy.</i>		<u>\$11 549</u>

CHICAGO UNDERGRADUATE DIVISION

Biological Sciences

	<i>Per Cent Time</i>	<i>Summer Salary</i>
1. _____, Professor	50	\$ 1 134
2. William Sangster, Professor	50	1 200
3. Sidney F. Glassman, Associate Professor	50	1 012
4. Ellis B. Little, Associate Professor	50	912
5. Max C. Shank, Associate Professor	75	1 600
6. John T. Newell, Assistant Professor	50	778
7. Halina J. Presley, Assistant Professor	50	806
8. James A. Bond, Instructor	50	723
9. John L. Sarkissian, Instructor	50	578
10. Paul J. Taxey, Instructor	50	534
		(\$ 9 277)

Commerce and Business Administration

1. Clarence H. Gillett, Professor of Economics	100	\$ 2 423
2. W. D. Grampp, Professor of Economics	100	2 267
3. Sarah M. Kabbes, Associate Professor of Accountancy	100	2 067
4. Albert J. Schneider, Associate Professor of Accountancy	100	2 156
5. Winifred B. Geldard, Assistant Professor of Accountancy	100	1 445
6. Lawrence Lipkin, Assistant Professor of Accountancy	100	1 445
7. Alfonso T. Malinosky, Assistant Professor of Accountancy	50	845
8. Carl M. Larson, Instructor in Economics	100	1 667
9. Harold E. Rife, Instructor in Economics	100	1 378
		(\$15 693)

Engineering

1. _____, Associate Professor of Physics.....	100	\$ 1 867
2. Louis Chandler, Associate Professor of Physics.....	100	1 956
3. Herman J. Johnson, Associate Professor of Physics.....	100	1 856
4. Harold M. Skadeland, Associate Professor of Physics.....	100	2 112
5. H. B. Weissman, Associate Professor of Physics.....	100	1 912
6. _____, Associate Professor of Civil Engineering.....	100	1 934
7. Fred W. Schroeder, Assistant Professor of General Engineering	100	1 712
8. A. F. Silkett, Assistant Professor of Physics.....	100	1 734
9. _____, Electrical Engineering.....	100	1 700
		(\$16 783)

Humanities

1. Wayne N. Thompson, Professor of Speech.....	100	\$ 2 489
2. Arnold J. Hartoch, Associate Professor of Foreign Languages.....	66 $\frac{2}{3}$	1 306
3. Falk S. Johnson, Associate Professor of English.....	100	2 023
4. Robert Kauf, Associate Professor of Foreign Languages....	66 $\frac{2}{3}$	1 260
5. Bernard R. Kogan, Associate Professor of English.....	100	1 889
6. Marie E. Lein, Associate Professor of Foreign Languages..	66 $\frac{2}{3}$	1 260
7. John O. Marsh, Jr., Associate Professor of Foreign Languages.....	66 $\frac{2}{3}$	1 215
8. Constance Nicholas, Associate Professor of English.....	100	1 889
9. Ernest S. Willner, Associate Professor of Foreign Languages	66 $\frac{2}{3}$	1 304
10. Robert E. Gallagher, Assistant Professor of English.....	100	1 556
11. Sonia Miller, Assistant Professor of English.....	100	1 612
12. Johanna Braunfeld, Instructor in Foreign Languages.....	66 $\frac{2}{3}$	1 038
13. Theodore Kundrat, Instructor in Speech.....	100	1 423
14. Richard H. Lerner, Instructor in English.....	100	1 112
15. John H. Mackin, Jr., Instructor in English.....	100	1 556
16. Irving S. Olsen, Instructor in Foreign Languages.....	66 $\frac{2}{3}$	860
17. James R. Peck, Instructor in English.....	100	1 289
18. _____, Instructor in English.....	100	1 467
19. Clara S. Skogen, Instructor in Foreign Languages.....	66 $\frac{2}{3}$	1 038
20. Robert E. Terrill, Instructor in English.....	100	1 067
		(\$28 653)

Mathematics

1. Irwin K. Feinstein, Associate Professor.....	100	\$ 1 956
2. Miles C. Hartley, Associate Professor.....	83 $\frac{1}{3}$	1 815
3. Louis L. Pennisi, Associate Professor.....	83 $\frac{1}{3}$	1 630
4. Furio Alberti, Assistant Professor.....	100	1 645
5. Sim Lasher, Instructor.....	83 $\frac{1}{3}$	1 158
6. Grace M. Nolan, Instructor.....	83 $\frac{1}{3}$	1 223
7. Charles E. Olsen, Instructor.....	83 $\frac{1}{3}$	1 223
8. N. C. Scholomiti, Instructor.....	83 $\frac{1}{3}$	1 250
9. Helen W. Sears, Instructor.....	83 $\frac{1}{3}$	1 158
10. Laurence R. Sjoblom, Instructor.....	83 $\frac{1}{3}$	1 093
11. Rosemary F. Wiley, Instructor.....	100	1 378
		(\$15 529)

Physical Education

1. Helen M. Barton, Professor of Physical Education for Women.....	100	\$ 2 223
2. Peter R. Berrafato, Assistant Professor of Physical Education for Men.....	50	900
3. Sheldon L. Fordham, Assistant Professor of Physical Education for Men.....	100	2 000
4. Michael G. Maksud, Instructor in Physical Education for Men.....	50	623
5. Harold H. Nemoto, Instructor in Physical Education for Men.....	50	634
6. George J. Strnad, Instructor in Physical Education for Men	50	712
7. Robert L. Nolan, Assistant in Physical Education for Men..	50	523
		(\$ 7 615)

Physical Sciences

1. F. B. Crum, Professor.....	100	\$ 2 400
2. Roy Huitema, Professor.....	100	2 489
3. R. W. Karpinski, Professor.....	100	2 312
4. Joseph Bachrach, Associate Professor.....	50	978
5. Charles K. Hunt, Associate Professor.....	100	2 089
6. Lynn Carbonaro, Instructor.....	100	1 467
7. John W. Cowin, Instructor.....	100	1 556
8. Elaine Z. Herzog, Instructor.....	50	667
9. Joan M. Jones, Instructor.....	100	1 423
10. Robert L. Miller, Instructor.....	75	1 134
11. Frances K. Seabright, Instructor.....	100	1 467
12. Thomas A. Lothian, Assistant.....	100	1 112
		(\$19 094)

Social Sciences

1. Hollis W. Barber, Professor of Political Science.....	100	\$ 2 667
2. Alden D. Cutshall, Professor of Geography.....	66 $\frac{2}{3}$	1 660
3. Peter P. Klassen, Professor of Sociology.....	100	2 445
4. D. J. Morris, Professor of Philosophy.....	100	2 223
5. _____, Professor of Education.....	100	2 223
6. Shirley A. Bill, Associate Professor of History.....	83 $\frac{1}{3}$	1 575
7. Robert E. Corley, Associate Professor of Sociology.....	50	912
8. Milton L. Rakove, Assistant Professor of Political Science..	100	1 667
9. Walter B. Asch, Instructor in History.....	66 $\frac{2}{3}$	889
10. Robert R. Page, Instructor in Philosophy.....	100	1 378
11. George H. Smith, Jr., Instructor in Sociology.....	66 $\frac{2}{3}$	830
12. Charles P. Warren, Instructor in Sociology.....	66 $\frac{2}{3}$	919
13. _____, Visiting Lecturer in Psychology.....	100	1 450
14. _____, Visiting Lecturer.....	100	1 200
15. _____, Visiting Lecturer.....	66 $\frac{2}{3}$	1 150
16. _____, Visiting Lecturer.....	66 $\frac{2}{3}$	800
17. _____, Visiting Lecturer.....	66 $\frac{2}{3}$	800
18. _____, Visiting Lecturer.....	66 $\frac{2}{3}$	800
19. _____, Visiting Lecturer.....	50	750
20. _____, Visiting Lecturer.....	50	500
		(\$26 838)
<i>Total, Chicago Undergraduate Division.....</i>		(\$139 482)

APPOINTMENTS TO THE FACULTY

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

1. H. WILLIAM ELGHAMMER, Lecturer in Pediatrics, with rank of Professor, College of Medicine, beginning November 1, 1961, without salary (DY).
2. JAMES F. EVANS, Assistant Extension Editor with rank of Assistant Professor, in the College of Agriculture, beginning January 1, 1962, at an annual salary of \$10,000 (BY).
3. EDITH HUFFMAN, Assistant Professor of Home Economics Extension, beginning February 15, 1962, at an annual salary of \$8,300 (BY).
4. HEIKKI G. IGNATIUS, Visiting Associate Professor of Geology, for the academic year, 1962-1963, at a salary of \$9,000 (E).
5. THURSTON E. LARSON, Professor of Sanitary Engineering, in the Department of Civil Engineering, beginning January 1, 1962, without salary (D).
6. ELBERT E. OLIVER, Assistant Dean, Office of Admissions and Records, beginning July 1, 1962, at an annual salary of \$14,000 (DY).
7. CHIH-TANG SAH, Associate Professor of Electrical Engineering, beginning January 15, 1962, at an annual salary of \$11,500 (A).
8. JOSEPH SAMACHSON, Assistant Professor of Biological Chemistry, in the College of Medicine, beginning January 1, 1962, without salary (DY).
9. HOWARD E. TRIER, Assistant Professor of Psychology in Extension, in the Division of University Extension, beginning January 15, 1962, at an annual salary of \$10,000 (DY).

10. ARTHUR R. TWARDOCK, Assistant Professor of Veterinary Physiology and Pharmacology, beginning June 1, 1962, at an annual salary of \$10,000 (BY).
11. LOUIS D. VOLPP, Associate Professor and Associate Director of the Graduate School of Business Administration, beginning December 1, 1961, at an annual salary of \$9,300 (A, B).
12. FRANKLIN D. YODER, Professor of Public Health and Senior Member in the Center for Zoonoses Research, College of Veterinary Medicine, beginning January 1, 1962, on one-fourth time, at an annual salary of \$5,000 (FY25).

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

**APPOINTMENT OF ASSISTANT TO THE VICE-PRESIDENT
OF THE CHICAGO UNDERGRADUATE DIVISION**

(4) The Vice-President for the Chicago Undergraduate Division recommends the appointment of Ora L. Railsback, presently Professor and Head of the Division of Physics at the Chicago Undergraduate Division, as Professor and Head of the Division of Physics on one-third time, and Assistant to the Vice-President on two-thirds time, beginning March 1, 1962, at an annual salary of \$13,000 (A33, D67).

I concur.

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

**APPOINTMENT OF DIRECTOR OF THE
EXECUTIVE DEVELOPMENT CENTER**

(5) The Dean of the College of Commerce and Business Administration has recommended, and I have approved, the appointment of Professor Robert O. Harvey of the Department of Finance as Director of the Executive Development Center, effective December 1, 1961, and continuing through August 31, 1962, at his present salary of \$12,300 per year, plus a two months' summer appointment at the same rate to provide for the standard adjustment of salary from nine months to full year service.

This appointment is to fill the vacancy created by the resignation of Professor R. G. Seymour.

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

**APPOINTMENT OF DIRECTOR OF UNION
AT CONGRESS CIRCLE CAMPUS**

(6) The Vice-President for the Chicago Undergraduate Division, upon the nomination of the Director of the Physical Plant, recommends the appointment of James J. Overlock, Seattle, Washington, presently Assistant Director of the Associated Students of the University of Washington and of the Union Building at the University of Washington, as Director of the Union at Congress Circle Campus beginning April 1, 1962, at an annual salary rate of \$13,000. The present appointment is for the balance of the current academic year and reappointment will be on an annual basis.

It is desirable that Mr. Overlock be brought into this position soon so that he can assist with the planning of the new building. He will also be Director of the student union activities in the recently remodeled quarters at Navy Pier and will be responsible for the operation of these facilities, including the development of student programs which will eventually be housed in the new building at Congress Circle.

I concur.

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

DEANSHIP OF THE COLLEGE OF NURSING

(7) Dean Emily C. Cardew of the College of Nursing has asked to be relieved of her administrative duties as Dean as soon as a suitable replacement can be made. She will, however, continue serving on the faculty as Associate Professor, teaching in both a baccalaureate program and developing a graduate program leading to the master's degree, for which there is a pressing need.

I have approved Dean Cardew's request and report this action for record.

A search committee has been appointed to consider available candidates for this position and to make recommendations.

This report was received for record.

BANK ACCOUNTS FOR EXTENSION COUNCILS

(8) Agricultural and home economics extension work in the counties of the state of Illinois is supported by federal appropriations, state appropriations to the University of Illinois, and contributions from local sources. Under the present system, local funds are paid to the University and become one of the financial resources for payments by the University of salaries, travel, rent, and other expenses incidental to operating the county offices. To expedite the payment of local operating costs of the offices and to increase participation and responsibilities of local citizens, it is proposed that the expenditures for local operations—other than salaries, travel, and rent—be made at the county level from the contributed funds. The kinds of expenditures are: office supplies, telephone, utilities, and the service activities mentioned below.

In 1955 Councils in Agriculture Extension and in Home Economics Extension were established in each county. Members are appointed by the Director of the Cooperative Extension Service under authority granted by the Board of Trustees. These Councils assist the University in carrying out its Cooperative Extension Service programs. It is a present responsibility of the Extension Councils to develop detailed budgets for the extension work in the respective counties with the assistance of the County Advisers and to obtain local contributions in support of such budgets, which are submitted to the Cooperative Extension Service for approval.

The Councils forward to the University the grants obtained from local sources to support these programs. It is now proposed that funds received—except those for salaries, travel, and rent—be deposited in a bank within the county in the name of the University of Illinois. Local operating costs, other than those indicated, will be paid from this account. Into this account will also be deposited receipts from local service activities, such as 4-H premiums and prizes and camping activities, and from which equivalent disbursements for these purposes will be made. All checks drawn will be signed by the Council Treasurer and co-signed by the County Farm or Home Adviser. Audits of the accounts will be regularly performed by a University auditor, and financial reports will be periodically submitted to the Cooperative Extension Service.

It is recommended by the Director of the Cooperative Extension Service and by the Vice-President and Comptroller that the Board authorize establishing accounts in banks in (selected) counties for the funds for local operations, as outlined above, for each of the Councils in Agriculture and in Home Economics. For the present, this procedure will be initiated in only a few selected counties to test its operational effectiveness. If such a procedure proves successful, it may be extended to all of the counties of the state desiring such a service. A report of the accounts thus established will be made to the Board.

On motion of Mr. Swain, this recommendation was approved, and authority was given as requested.

ANTI-TRUST LITIGATION

(9) On February 5, 1962, suit was filed on behalf of the University in the Federal District Court for the Northern District of Illinois (Case 62 C 362) against eighteen electrical manufacturers who were involved in the electrical equipment price-fixing conspiracy which was the subject of federal anti-trust action in 1960 and 1961. The complaint seeks recovery of treble damages under the Sherman and Clayton Anti-Trust Laws, for overcharges on purchases of electrical equipment by and for the University during the period of the conspiracy.

The Legal Counsel states that the institution of the suit on the date indicated was necessary to preserve the University's rights in the matter. He requests confirmation and ratification by the Board of the filing of the suit, the employment of Attorney Lee A. Freeman, Chicago, as special counsel to represent the University in connection therewith, and authority to proceed with the litigation and to employ such other special consultants as may be appropriate.

I concur.

On motion of Mr. Clement, the actions taken in this matter were confirmed and ratified, and authority was given as requested.

Mr. Johnston asked to be recorded as not voting on grounds of conflict of interest, being a member of the Board of Directors of one of the defendant corporations.

CHANGES IN STUDENT FEES

(10) In October, 1956, the Board of Trustees approved, in principle, the assessment of building fees of \$20.00 per semester to make possible the construction of student service facilities—the Illini Union Addition, Student Services Buildings (including a Health Service Building), and the Assembly Hall—on a self-liquidating basis. This has been a firm commitment to the state of Illinois in connection with the biennial budgets since the biennium of 1957-59, but the fees have not been put into effect pending completion of the buildings to which they are related.

The Committee on Fees now recommends that the fees for students on the Urbana-Champaign campus be increased by \$20.00 a semester, effective September, 1962, in order to provide for operation and debt service on the service buildings. It also recommends, for simplicity in assessment and accounting, that a single service fee be assessed, to be distributed to the various activities as shown in the internal budget each year. Thus, at Urbana-Champaign and the Medical Center there will be only three fees: tuition, service fee, and hospital-medical-surgical insurance fee. At the Chicago Undergraduate Division, there will be, in addition to the above three, an activities fee. The revised schedules of fees as recommended by the Committee appear below as Exhibit A.

The Committee also recommends that the number of credit hours included in the three ranges of fees be adjusted so that one-third of the normal load of fifteen hours be included in each successive range. Some revisions in the amount of fees for part-time students are made and the hospital-medical-surgical fee is charged all students who do not have equivalent coverage.

The Committee also recommends that a late registration fine of \$15.00 be assessed all students who register for work in residence after the close of the regular registration, in addition to the tuition and fees presented in the schedule. The fine may be waived on petition in emergencies, such as illness or death in the immediate family.

The Committee also recommends that the charge for deferment of payment of fees be uniformly set at \$2.00 and that it be nonrefundable. The charge is not applicable when arrangements have been made to bill the fees to an agency.

The Committee also recommends that the visitor's fee be increased from \$10.00 to \$15.00 for each course on campus. Persons paying full fees (Range I) and those who are exempt from tuition are not assessed the fee.

The laboratory, library, and supply fee is discontinued, and applied to the total service fee, which will be distributed in 1962-63 as follows:

Urbana-Champaign: Illini Union and Health Center, 46¼ per cent; Assembly Hall, 46¼ per cent; Student Services Building, 7½ per cent.

Medical Center: Union Building, 15 per cent; Dentistry-Medicine-Pharmacy Revenue Bond Fund, 85 per cent.

Chicago Undergraduate Division: Union Building, 30 per cent; Union Building Replacement, 70 per cent.

The Director of Auxiliary Services and the Vice-President and Comptroller recommend that the housing deposit be increased from \$30.00 to \$40.00. This will eliminate confusion with the tuition deposit of \$30.00 required for new students. (The housing deposit is applied to the rental, but is forfeited if the student does not withdraw his application before a specified date.)

The Committee further recommends some revisions in the regulations governing assessment of and exemptions from fees, submitted herewith as Exhibit B.

I concur in these recommendations.

On motion of Mr. Johnston, the revisions in fees and in the regulations governing the assessment of and exemptions from fees were

approved as recommended herein; and the schedules of fees as they appear below were authorized.

Exhibit A

TUITION AND FEES EFFECTIVE SEPTEMBER 1, 1962

Tuition and fees are payable in full when the student registers, unless the installment plan is elected.

Urbana-Champaign Campus

SEMESTER

	<i>Full Program Range I</i>		<i>Partial Programs</i>			
	<i>Above 10 semester hours or above 2½ units</i>		<i>Range II Above 5 semester hours or 1¼ units up to and including 10 hours or 2½ units</i>		<i>Range III Above 0 up to and including 5 semester hours or 1¼ units</i>	
	Resi- dent	Nonresi- dent	Resi- dent	Nonresi- dent	Resi- dent	Nonresi- dent
Tuition (except those holding exemptions)	\$ 85 00	\$260 00	\$ 60 00	\$180 00	\$ 35 00	\$105 00
Service Fee ¹	40 00	40 00	30 00	30 00	25 00	25 00
Hospital-Medical-Surgical Insurance Fee ²	10 00	10 00	10 00	10 00	10 00	10 00
<i>Total</i>	<u>\$135 00</u>	<u>\$310 00</u>	<u>\$100 00</u>	<u>\$220 00</u>	<u>\$ 70 00</u>	<u>\$140 00</u>

EIGHT-WEEK SUMMER SESSION

	<i>Full Program Range I</i>		<i>Partial Programs</i>			
	<i>Ranges are one-half the credits for a semester</i>		<i>Range II</i>		<i>Range III</i>	
	Resi- dent	Nonresi- dent	Resi- dent	Nonresi- dent	Resi- dent	Nonresi- dent
Tuition (except those holding exemptions)	\$ 45 00	\$130 00	\$ 30 00	\$ 90 00	\$ 20 00	\$ 55 00
Service Fee ¹	20 00	20 00	15 00	15 00	10 00	10 00
Hospital-Medical-Surgical Insurance Fee ²	5 00	5 00	5 00	5 00	5 00	5 00
<i>Total</i>	<u>\$ 70 00</u>	<u>\$155 00</u>	<u>\$ 50 00</u>	<u>\$110 00</u>	<u>\$ 35 00</u>	<u>\$ 70 00</u>

SIX-WEEK WINTER SHORT COURSE IN AGRICULTURE AND HOME ECONOMICS

	<i>Full Program Range I</i>		<i>Partial Programs</i>			
	<i>Above 2 courses</i>		<i>Range II 2 courses</i>		<i>Range III 1 course</i>	
	Resi- dent	Nonresi- dent	Resi- dent	Nonresi- dent	Resi- dent	Nonresi- dent
Tuition (except those holding exemptions)	\$ 35 00	\$105 00	\$ 25 00	\$ 75 00	\$ 15 00	\$ 40 00
Service Fee ¹	15 00	15 00	15 00	15 00	10 00	10 00
Hospital-Medical-Surgical Insurance Fee ²	5 00	5 00	5 00	5 00	5 00	5 00
<i>Total</i>	<u>\$ 55 00</u>	<u>\$125 00</u>	<u>\$ 45 00</u>	<u>\$ 95 00</u>	<u>\$ 30 00</u>	<u>\$ 55 00</u>

¹ Persons on the academic, administrative, or permanent nonacademic staff of the University, or on the staffs of the allied agencies, and persons registered in absentia or off-campus will be exempt from the service fee.

² Students presenting evidence of equivalent coverage may receive a waiver of the hospital-medical-surgical insurance fee upon approval of a petition submitted to the University Insurance Office not later than the final day established for full refund of fees. Persons registered for thesis research in absentia will not be assessed the hospital-medical-surgical insurance fee.

Chicago Undergraduate Division

SEMESTER

	Full Program Range I Above 10 semester hours		Partial Programs Range II Above 5 semester hours up to and in- cluding 10 semester hours				Range III Above 0 up to and including 5 semester hours	
	Resi- dent	Nonresi- dent	Resi- dent	Nonresi- dent	Resi- dent	Nonresi- dent		
Tuition (except those holding exemptions)	\$ 85 00	\$260 00	\$ 60 00	\$180 00	\$ 35 00	\$105 00		
Service Fee ¹	17 00	17 00	12 00	12 00	10 00	10 00		
Hospital-Medical- Surgical Insur- ance Fee ²	8 00	8 00	8 00	8 00	8 00	8 00		
Activities Fee ¹	10 00	10 00	10 00	10 00	7 00	7 00		
<i>Total</i>	<u>\$120 00</u>	<u>\$295 00</u>	<u>\$90 00</u>	<u>\$210 00</u>	<u>\$ 60 00</u>	<u>\$130 00</u>		

EIGHT-WEEK SUMMER SESSION

	Full Program Range I		Partial Programs Range II Range III <i>Ranges are one-half the credits for a semester</i>			
	Resi- dent	Nonresi- dent	Resi- dent	Nonresi- dent	Resi- dent	Nonresi- dent
Tuition (except those holding exemptions)	\$ 45 00	\$130 00	\$ 30 00	\$ 90 00	\$ 20 00	\$ 55 00
Service Fee ¹	11 00	11 00	6 00	6 00	4 00	4 00
Hospital-Medical- Surgical Insur- ance Fee ²	4 00	4 00	4 00	4 00	4 00	4 00
Activities Fee ¹	5 00	5 00	5 00	5 00	2 00	2 00
<i>Total</i>	<u>\$ 65 00</u>	<u>\$150 00</u>	<u>\$ 45 00</u>	<u>\$105 00</u>	<u>\$30 00</u>	<u>\$ 65 00</u>

Registration in Noncredit Courses

1. Persons registered *on campus* for thesis research only without credit are charged a tuition fee of \$10.00 plus a service fee of \$15.00 and the hospital-medical-surgical insurance fee.
2. Persons registered for thesis research *in absentia* without credit are charged only a tuition fee of \$10.00.
3. No charge is made for noncredit registrations in seminars, either alone or in addition to other courses.
4. Persons not holding tuition waivers who are registered for less than a full program of credit courses (as defined in the fee schedule) shall pay \$15.00 for each noncredit course in addition to the required tuition and fees for the credit courses. If taken alone, noncredit courses other than thesis research and seminar will be assigned to Range III.
5. University employees who register at the request of their departments in noncredit courses especially established to improve the work of the employee will not be charged for such courses.

¹ Persons on the academic, administrative, or permanent nonacademic staff of the University, or on the staffs of the allied agencies, and persons registered in absentia or off-campus will be exempt from the service fee and the activities fee.

² Students presenting evidence of equivalent coverage may receive a waiver of the hospital-medical-surgical insurance fee upon approval of a petition submitted to the University Insurance Office not later than the final day established for full refund of fees. Persons registered for thesis research in absentia will not be assessed the hospital-medical-surgical insurance fee.

Medical Center

QUARTER

	<i>Full Program Range I Above 199 clock hours</i>		<i>Partial Programs Range II 100 to 199 clock hours</i>				<i>Range III 0 to 99 clock hours</i>	
	Resi- dent	Nonresi- dent	Resi- dent	Nonresi- dent	Resi- dent	Nonresi- dent	Resi- dent	Nonresi- dent
MEDICINE								
Tuition (except those holding exemptions)	\$ 57 00	\$174 00	\$ 40 00	\$120 00	\$ 25 00	\$ 75 00		
Service Fee ¹	87 00	120 00	54 00	64 00	29 00	29 00		
Hospital-Medical-Surgical Insurance Fee ²	6 00	6 00	6 00	6 00	6 00	6 00		6 00
<i>Total</i>	<u>\$150 00</u>	<u>\$300 00</u>	<u>\$100 00</u>	<u>\$190 00</u>	<u>\$ 60 00</u>	<u>\$110 00</u>		

	<i>Full Program Range I Above 199 clock hours</i>		<i>Partial Programs Range II 100 to 199 clock hours</i>				<i>Range III 0 to 99 clock hours</i>	
	Resi- dent	Nonresi- dent	Resi- dent	Nonresi- dent	Resi- dent	Nonresi- dent	Resi- dent	Nonresi- dent
DENTISTRY								
Tuition (except those holding exemptions)	\$ 57 00	\$174 00	\$ 40 00	\$120 00	\$ 25 00	\$ 75 00		
Service Fee ¹	77 00	110 00	54 00	64 00	29 00	29 00		
Hospital-Medical-Surgical Insurance Fee ²	6 00	6 00	6 00	6 00	6 00	6 00		6 00
<i>Total</i>	<u>\$140 00</u>	<u>\$290 00</u>	<u>\$100 00</u>	<u>\$190 00</u>	<u>\$ 60 00</u>	<u>\$110 00</u>		

	<i>Full Program Range I Above 10 quarter hours or above 2 units</i>		<i>Partial Programs Range II Above 5 hours or 1 unit up to and in- cluding 10 hours or 2 units</i>				<i>Range III Above 0 up to and including 5 hours or 1 unit</i>	
	Resi- dent	Nonresi- dent	Resi- dent	Nonresi- dent	Resi- dent	Nonresi- dent	Resi- dent	Nonresi- dent
PHARMACY								
Tuition (except those holding exemptions)	\$ 57 00	\$174 00	\$ 40 00	\$120 00	\$ 25 00	\$ 75 00		
Service Fee ¹	37 00	37 00	29 00	29 00	19 00	19 00		
Hospital-Medical-Surgical Insurance Fee ²	6 00	6 00	6 00	6 00	6 00	6 00		6 00
<i>Total</i>	<u>\$100 00</u>	<u>\$217 00</u>	<u>\$ 75 00</u>	<u>\$155 00</u>	<u>\$ 50 00</u>	<u>\$100 00</u>		

¹ Persons on the academic, administrative, or permanent nonacademic staff of the University, or on the staffs of the allied agencies, and persons registered in absentia or off-campus will be exempt from the service fee.

² Students presenting evidence of equivalent coverage may receive a waiver of the hospital-medical-surgical insurance fee upon approval of a petition submitted to the University Insurance Office not later than the final day established for full refund of fees. Persons registered for thesis research in absentia will not be assessed the hospital-medical-surgical insurance fee.

	<i>Full Program Range I Above 10 quarter hours or above 2 units</i>		<i>Partial Programs</i>			
	Resi- dent	Nonresi- dent	<i>Range II Above 5 hours or 1 unit up to and in- cluding 10 hours or 2 units</i>		<i>Range III Above 0 up to and including 5 hours or 1 unit</i>	
	Resi- dent	Nonresi- dent	Resi- dent	Nonresi- dent	Resi- dent	Nonresi- dent
ALL OTHERS (NURSING, GRADUATE, OCCUPATIONAL THERAPY, MEDICAL ILLUSTRATION)						
Tuition (except those holding exemptions)	\$ 57 00	\$174 00	\$ 40 00	\$120 00	\$ 25 00	\$ 75 00
Service Fee ¹	27 00	27 00	24 00	24 00	19 00	19 00
Hospital-Medical- Surgical Insur- ance Fee ²	6 00	6 00	6 00	6 00	6 00	6 00
<i>Total</i>	<u>\$ 90 00</u>	<u>\$207 00</u>	<u>\$ 70 00</u>	<u>\$150 00</u>	<u>\$ 50 00</u>	<u>\$100 00</u>

SEMESTER

	<i>Full Program Range I Above 2½ units</i>		<i>Partial Programs</i>			
	Resi- dent	Nonresi- dent	<i>Range II Above 1¼ units up to and including 2½ units</i>		<i>Range III Above 0 units up to and including 1¼ units</i>	
	Resi- dent	Nonresi- dent	Resi- dent	Nonresi- dent	Resi- dent	Nonresi- dent
SOCIAL WORK						
Tuition (except those holding exemptions)	\$ 85 00	\$260 00	\$ 60 00	\$180 00	\$ 35 00	\$105 00
Service Fee ¹	42 00	42 00	32 00	32 00	27 00	27 00
Hospital-Medical- Surgical Insur- ance Fee ²	8 00	8 00	8 00	8 00	8 00	8 00
<i>Total</i>	<u>\$135 00</u>	<u>\$310 00</u>	<u>\$100 00</u>	<u>\$220 00</u>	<u>\$ 70 00</u>	<u>\$140 00</u>

Summer Fees

Summer fees in Dentistry, Medicine, Pharmacy, Occupational Therapy, and Nursing are the same as for a regular quarter except one-half tuition and the service fee are charged for students taking a six-week program or one-third tuition and the service fee for students taking a four-week program when such is scheduled, rounded to the next higher dollar amount.

Exhibit B Assessment and Exemptions

Tuition and fees are assessed all students, as applicable. The nonresident tuition fee is assessed against those students who are defined as nonresidents of Illinois under the *Regulations Governing Assessment of Resident or Nonresident Student Fees*.

For fee assessment purposes, a staff appointment must require service for not less than three-fourths of the term. (This is interpreted as a minimum of three and one-half months in a semester, nine weeks in a quarter, and six weeks in an

¹ Persons on the academic, administrative, or permanent nonacademic staff of the University, or on the staffs of the allied agencies, and persons registered in absentia or off-campus will be exempt from the service fee.

² Students presenting evidence of equivalent coverage may receive a waiver of the hospital-medical-surgical insurance fee upon approval of a petition submitted to the University Insurance Office not later than the final day established for full refund of fees. Persons registered for thesis research in absentia will not be assessed the hospital-medical-surgical insurance fee.

eight-week summer session.) *Staff tuition and fee privileges do not apply to students employed on an hourly basis in either an academic or a nonacademic capacity nor to persons on leave without pay.*

Waiver of one or more of these charges may be provided as follows:

1. Persons on the academic, administrative, or permanent nonacademic staff of the University, or on the staffs of the allied agencies, persons having graduate tuition and fee waivers described under 4d below, and persons registered in absentia or off-campus will be exempted from the service fee.
2. Students presenting evidence of equivalent coverage may receive a waiver of the hospital-medical-surgical insurance fee upon approval of a petition submitted to the University Insurance Office. Persons registered for thesis research in absentia will not be assessed the hospital-medical-surgical insurance fee.
3. The nonresident portion of the tuition and fees is waived for all staff members, and for others as specified below:
 - a. All staff members and the spouses and dependent children of staff members of the University, of allied agencies, or of the faculties of state-supported institutions of higher education in Illinois, and teachers in the private and public elementary and secondary schools in Illinois shall, if subject to the payment of tuition and fees, be assessed at the resident rate during the term in which the staff member, faculty member, or teacher holds such an appointment. This privilege also extends to the summer session immediately following the term for which such appointment was effective
 - b. Any nonresident student who qualifies for resident tuition and fees by reason of an appointment described under 3a above shall become subject to nonresident tuition and fees if the appointment qualifying him for the resident benefit is vacated by resignation or otherwise prior to completion of three-fourths of the term in question.
 - c. Persons who are actively serving in one of the Armed Forces of the United States and who are stationed and present in the state of Illinois in connection with that service, and the spouses and dependent children of such persons, are permitted to attend the University upon paying the same tuition and fees assessed against resident students as long as such first-mentioned person remains stationed and present in this state and the spouse or dependent child attending the University is also living in this state.
4. Tuition waivers are provided under the following conditions:¹
 - a. For holders of tuition waiver scholarships established by the General Assembly for use at the University of Illinois, and for all holders of tuition waiver scholarships established by the Board of Trustees.
 - b. For all academic employees of the University or of allied agencies whose official appointments call for not more than 67 per cent of full-time services in the term for which waiver is granted.
 - c. For all permanent nonacademic employees under appointment with the University or allied agencies who register in University courses in Range II or III. (Nonacademic employees may register in University courses only upon recommendation of the head of the department in which the individual is employed and upon approval by the Director of Nonacademic Personnel, and the usual schedule limits apply.)
 - d. For holders of tuition and fee waivers authorized by the Board of Trustees, to be awarded to University fellows and others at the discretion of the Dean of the Graduate College. These persons are also exempt from the service fee.
 - e. For students attending University courses under grants or contracts with outside sponsors which provide payments to cover the total costs of instruction. The service fee and the hospital-medical-surgical insurance fee are also waived if such fees are charged to the contract or grant funds.
 - f. For cooperating teachers and administrators who receive assignment of practice teachers. Such persons who register in University courses are exempted from both tuition and the service fee for one semester or summer session for each semester during the calendar year, September to September, in which service is rendered.
 - g. Any graduate student not subject to tuition and fees by reason of his appointment who resigns from his position before rendering service for at least

¹ Unless otherwise noted or unless item 1 or 2 above applies, these waivers apply only to tuition and not to the service fee and the hospital-medical-surgical insurance fee.

three-fourths of that term provided he completes clearance for graduation and terminates active study within one week following the date of resignation. He need not cancel his registration.

- h. Any student who resigns his staff appointment before rendering service for at least three-fourths of the term becomes subject to the full amount of the appropriate tuition and fees for that term unless he withdraws from his University classes at the same time.
- i. Students holding appointments during the final term of an academic year either as employees or fellows, and for whom tuition and/or fees have been provided through waiver or cash payment by an outside agency, are entitled to a waiver of the same kinds of tuition and fees for the summer session immediately following, provided they hold no appointments during that summer session.
- j. Students holding summer session appointments as fellows or as employees are subject to such tuition and fees as would be assessed in accordance with the principles expressed above.

Refunds

Urbana-Champaign Campus and Chicago Undergraduate Division

1. A student subject to tuition and/or fees who withdraws from the University during any term receives refunds as follows:

IN A SEMESTER

- a. During the first ten days of instruction in a semester, refund is made of the full amount of the tuition and fees assessed except for a nonrefundable charge of \$30.00.¹ When the total assessment has been less than \$30.00, the full amount of the assessment, if any, is nonrefundable.
- b. After the first ten days but within the first half of the semester, one-half of the total amount of the tuition and fees assessed which remains after deduction of the above mentioned amount is refunded.
- c. After the midpoint of the semester, no refund is allowed.

IN AN EIGHT-WEEK SUMMER SESSION

- a. During the first five days of instruction in the summer session, refund is made of the full amount of the tuition and fees assessed except for a nonrefundable charge of \$15.00.¹ When the total assessment has been less than this amount, the full amount of the assessment, if any, is nonrefundable.
 - b. After the first five days but within the first half of the summer session, one-half of the amount assessed which remains after deduction of the above mentioned \$15.00 is refunded.
 - c. After the midpoint of the summer session, no refund is allowed.
2. A student who reduces his registration to a lower range receives a refund of the full amount of the difference in tuition and fees specified for such schedules provided the changes are made during the period designated for refund of full fees in case of withdrawal from the University. One-half the above difference is refunded if the changes are made during the period for one-half refund in case of withdrawal from the University. Thereafter, no rebate is allowed.
 3. A person registered as a visitor who desires to withdraw receives a full refund of the visitor's fee, if originally charged, provided he makes personal request for a refund at the Office of Admissions and Records within the full rebate period in any semester, term, or session. Thereafter, no rebate is made.
 4. A student who withdraws from a flight-training course receives a refund of the full flight-training fee during the first ten days of instruction in a semester or the first five days of instruction in the eight-week summer session; a half refund during the remaining half of the term; and no refund thereafter.
 5. For University terms of different lengths of time, the full and half refund periods and the amount of the retained portions of the fees are determined proportionately in accordance with the above principles.
 6. Tuition and fees of a student dismissed from the University during any term are refunded on the same basis as indicated above for a student who withdraws with permission.

¹ The nonrefundable charge includes the hospital-medical-surgical insurance fee, if originally paid, and the student who withdraws from the University continues to be covered by the insurance until the close of the term. The remainder of the retained amount is allocated first to the service fee and then to tuition.

Medical Center

1. Deposit

FULL REFUND

- a. To students admitted to Dentistry and Medicine who request cancellation of admission by January 15 of the year of the applicant's registration in the University.
- b. To students admitted to Pharmacy who request cancellation of admission by September 1 of the year of the applicant's registration.
- c. To any student whose admission is cancelled by the University.

ONE-THIRD REFUND — \$20.00

- a. To students admitted to Dentistry and Medicine who request cancellation of admission by September 1 of the year in which they are to register.
2. A student subject to tuition and/or fees who withdraws from the University (all colleges) during any term receives refunds as follows:
 - a. During the first ten days in the quarter, refund is made of the full amount of the tuition and fees assessed except for a nonrefundable charge of \$20.00.¹ When the total assessment has been less than \$20.00, the full amount of the assessment, if any, is nonrefundable.
 - b. After the first ten days but within the first half of the quarter, one-half of the total amount of the tuition and fees assessed which remains after deduction of the above mentioned amount is refunded.
 - c. After the midpoint of the quarter, no refund is allowed.
3. A student who reduces his registration to a lower range receives a refund of the full amount of the difference in tuition and fees specified for such schedules provided the changes are made during the period designated for refund of full fees in case of withdrawal from the University. One-half the above difference is refunded if the changes are made during the period for one-half refund in case of withdrawal from the University. Thereafter, no rebate is allowed.
4. A person registered as a visitor who desires to withdraw receives a full refund of the visitor's fee, if originally charged, provided he makes personal request for a refund at the Office of Admissions and Records within the full rebate period in any term. Thereafter, no rebate is made.
5. Tuition and fees of a student dismissed from the University during any term are refunded on the same basis as indicated above for a student who withdraws with permission.
6. For University terms of different lengths of time, the full and half refund periods and the amount of the retained portions of the fees are determined proportionately in accordance with the above principles.

ASSEMBLY HALL REVENUE BONDS, SERIES OF 1962

(11) The University's enrollment has increased at a higher rate than the enrollment projections on which the original financing plans for the Assembly Hall were based and the income from student fees presently authorized will be sufficient to provide for repayment of additional bonds.

It is now planned to recommend additional expenditures for facilities and features, most of which were in the original planning but were deferred when final plans were submitted for bids and contracts were awarded. The architects and engineers now recommend that these and certain additional improvements be included, if possible, to add to the usefulness of the new multi-purpose structure and to improve opportunities for operating revenue.

Accordingly, the Director of the Physical Plant and the Vice-President and Comptroller recommend authorization of a supplemental issue of \$600,000 of revenue bonds for financing additional construction in connection with the Assembly Hall.

A supporting memorandum describing these facilities and improvements in detail is submitted herewith, and a copy is being filed with the Secretary of the Board for record. Specific recommendations for each of these projects will be submitted to the Board of Trustees for approval at subsequent meetings.

¹ The nonrefundable charge includes the hospital-medical-surgical insurance fee, if originally paid, and the student who withdraws from the University continues to be covered by the insurance until the close of the term. The remainder of the retained amount is allocated to the service fee.

White, Weld, and Company, who handled the original bond sale, received consent from the present holders for the issuance of the additional bonds. Two of the original purchasers have agreed to purchase the supplemental issue at an effective interest rate of 3.90 per cent. This compares with a rate of 4.32 per cent on the original issue and is in line with changes in the market since 1959. The bonds will become due through the operation of the sinking fund after the original bonds have been retired.

I concur in the foregoing recommendation.

The Finance Committee has also been consulted and concurs in recommendations that the bonds be sold at an effective interest rate of 3.90 per cent, and that bonds totalling \$400,000 be sold to Allstate Insurance Company and \$200,000 to State Farm Mutual Automobile Insurance Company; that White, Weld, and Company be paid a fee of \$2.00 per \$1,000 for its services in connection with the sale; and that Chapman and Cutler be employed as counsel for the bond issue.

A formal resolution will be presented to the Board for adoption at a subsequent meeting.

On motion of Mr. Swain, the supplemental issue of revenue bonds was authorized, and the recommendations relating to the same were approved by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Hughes, Mr. Kerner, Mr. Wilkins.

HOUSING AND HOME FINANCE AGENCY LOAN FOR CONSTRUCTION OF ILLINOIS STREET RESIDENCE HALLS

(12) The Vice-President and Comptroller and the Director of the Physical Plant recommend authorization of:

An application to the Housing and Home Finance Agency for a loan of \$3,350,000 for construction of the Illinois Street Residence Halls;

An issue of revenue bonds to be sold publicly to finance the remainder of the construction cost;

Employment of Chapman and Cutler, Chicago, as counsel for the bond issue;

Advertisements for bids on the construction of the Halls and for the sale of bonds at times deemed most appropriate by the Vice-President and Comptroller.

I concur in these recommendations.

On motion of Mrs. Watkins, these recommendations were approved, and authority was given, as requested, this action being taken by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Hughes, Mr. Kerner, Mr. Wilkins.

HOUSING AND HOME FINANCE AGENCY LOAN FOR CONSTRUCTION OF CONGRESS CIRCLE UNION BUILDING

(13) The Vice-President and Comptroller and the Director of the Physical Plant recommend authorization of:

An application to the Housing and Home Finance Agency for a loan of \$5,000,000 for construction of the Congress Circle Union Building, this amount representing approximately one-half of the estimated cost;

An issue of \$5,000,000 of revenue bonds to be sold publicly to finance part of the construction cost, and to be amortized from student fee income;

Employment of Chapman and Cutler, Chicago, as counsel for the bond issue;

Advertisements for bids on the construction of the Union Building and for the sale of bonds at times deemed most appropriate by the Vice-President and Comptroller.

An assignment from the state capital appropriations from the Universities Building Fund will also be recommended for the construction of this building since

it will include certain physical education and recreation facilities which are a proper charge against state funds.

I concur in these recommendations.

On motion of Mr. Harewood, these recommendations were approved, and authority was given, as requested, this action being taken by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Hughes, Mr. Kerner, Mr. Wilkins.

APPROPRIATIONS FOR NONRECURRING EXPENDITURES

(14) The Committee on Nonrecurring Appropriations recommends the following appropriations and assignments of funds:

Physical Plant	
Remodeling Agricultural Engineering Building.....	\$ 5 360
Remodeling quonset building for Civil Engineering (supplements appropriations of \$35,000 made in July, 1960, and June, 1961).....	17 200
Completion of Labor and Industrial Relations Building.....	24 700
Department of Forestry, Universal timber-testing machine.....	21 975
Institute of Labor and Industrial Relations, equipment in new building....	22 100
College of Liberal Arts and Sciences, remodeling and equipment for Language Laboratory	3 000
<i>Total, General Reserve</i>	<u>\$94 335</u>
Physical Plant	
Repair cold storage rooms at Horticulture Field Laboratory.....	\$10 650
Remodeling 1203 West Nevada Street for School of Music.....	39 000
Remodeling Research and Educational Hospitals for Rehabilitation Center.....	16 370
<i>Total, State Capital Appropriations</i>	<u>\$66 020</u>
Library — for books	\$50 000
<i>Total, Indirect Costs General</i>	<u>\$50 000</u>

I concur.

On motion of Mr. Johnston, these appropriations were made, as recommended, by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Hughes, Mr. Kerner, Mr. Wilkins.

APPROPRIATION AND ADDITION TO CONTRACT FOR HEALTH SERVICE ADDITION TO MCKINLEY HOSPITAL

(15) The Director of the Physical Plant and the Vice-President and Comptroller recommend (1) an increase of \$4,323.90 in the contract with Snyder Construction Company, Inc., Vincennes, Indiana, for the construction of the Health Service Addition to McKinley Hospital, for removal and replacement of linoleum in the first and second floor corridors of McKinley Hospital plus installation of tile stair treads between the two floors; the corridors will connect the Hospital with the new Health Service Building; and (2) an assignment of \$4,323.90 from the state capital appropriations to the University from the Universities Building Fund for this additional work.

I concur.

On motion of Mr. Pogue, the change in contract was authorized, and the requested assignment of funds was made by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Hughes, Mr. Kerner, Mr. Wilkins.

CONTRACT FOR CONSTRUCTION OF PHYSICAL PLANT SERVICE BUILDING

(16) The Director of the Physical Plant and the Vice-President and Comptroller

recommend award of the following contracts for the construction of the Physical Plant Service Building, the award in each case being to the lowest bidder:

General — Kuhne-Simmons Company, Inc., Champaign.....	\$1 100 411	
Base Bid	\$1 047 439	
Additive Alternates	52 972	
Electrical — Downtown Electric, Urbana.....		180 925
Base Bid	\$ 173 325	
Additive Alternates	7 600	
Ventilating — R. H. Bishop Company, Champaign.....		89 913
Sprinkler — Gamewell Company through its Rockwood Sprinkler Company Division, Western Springs.....		20 145
<i>Total Contracts</i>	\$1 391 394	

It is further recommended that all contracts other than the general contract be assigned to the contractor for the general work, making the total of his contract price \$1,391,394.

It is further recommended that an assignment agreement be entered into with Kuhne-Simmons Company, Inc. for the assignment of these other contracts for \$15,000, this being the amount bid by that Company under Alternate 1-A for a service charge for supervision of other contracts assigned to the general contractor.

Funds are available in the state capital appropriations to the University from the Universities Building Fund, subject to release by the Governor.

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

I concur.

On motion of Mr. Swain, these contracts were awarded, as recommended, by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Hughes, Mr. Kerner, Mr. Wilkins.

CONTRACT FOR ADDITION TO ABBOTT POWER PLANT

(17) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$68,971 to General Electric Company, Chicago, the lowest bidder, for installation of switchgear and transformers (Division "9-C") in the Abbott Power Plant now under construction.

Funds are available in the state capital appropriations from the Universities Building Fund.

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

I concur.

On motion of Mrs. Watkins, this contract was awarded, as recommended, by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Hughes, Mr. Kerner, Mr. Wilkins.

CONTRACTS FOR EQUIPMENT FOR ADDITION TO ABBOTT POWER PLANT

(18) The Director of the Physical Plant and the Vice-President and Comptroller recommend awards of the following contracts for structural steel and coal bunker, and closed feed water heater for the addition to the Abbott Power Plant, the award in each case being to the lowest bidder:

Structural steel and coal bunker — Joseph T. Ryerson and Son, Inc., Chicago, estimated cost.....	\$38 610
Based on the following prices:	
Structural steel members.....	\$0.129 per pound
Coal bunker.....	0.160 per pound
Secondary structural members.....	0.185 per pound
Column anchor bolts.....	0.200 per pound

Closed feed water heater — Alco Products, Incorporated, Chicago..... 15 080
Total Contracts \$53 690

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

Funds are available in the state capital appropriations to the University from the Universities Building Fund.

I concur.

On motion of Mr. Swain, these contracts were awarded, as recommended, by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Hughes, Mr. Kerner, Mr. Wilkins.

**CONTRACT FOR INSULATION AND PIPE COVERING WORK
IN PLANT SCIENCES BUILDING**

(19) Contracts for the construction of the Plant Sciences Building, approved by the Board on December 19, 1961, did not include insulation and pipe covering since bids on this work had not been taken at that time. The Director of the Physical Plant and the Vice-President and Comptroller now recommend award of a contract for \$48,000 to the Chicago Pipe and Boiler Covering Company, Chicago, the lowest bidder, for insulation and pipe covering work in the Plant Sciences Building.

Funds are available in the state capital appropriations to the University from the Universities Building Fund.

The Board of Trustees action on December 19 provided that all contracts other than the general contract, and including the contract for insulation and pipe covering when it was let, be assigned to the contractor for the general work, W. E. O'Neil Construction Company, Chicago.

I concur.

On motion of Mr. Johnston, this contract was awarded, as recommended, by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Hughes, Mr. Kerner, Mr. Wilkins.

**CONTRACT FOR LABORATORY EQUIPMENT FOR
BURNSIDES RESEARCH LABORATORY**

(20) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$70,466 to Browne-Morse Company, Chicago, the lowest bidder, for fixed laboratory equipment for the Burnsidess Research Laboratory.

Funds are available in the construction budget for this project.

I concur.

On motion of Mr. Swain, this contract was awarded, as recommended, by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Hughes, Mr. Kerner, Mr. Wilkins.

**CONTRACTS FOR EXTENSIONS OF UTILITIES TO BURNSIDES
RESEARCH LABORATORY AND PHYSICAL PLANT
SERVICE BUILDING**

(21) The Director of the Physical Plant and the Vice-President and Comptroller recommend awards of contracts for extension of utilities to the Burnsidess Research Laboratory and to the Physical Plant Service Building as follows, the award in each case being to the lowest bidder:

Burnsidess Research Laboratory

Electrical service lines — Leiter Electric Company, Peoria.....\$ 6 820
 Piping system for steam service — Ideal Heating Company, Chicago.. 11 777

Burnsides Research Laboratory and Physical Plant Service Building
 Storm and sanitary sewers and water mains — George S. Walker
 Plumbing and Heating, Inc., Decatur..... 37 100
Total Contracts\$55 697

Funds are available in the state capital appropriations from the Universities Building Fund and in outside grants received for the construction of the Laboratory.

Submitted herewith are supporting reports from the Physical Plant Department, including schedules of bids received, copies of which are being filed with the Secretary of the Board for record.

I concur.

On motion of Mr. Johnston, these contracts were awarded, as recommended, by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Hughes, Mr. Kerner, Mr. Wilkins.

CONTRACT FOR CAMPUS TREE PLANTING

(22) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$26,725 to Irving L. Peterson, Landscape Architect, Champaign, the lowest bidder, for the first phase of the campus tree-planting program in accordance with the plan approved by the Board of Trustees on January 11, 1962, for gradual replacement of trees lost due to diseases.

This contract is for planting trees, as specified, in the following areas: on Stadium Drive from the Illinois Central Railroad east to First Street; planting of the South Mall from Lorado Taft Drive north to and including along the side of the University Auditorium; along the walk south of Smith Music Hall from that building east to the Child Development Laboratory; on Peabody Drive from First Street east to the Law Building; on Gregory Drive from Fourth Street to Sixth Street; and along the east side of Wright Street from Springfield Avenue to Armory Avenue.

Funds are available in the state capital appropriations to the University from the Universities Building Fund, subject to release by the Governor.

I concur.

On motion of Mr. Swain, this contract was awarded, as recommended, by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Hughes, Mr. Kerner, Mr. Wilkins.

CONTRACTS FOR LANDSCAPING OF GRADUATE STUDENT RESIDENCE HALLS AND ORCHARD DOWNS HOUSING AREAS

(23) The Director of the Physical Plant and the Vice-President and Comptroller recommend awards of contracts for landscaping work as follows, the award in each case being to the lowest bidder:

For complete landscape work in the Graduate Student Residence Halls area — Henry Nurseries, Henry.....\$ 7 611 63
 For complete landscaping in the Orchard Downs housing area —
 Twin City Landscape Service, Inc., Urbana..... 33 617 48

Funds are available in the proceeds of revenue bonds issued to finance the construction of these buildings.

I concur.

On motion of Mrs. Watkins, these contracts were awarded, as recommended, by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Hughes, Mr. Kerner, Mr. Wilkins.

CONTRACT FOR REMODELING IN RESEARCH AND EDUCATIONAL HOSPITALS

(24) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$38,391 to the Mueller Construction Com-

pany, Chicago, the lowest bidder, for remodeling the eighth floor, north wing, of the Research and Educational Hospitals.

The work will include rearrangement of partitions, installation of laboratory furniture, new floor covering, new ceilings, and the necessary mechanical and electrical services to change this area into laboratories and offices to be used by the Department of Medicine for research in infectious diseases. The remodeled quarters will provide facilities for training doctors for research in infectious diseases. The need for these facilities is related to a United States Department of Health, Education, and Welfare grant for training of doctors for academic and research careers.

Funds are available in United States Public Health Service Grant E-208.

I concur.

On motion of Mr. Swain, this contract was awarded, as recommended, by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Hughes, Mr. Kerner, Mr. Wilkins.

CONTRACT FOR SOIL TEST BORINGS AND SOIL ANALYSIS ON CONGRESS CIRCLE CAMPUS

(25) The Director of the Physical Plant and the Vice-President and Comptroller recommend authorization of a contract with Soil Testing Services, Inc., Chicago, for soil test borings and soil analysis in the areas of the Congress Circle Campus on which buildings will be constructed.

This work, including analysis of soil and ground water conditions, is fundamental to structural design of the buildings. Fifty-five borings will be required, of which eight will go to bedrock. A firm quotation on the total cost of the work is not feasible since soil conditions to be encountered cannot be anticipated. Accordingly, it is proposed that the agreement with Soil Testing Services, Inc. be upon the following unit costs:

Advancing the bore hole and split spoon sampling:

Under 60 blows.....	\$ 3.00 per foot
Sixty blows and over.....	5.00 per foot
Shelby tube sampling 2 in. diameter.....	3.00 per foot
Rock coring
Unconfined compression test.....	4.00 per test
Calibrated penetrometer tests.....	1.00 per test
Atterberg limits	7.50 per test
Triaxial tests	75.00 per test
	(3 circles)

In addition to the above, the proposal provides for the following charges:

Moving personnel and equipment on and off the site, preparation of logs, drawings.....	\$ 25 00
Engineering report, including the following.....	3 000 00
Description of boring procedures on laboratory tests.	
Description of soil and ground water conditions.	
Analysis and recommendations of the type of foundation to be used, allowable bearing values, basement excavation methods and bracing, method of relieving hydrostatic pressure, and special conditions which may affect the design and construction of the structure.	

Soil Testing Services, Inc. is recommended because it has a large experienced staff on soil testing analysis and is equipped to do the entire program promptly. It has had experience in soil analysis work on high-rise buildings, having done such work on a number of major projects in Chicago.

It is anticipated that the total cost of the work for the fifteen buildings to be constructed will be approximately \$30,000.

Funds are available in the state capital appropriations from the Universities Building Fund.

Submitted herewith is a supporting memorandum from the Physical Plant Department on this project, a copy of which is being filed with the Secretary of the Board for record.

I concur.

On motion of Mr. Swain, this contract was awarded, as recommended, by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Hughes, Mr. Kerner, Mr. Wilkins.

**CONTRACT FOR ENGINEERING SERVICES ON STORM
AND SANITARY SEWERS AND WATER MAINS**

(26) The Director of the Physical Plant and the Vice-President and Comptroller recommend employment of Wilson and Anderson, Consulting Engineers, Champaign, for the engineering services to design the construction of, and to write the specifications for, sanitary and storm sewers and water mains to service the new buildings for the College of Commerce and Business Administration and the College of Education, and the Illinois Street Residence Halls.

Payments for these services will be on the basis of Schedule A of Minimum Fees of the Illinois Society of Professional Engineers, exclusive of the services of a resident engineer for field inspection:

<i>Cost of Construction</i>		<i>Basic Fee</i>
First	\$ 50 000	12.00 per cent
Next	100 000	9.00 per cent
Next	150 000	7.50 per cent
Next	200 000	6.50 per cent
Next	500 000	6.00 per cent
Next	1 000 000	5.50 per cent
All over	2 000 000	5.00 per cent

The total estimated cost will be approximately \$10,000 for the engineering services on storm and sanitary sewers and water mains for the Commerce and Education Buildings and \$10,000 for the engineering services on the same utilities for the residence halls.

Funds are available in the state capital appropriations from the Universities Building Fund.

Submitted herewith are supporting memoranda from the Physical Plant Department, copies of which are being filed with the Secretary of the Board for record. The Committee on Buildings and Grounds has been consulted and supports the recommendation.

I concur.

On motion of Mr. Johnston, this contract was awarded, as recommended, by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Hughes, Mr. Kerner, Mr. Wilkins.

**CONTRACT FOR ENGINEERING SERVICES FOR CORRECTION
OF ELECTRICAL DEFICIENCIES AT URBANA-CHAMPAIGN**

(27) The Director of the Physical Plant and the Vice-President and Comptroller recommend employment of the firm of Carroll-Henneman and Associates, Consulting Engineers, Urbana, for engineering services in designing and writing specifications for correction of electrical deficiencies, including transformer vault improvements in thirteen buildings on the Urbana-Champaign campus. The total construction and installation cost of correction of electrical deficiencies in these buildings is estimated to be \$245,000. The firm recommended will do the work on the basis of Schedule B of Minimum Fees Adopted by the Illinois Society of Professional Engineers, which, exclusive of the services of a resident engineer for field inspection, is:

<i>Cost of Construction</i>		<i>Basic Fee</i>
First	\$ 20 000	10.00 per cent
Next	30 000	9.00 per cent
Next	50 000	7.00 per cent
Next	200 000	6.00 per cent
Next	200 000	5.50 per cent
Next	500 000	5.00 per cent
Next	1 000 000	4.75 per cent
All over	2 000 000	4.50 per cent

Based on estimates of construction costs, the total estimated cost of the engineering services, exclusive of those of a resident engineer and/or inspectors for supervision of the work, is approximately \$20,000. The Physical Plant Department will provide the supervision from its own personnel.

Funds are available in the state capital appropriations from the Universities Building Fund.

Submitted herewith is a supporting memorandum from the Physical Plant Department, a copy of which is being filed with the Secretary of the Board for record. The Committee on Buildings and Grounds has been consulted and supports the recommendation.

I concur.

On motion of Mr. Swain, this contract was awarded, as recommended, by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Hughes, Mr. Kerner, Mr. Wilkins.

IMPROVEMENT OF FOURTH STREET IN CHAMPAIGN

(28) The city of Champaign is planning to widen and resurface South Fourth Street from its present width to forty-four feet from curb to curb from Springfield Avenue south to Armory Avenue; with the University's participation, the City will extend the improvement south to Florida Avenue.

The University owns one-half the street frontage in the block between Armory Avenue and Gregory Drive, and all the frontage from Gregory Drive south to Florida Avenue, except for the Roselawn Cemetery frontage of about 625 feet north of Florida Avenue and on the east side of Fourth Street. The improvement from Armory south to Florida Avenue would include widening and resurfacing the street from the present width of approximately thirty-five feet to forty-four feet between curbs, a mercury vapor lighting system, a new eight-foot wide sidewalk on both sides of the street between Armory Avenue and Gregory Drive, traffic signals at the intersection of Gregory Drive, drainage and incidental construction related to these improvements.

The City has requested the University to share in the estimated cost of the improvement on the following basis:

For that portion of the project from the center line of Armory Avenue to the south property line of Gregory Drive including the traffic signals at the latter intersection on the ratio of University property frontage to the total property frontage, or 50 per cent of said portion of the subject cost.....	\$ 22 135 18
For that portion of the project from the south property line of Gregory Drive to the north curb line of Florida Avenue.....	95 100 92
100 per cent of cost for University-owned property frontage	\$87 200 92
50 per cent of cost for Roselawn Cemetery frontage	7 900 00
<i>Total</i>	<u>\$117 236 10</u>

The Roselawn Cemetery is not within the Champaign city limits and can not be assessed for this improvement. The Roselawn Cemetery Association has advised it has no funds to participate on a voluntary basis. The proposal here submitted provides that the University and the City will share equally in the cost of the improvement along this frontage, estimated at approximately \$15,800, or approximately \$7,900 to be paid by each party. The University's share of the cost will be based on the actual cost of construction, plus engineering, legal, and miscellaneous expenses where applicable, and will be due and payable in one lump sum within thirty days after completion of the project.

Funds are available in the state capital appropriations to the University for 1961-63 from the Universities Building Fund.

I recommend that the Comptroller and the Secretary of the Board be authorized to execute an agreement with the city of Champaign for the University's participation in this improvement on the basis of the above estimates and that funds be assigned for this purpose.

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

authority was given as requested, this action being taken by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Hughes, Mr. Kerner, Mr. Wilkins.

**IMPROVEMENTS OF PUBLIC AND UNIVERSITY ROADS
ON URBANA-CHAMPAIGN CAMPUS**

(29) The Board of Trustees has authorized employment of Clark, Daily, and Dietz, Consulting Engineers, Urbana, to provide complete engineering services in designing the following described improvements of University roads and public streets on the Urbana-Champaign campus, these improvements being scheduled for the summer of 1962.

First Street

Concrete pavement, forty-five feet wide, back to back of curb, extending from Florida Avenue south to a point approximately 650 feet south of St. Mary's Road, including necessary drainage.

Concrete sidewalk, eight feet wide, five inches thick, on east side of First Street from Florida Avenue to St. Mary's Road, to include provision for future widening to a twelve foot walk if found necessary.

Concrete sidewalk, eight feet wide, five inches thick, on south side of Florida Avenue from Fourth Street to First Street and on north side of Florida Avenue from First Street to the Illinois Central Railroad underpass, to include provision for future widening to 12 feet if found necessary.

Street lighting from Florida Avenue to and including St. Mary's Road.

Traffic signals at intersection of Florida Avenue and First Street.

Fourth Street

Concrete pavement, forty-five feet wide, back to back of curb, extending from Florida Avenue south to St. Mary's Road, including necessary drainage.

Concrete sidewalk, eight feet wide, five inches thick, on west side of Fourth Street from Florida Avenue to St. Mary's Road, to include provision for future widening to twelve feet if found necessary.

Concrete sidewalk, eight feet wide, five inches thick, on west side of Fourth Street from Florida Avenue to Peabody Drive, to include provision for future widening to twelve feet if found necessary.

Street lighting from Florida Avenue to and including intersection at St. Mary's Road.

Traffic signals at intersection of Fourth Street and Florida Avenue.

St. Mary's Road

Concrete pavement, forty-five feet wide, back to back of curb, extending from the Illinois Central underpass east to and including the intersection of Fourth Street, including necessary drainage.

Sixth Street

Bituminous concrete surface on concrete sub-base pavement with concrete curb and gutters, forty-five feet wide, back to back of curb, extending from Gregory Drive to Pennsylvania Avenue.

Concrete sidewalk, eight feet wide, five inches thick, on west side of Sixth Street from Gregory Drive to Peabody Drive and on east side of Sixth Street from Peabody Drive to Pennsylvania Avenue.

Street lighting from Gregory Drive to and including the intersection of Pennsylvania Avenue.

Street lighting from Armory Avenue to Gregory Drive.

First Street and Fourth Street from Florida Avenue to a point approximately 264 feet north of the center line of St. Mary's Road are within the corporate limits of the city of Champaign and the proposed improvements will require its approval.

Fourth Street south of the corporate limits of the city of Champaign, referred to above, and St. Mary's Road from First to Fourth Street are in Urbana Township. A portion of First Street south of said corporate limits is in Urbana Township and the balance in Champaign Township. St. Mary's Road from First Street west to the Illinois Central right-of-way is in Champaign Township. Therefore, the improvements proposed will require the approval of both Urbana and Champaign Townships.

This improvement program has been reviewed with the Champaign City Manager and City Council, who have reported that it meets with their approval and that the City Attorney has been designated to work with the University in developing a mutually satisfactory agreement. The program has also been reviewed with the highway commissioners and supervisors of both Urbana and Champaign Townships, who have indicated that the improvements are highly desirable and have suggested that the Townships will be willing to dedicate any interest they may have in rights-of-way of streets and roads to the University, subject to review and approval by their legal advisers.

Funds are available in the University's state capital appropriations from the Universities Building Fund, subject to release by the Governor.

The Director of the Physical Plant and the Vice-President and Comptroller recommend that the Board of Trustees authorize its Comptroller and Secretary to execute agreements with the city of Champaign and with Urbana and Champaign Townships for the improvements outlined. Construction contracts and assignments of funds for the same will, of course, be subject to approval by the Board of Trustees.

I concur.

On motion of Mr. Johnston, this recommendation was approved, and authority was given as requested.

IMPROVEMENTS AT HOTT MEMORIAL CENTER

(30) Mr. and Mrs. Maxwell R. Hott have given the University their home in Monticello, the gift being designated as the Hott Memorial Center for Continuing Education. The property is being given to the University over a period of years. The University now has an undivided one-fourth interest in the title and Mr. and Mrs. Hott have leased their remaining interest in the property to the University of Illinois Foundation for twenty years. They plan to give additional fractional interests to the University until the complete title is transferred.

To make the residence more useful as an extension center will require remodeling and additions in order to increase the number of guest rooms required for such use. The estimated cost of the improvements, which would include air conditioning the entire first floor, is \$137,500. The First National Bank of Chicago has agreed to loan this amount to the Foundation at one-half the prime interest rate, plus one-fourth per cent (presently a total of two and one-half per cent), with retirement of the principal at the rate of \$12,000 per year. Should the Bank incur tax liability on the income from the loan, the Foundation will pay the prime interest rate plus one-fourth per cent.

The Dean of the Division of University Extension and the Vice-President and Comptroller recommend that the Foundation be requested to make these improvements to be financed by the Bank loan. To assist in accomplishing this, they recommend that the University transfer title to its interest to the Foundation and that the University lease the property from the Foundation until June 30, 1963, at a rental sufficient to cover interest and principal payments on the loan, with option in the lease for renewal for successive biennial periods. During the early years of the operation of the Hott Memorial Center for Continuing Education, income may not be adequate to pay the debt service and funds will be included in the operating budget of the Division of University Extension to cover the difference; however, in a few years the Center should be completely self-supporting.

I concur and recommend adoption of the necessary resolution to implement this transaction.

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

Resolution

Be It, and It Is Hereby, Resolved by this Board of Trustees of The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, that the Comptroller and Secretary of this public corporation be, and they hereby are, authorized for and in the name of, and on behalf of, this public corporation (1) to sign, execute, and deliver an agreement with and to University of Illinois Foundation, a not for profit corporation of the State of Illinois, hereinafter referred to as "Foundation," which agreement shall provide that this

public corporation will convey its interest in certain hereinafter described property in Monticello, Illinois, to Foundation; that Foundation will borrow money for the purpose of making improvements to Hott Memorial Center located on said property, and will contract for and make said improvements, in accordance with plans and specifications approved by the Director of the Physical Plant Department of this public corporation; that Foundation will lease said premises, including the building and improvements, to this public corporation at a rental sufficient to pay Foundation's indebtedness incurred in connection with said remodeling; and that Foundation will upon completion of the repayment of said indebtedness from said rentals reconvey said property, including all improvements, to this public corporation; (2) to sign, execute, acknowledge, and deliver to Foundation a good and sufficient warranty deed conveying to Foundation in accordance with the terms of the hereinbefore mentioned agreement this corporation's interest in the property previously referred to, which is legally described as:

An undivided one-fourth ($\frac{1}{4}$) interest in Block Ten (10) of Rhoades' First Addition to the Town, now City of Monticello, situated in the County of Piatt in the State of Illinois;

(3) to sign, execute, and deliver a lease with and from Foundation of said premises, including said improvements, and including Foundation's leasehold interest in and to the other three-fourths undivided interest in said premises, under which lease this public corporation will agree to pay a rental sufficient to meet all payments required of Foundation on its indebtedness incurred in connection with the remodeling and improvement of said property, said lease to run from the date of the closing of Foundation's loan for the purpose of making said improvements and remodeling to June 30 of the first subsequent odd-numbered year, with the right in this public corporation to renew said lease for successive two-year periods from July 1 of each odd-numbered year to June 30 of the next succeeding odd-numbered year by giving written notice to Foundation between the 1st and 15th of July in each year when such renewal is to be made, until said lease is finally terminated by the payment and liquidation of the above mentioned indebtedness; (4) to commit this public corporation to act as agent for Foundation in the carrying out of said remodeling and in the administration and service of such indebtedness and the payments and disbursements from and of funds made available by the creditor of Foundation for the purpose of said remodeling; (5) to accept reconveyance of said property, including all improvements thereon, from Foundation when Foundation's indebtedness has been retired as provided above; and (6) to sign, execute, acknowledge, and deliver any and all other documents and instruments deemed necessary or desirable by said Comptroller and said Secretary to accomplish the purposes herein set forth.

On motion of Mr. Swain, the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Hughes, Mr. Kerner, Mr. Wilkins.

BEQUEST OF CHARLES P. HOWARD

(31) The will of the late Dr. Charles P. Howard of Champaign, who died July 21, 1943, set up a trust with the First National Bank of Chicago for the benefit of his brother, Hartwell C. Howard of Champaign, who received the income from the trust during his lifetime. The will and the trust provide that upon the death of Hartwell C. Howard, one-half of the trust estate shall be paid to the Young Men's Christian Association of Champaign and one-half to the Board of Trustees of the University of Illinois to establish the Dr. Hartwell C. Howard Memorial Fund in memory of the testator's father. The University's share is approximately \$194,000. This shall be an endowment fund, the income therefrom to be used to aid premedical and predoctoral students at the University of Illinois in any way that the Board of Trustees deems proper. In the event the purposes of this trust become obsolete or undesirable, the Board of Trustees may use the income for any purpose it sees fit. The Board is not limited by any statute or law regarding investments of this fund.

Mr. Hartwell C. Howard died January 2, 1962.

The First National Bank of Chicago has submitted to the University and to the Young Men's Christian Association of Champaign a proposed distribution of the trust assets which would divide the common stocks and bonds equally, except for the sale of one block of bonds and a distribution of cash to make the total distribution equal between the two beneficiaries.

The proposed plan of distribution has been approved by the Finance Committee and it has also approved the merging of these assets with the general endowment pool of the University held by the First National Bank of Chicago. The Bank has recommended the sale of certain of the stocks and bonds and reinvestments of the other securities. The Finance Committee has approved these changes.

The Bank has requested adoption of a resolution by the Board of Trustees accepting this request under the conditions cited with the usual agreements to protect the trustee against loss. Submitted herewith is a resolution prepared by the University's Legal Counsel and approved by the Bank.

Resolution

Be It, and It Is Hereby, Resolved by the Board of Trustees of the University of Illinois that the bequest in favor of this public corporation contained in the Will of Dr. Charles P. Howard, who died on July 21, 1943, of a remainder interest in the trust created of his residuary estate, be, and the same is hereby, accepted by said public corporation for the uses and purposes set forth in said Will and said bequest; and

Be It, and It Is Hereby, Further Resolved that the Vice-President and Comptroller of this public corporation be, and he is hereby, authorized to accept payment and delivery of said bequest on behalf of this public corporation, and to execute and deliver to the First National Bank of Chicago, as survivor Trustee of the testamentary trust created by the Last Will and Testament of said Charles P. Howard, deceased, the receipt of this public corporation in satisfaction thereof.

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

PROCUREMENT OF LARGE-SCALE COMPUTING SYSTEM FOR ALL-UNIVERSITY USE

(32) The Executive Vice-President and Provost and the Vice-President and Comptroller recommend the acquisition from the International Business Machines Corporation on a rental basis, with an option to purchase, of an IBM 7090-1401 high-speed computer system, on the following terms which represent 40 per cent of commercial rates:

Annual rental including maintenance for the 7090-1401 system plus peripheral gear for ILLIAC II: \$350,016.

Rental of the 7090-1401 system with option to buy plus peripheral gear for ILLIAC II: rental price of \$350,016, of which 62 per cent is applicable to the purchase price; option to buy, \$12,580.18, all of it applicable to the purchase price of \$1,363,104 (the commercial price would be \$3,407,700).

The term "peripheral gear for ILLIAC II" refers to input-output equipment needed for the new computer now under construction in the Digital Computer Laboratory. For use with this computer, the International Business Machines Corporation would lend to the laboratory, without additional charge, equipment worth \$529,488 at the educational discount price (commercial price \$1,323,720). In return, the University agrees: (a) to use the equipment for its educational and research purposes only, and solely in connection with ILLIAC II; (b) to provide "a non-exclusive royalty-free license to IBM relative to developments resulting from the University's work in adaptation of the input-output units to ILLIAC."

No state tax funds would be used either for the rental or for the ultimate purchase of this equipment. Contract research funds are available for the annual rental, and the purchase option will be exercised if sufficient funds from outside sources can be provided by the delivery date.

The bid proposal was dated January 16, 1962, and was submitted to the firms listed below, and was also advertised publicly in the official state newspaper in accordance with the Illinois Purchasing Act.

International Business Machines Corporation, Springfield
Control Data Corporation, Minneapolis, Minnesota

Burroughs Corporation, Detroit, Michigan
 Remington Rand Univac, Detroit, Michigan
 Bendix Aviation — Computer Division, Chicago
 RCA — Electronic Data Processing Division, Chicago

The only bid received was from the International Business Machines Corporation.

A supporting statement by the Executive Vice-President and Provost reviews the development of high-speed computer programs at the University of Illinois, discusses the need for a large-scale system to replace present equipment, and explains the procedure followed in securing quotations. The statement is submitted herewith, and a copy is filed with the Secretary of the Board for record. The conditions of this transaction as stated above and as set forth in greater detail in the supporting statement will be incorporated in the contract with the International Business Machines Corporation.

I recommend that the Board authorize a contract with International Business Machines Corporation for the acquisition of this equipment on the terms stated in these documents.

On motion of Mr. Pogue, this contract was authorized by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Hughes, Mr. Kerner, Mr. Wilkins.

PURCHASES

Purchases Authorized

(33) The following purchases were authorized by the President's Office on the recommendation of the Director of Purchases and the Vice-President and Comptroller. Unless otherwise specified, the purchase in each case was recommended on the basis of the lowest acceptable bid.

Urbana-Champaign Departments

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Ten automatic teaching machines	College of Education	Educational Service Division, U.S. Industries, Inc., Goleta, Calif.	\$12 500 00 f.o.b. Goleta, Calif.
One lot laboratory equipment and supplies	International Cooperation Administration Contracts	Fisher Scientific Company, New York, N.Y.	22 742 85 f.a.s. New York, N.Y.

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

Purchases Recommended

The Director of Purchases has proposed and the Vice-President and Comptroller recommends the following purchases. Unless otherwise specified, the purchase in each case is recommended on the basis of lowest acceptable bid.

I concur.

Chicago Colleges and Divisions

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Two closed-circuit television systems for instructional programs	College of Dentistry	Dage Division of Thompson Ramo Wooldridge, Inc., Michigan City, Ind.	\$32 233 50 delivered
One automatic laboratory analyzer	Physiology, College of Medicine	Technicon Instruments Corp., Chauncey, N.Y.	8 263 78 delivered
One nuclear magnetic resonance spectrometer	Chemistry, College of Pharmacy	Varian Associates, Palo Alto, Calif.	24 250 00 delivered
One spectrophotofluorometer and accessories	Pharmacology, College of Pharmacy	American Instrument Co., Silver Spring, Md.	6 649 50 f.o.b. Chicago
20,000 chloramphenicol capsules, 250 mg.	Pharmacy	Parke-Davis & Co., Skokie	5 100 00 delivered

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
20,000 capsules, Tetracycline V, 250 mg.	Pharmacy	E. R. Squibb & Son, Franklin Park	\$ 3 194 00 delivered
One lot of surgical instruments consisting of 48 dissecting scissors, 48 needle holders, 1,160 assorted forceps, and six clamps	Research and Educational Hospitals	V. Mueller & Co., Chicago Mills Hospital Supply Co., Chicago	2 582 40 1 977 00 (4 559 40) delivered

Urbana-Champaign Departments

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
43.4 tons diammonium phosphate fertilizer and 27.4 tons superphosphate fertilizer for Allerton Trust Farms	Agricultural Economics	Tennessee Valley Authority, Knoxville, Tenn.	\$ 4 854 50 f.o.b. Sheffield, Ala.
Twelve view cameras, 4 x 5 with bellows, lensboard, and case; five recessed lensboards; twelve lenses 135 mm. and five lenses 90 mm. mounted in shutters; two film washers; and mounting of twelve lenses in lensboards	Art	Calumet Manufacturing Co., Chicago	2 595 10 delivered
One microscope, wide field, research, with four planapochromat objectives and one apochromatic oil immersion objective, one fluorescence lamp housing with alternate illumination device, and one attachment camera with accessories	Botany	W. H. Kessel & Co., Chicago	4 155 24 f.o.b. delivered
One microscope, high temperature furnace, vacuum heated, with accessories for observation of thermal transition phenomena in metals and investigation of nonmetallic ceramic materials, complete with camera and exposure meter for photomicrography	Ceramic Engineering	Frank E. Fryer Co., Carpentersville	5 303 80 f.o.b. Caldwell, N.J.
One model FPC-5 Flexowriter for five-channel tape and with a 32-character keyboard; this machine is to be used as data preparatory and interpretive equipment for Illiac Computer	Chemistry and Chemical Engineering	Friden, Inc., Peoria	2 780 00 f.o.b. delivered
One microwave signal source power unit, square wave, 10-10,000 pps; power output 14-400 mw; and three plug-in tuning units for ranges 2140 mc. to 11,000 mc.	Chemistry and Chemical Engineering	Polarad Electronics Corp., c/o Loren F. Green & Associates, Chicago	3 808 29 f.o.b. delivered
One toroid winder with two-wire slider shuttles, automatic sector and bank winding, electronic predetermined counter, toroids from .055" I.D. to 2" O.D., speeds from 0-1200 turns per minute	Coordinated Science Laboratory	Gorman Machine Corp., c/o H. G. Pretat, Chicago	2 655 00 f.o.b. delivered
Twelve special power supply modules with heat sink Twelve modified heat sink assemblies Eight negative and eight positive amplifier cards Four over-under cards and six etched wiring card extenders	Digital Computer Laboratory	NJE Corp., c/o Ridgway Associates, Inc., Chicago	21 299 00 f.o.b. delivered
One oscilloscope, 0.35 nanoseconds rise-time, two input channels, sixteen calibrated sweeps 1 nanosecond/cm to 100 microseconds/cm	Digital Computer Laboratory	Tektronix, Inc., Park Ridge	3 630 00 f.o.b. destination, plus transportation from Beaverton, Ore.
Two electric desk calculators with chain multiplication (AxBxC) (a) Two electric desk calculators with single entry squaring (b)	College of Education	Marchant — Division of Smith-Corona Marchant, Inc., Champaign	3 860 00 f.o.b. delivered
One field modulation and control unit, 100 KC, including connecting cable to spectrometer control console	Electrical Engineering	Varian Associates, Palo Alto, Calif.	4 705 00 f.o.b. delivered
One multi-purpose EPR cavity including sweep cable for 100 KC modulation			
One waveguide bend twelve-inch rotating electro-magnet			
One liquid nitrogen dewar insert with six sample tubes for EPR cavity			

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Modifications to ionosonde equipment to raise the accuracy from five parts in 10 ⁶ to five parts in 10 ⁹ , that is, by 100 times	Electrical Engineering	Granger Associates, Palo Alto, Calif.	\$10 050 00 f.o.b. Palo Alto, Calif.
One chromatogram scanner, 4 Pi, completely transistorized, in one piece unit, capable of reducing background noise to less than 10 cpm. for scanning low-energy Beta-emitting radio-isotopes	Entomology	Vanguard Instrument Co., La Grange	2 600 00 f.o.b. delivered
One glassware washer with spindle action for cleaning radioactive contaminated laboratory glassware, complete with accessories	Microbiology	Better Built Machinery Corp., New York, N.Y.	3 865 00 f.o.b. delivered
One spectrophotometer with dual light source, photomultiplier tube, monochromator, and power supply	Physiology	A. S. Aloe of Illinois, St. Louis, Mo.	3 300 00 f.o.b. delivered
One oscilloscope complete with scope-mobile and accessories; 7 nsec. rise-time, 10 nsec./cm to 20 usec/cm sweep range, 24 KV accelerating potential, 1100 cm/usec waiting rate to provide high reading rate, sensitivity and high gain band width	Physics	Tektronix, Inc., Park Ridge	3 500 00 f.o.b. destination, plus transportation charges
One special purpose x-ray generator consisting of a constant potential generator plus associated connections and FA-100 x-ray tube, capable of supplying 100 KV at 25 ma or 50 KV at 30 ma to the x-ray tube	Physics	Philips Electronic Instruments, Chicago	7 215 00 f.o.b. delivered
One microscope, research with stand, universal, with rotatable analyzer Two planapochromatic and one neofluor objectives with accessories	Veterinary Medicine	W. H. Kessel & Co., Chicago	2 942 25 f.o.b. delivered and installed
Five laboratory and research microscopes with five achromatic objectives, one apochromatic oil immersion objective and accessories	Zoology	W.H. Kessel & Co., Chicago	5 514 51 f.o.b. delivered and installed
1,064 study lamps and shades for use in the new Pennsylvania Avenue Residence Hall (SW-2)	Housing Division	Excel Manufacturing Corp., Muncie, Ind.	8 033 20 f.o.b. delivered
Two cash registers, itemizing, continuing eight classification keys, four clerk keys; keyboard capacity of 9,999.99 — total capacity of 99,999.99, "Read Key" to permit taking of cumulative readings of each classification, resetting mechanism to be separate keys for each classification; automatic change dispensers and automatic ejection of change from 25¢, 50¢, and \$1.00	Illini Union	The National Cash Register Co., Danville	5 794 20 f.o.b. delivered
Lounge and seminar room furniture for the Labor and Industrial Relations Building	Institute of Labor and Industrial Relations	Gilbert A. Force Co., Chicago	5 411 35 f.o.b. delivered
Furnish and install wood library shelving and furniture for the Labor and Industrial Relations Building library	Library	James K. Martin, Berwyn — Group I The Milwaukee Chair Co., Milwaukee, Wis. — Group II	1 285 37 873 55
		Blackwell Wielandy Co., St. Louis, Mo. — Group III	2 242 95 (4 401 87) delivered and installed
Furnish and install steel book shelving in the Labor and Industrial Relations Building library as follows: Six ranges, double face, 12 ft. long x 7½ ft. high x 8 in. deep One range, single face, 9 ft. long x 7½ ft. high x 10 in. deep One range, double face, 12 ft. long x 7½ ft. high x 12 in. deep One range, single face, 32½ ft. long x 6 ft. 10 in. high x 12 in. deep 220 book supports, standard size; 75 book supports, folio size	Library	C. S. Brown & Co., Wauwatosa, Wis.	2 791 00 f.o.b. delivered and installed

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Reprint and bind 1,500 copies of <i>National Party Platforms, 1840-1960</i> , by Kirk Porter and Donald B. Johnson, 656 pages per copy, trim size 7¼ in. x 10 in.	University Press	Braun-Brumfield, Inc., Ann Arbor, Mich.	\$ 3 861 00 f.o.b. delivered
One transfer printer for automatic addressing	University Press, Mailing Center	Addressograph-Multi- graph Corp., Central Electronics Division, Chicago	5 300 00 f.o.b. Cleveland, Ohio
One friction feed unit with conveyor stacker			
One shuttle feed unit for addressing magazines			
Two typewriters, automatic, equipped with eight-channel tape punch and reader units and stands	Purchasing	Friden, Inc., Peoria Heights	13 032 00 f.o.b. delivered and installed
Three auxiliary tape readers			
Three auxiliary tape punches			
Three tape winders			
One extended card guide			
1,670,000 envelopes, brown kraft, assorted sizes and types	Office Supply Store	Moser Paper Co., Chicago	9 810 20 f.o.b. delivered
100,428 reams No. 4 sulphite mimeograph bond paper of various sizes and weights for use by both Urbana and Chicago (this is approximately a twelve months' supply with deliveries scheduled in March and July, 1962)	Office Supply Stores, Urbana and Chicago	Hollis & Duncan Co., Chicago	61 673 89 f.o.b. delivered
47 trees, <i>Platanus Acerifolia</i> (London plane), 4 in. to 4½ in. in diameter for Green Street landscaping	Physical Plant	Cultra Nursery Co., Onarga	3 877 50 f.o.b. delivered
Two box panels, 9½ in. wide, two circuits each, 72 volts, including power supply	Physical Plant	The Gamewell Co., Indianapolis, Ind.	3 051 50 f.o.b. delivered
One cabinet section including fluorescent light			
These items are to become a part of the existing Gamewell Central Station fire alarm equipment			
36 tons fertilizer mixture, organic and inorganic, analysis 15-5-5	Physical Plant	Turner Seed & Supply, Villa Grove	4 340 88 f.o.b. delivered
1,000 forged steel drive links for stokers in Abbott Power Plant	Physical Plant	The Babcock & Wilcox Co., Chicago	3 250 00 f.o.b. Barberton, Ohio
Comprehensive aviation liability insurance at limits of \$50,000/250,000 bodily injury and \$50,000 property damage in favor of the Board of Trustees of the University of Illinois for a term of five years on a monthly reporting basis computed on flying hours at the rate of \$.099 per flying hour subject to the following Retrospective Rating Plan based upon loss experience: maximum rate if loss exceeds 90 per cent of premium — \$.1188; or, a minimum rate of \$.0792 if losses do not exceed 10 per cent of premium; deposit premium of \$500 required	Institute of Aviation	Burris & Percifield, Inc., Danville, representing the Ohio Casualty Insurance Co.	1 600 00 estimated annual premium
One Number R985-AN14 Pratt & Whitney aircraft engine for emergency replacement in Twin-Beech Aircraft No. N8058H; less trade-in allowance for old aircraft engine	Institute of Aviation	Remmert-Warner, Inc., St. Louis, Mo.	2 835 00 f.o.b. St. Louis, Mo.
110 stainless steel cat cages, 60 stainless steel mouse cages, one stainless steel monkey cage assembly, with galvanized frames for all cages	Electrical Engineering	Holmes Bros., Inc., Danville	12 347 00 f.o.b. delivered

On motion of Mr. Clement, these purchases were authorized.

**ADDITIONS TO CONTRACTS FOR CONSTRUCTION OF ILLINI UNION
ADDITION, STUDENT SERVICES BUILDING, ASSEMBLY HALL,
AND LABOR AND INDUSTRIAL RELATIONS BUILDING**

(34) The Director of the Physical Plant and the Vice-President and Comptroller recommend authorization of the following changes in construction contracts:

Illini Union Addition: An increase in the contract with Felmley-Dickerson Company of.....\$28 065 03

To furnish the necessary material and labor to revise the steam distribution system serving cafeteria cooking equipment. These changes result from recommendations of the University's Safety Coordinator, the Superintendent of Utilities, and the operating staff of the Illini Union.

Student Services Building: An increase in the contract with Cunningham Electric Company, Anna, Illinois of..... 6 352 11

For electrical work to add a buzzer light system for the second floor. This installation was in the original planning but was excluded from the electrical contract when it was awarded because of the uncertainty of adequate funds being available. Since sufficient funds are now available, the installation is being reinstated.

Assembly Hall: An increase in the contract with Felmley-Dickerson Company of 39 853 80

For air conditioning of three areas of the Assembly Hall, one of which will include the reception, lounge, dining, kitchen, and office spaces; another the dressing rooms and backstage operational quarters, and the third, the television studio. These installations were included in the original plans and specifications but were deferred to keep the total contract commitments within the available funds. The additional financing proposed will provide the necessary funds for this improvement.

Labor and Industrial Relations Building: Increases in the contract with English Brothers Company of..... 12 665 88

To reinstate items which were omitted when the contract was let because of the uncertainty that sufficient funds would be available, including painting of concrete ceilings and masonry walls, installation of resilient flooring and rubber base in twenty-eight rooms, and installation of venetian blinds for north and south walls and in three rooms.

I concur.

On motion of Mrs. Watkins, these changes in contracts were authorized, as recommended.

**ADDITION TO CONTRACT FOR ARCHITECTURAL SERVICES
ON UNION BUILDING AT CONGRESS CIRCLE**

(35) The Director of the Physical Plant and the Vice-President and Comptroller request approval of a change in the contract with C. F. Murphy Associates (formerly Naess and Murphy) for architectural services for the Union Building at Congress Circle to include authorization to employ the firm of Fred Schmid Associates, Chicago, as consultants on food service facilities to be included in this building. It is estimated the cost of such services will not exceed \$12,500.

I concur.

On motion of Mr. Johnston, this change in the contract was authorized.

EASEMENTS TO ILLINOIS BELL TELEPHONE COMPANY

(36) The Director of the Physical Plant and the Vice-President and Comptroller recommend that the Illinois Bell Telephone Company be granted permission to lay telephone cables across the north ten feet of the University's parking lot at 1008 South Fifth Street, Champaign, between the north curb of the parking lot and the north property line; and on University property on the south side of Nevada Street between Mathews and Goodwin Avenues, Urbana.

I concur and recommend adoption of the following resolutions:

Resolution

Be It, and It Hereby Is Resolved by this Board of Trustees of The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, that the Comptroller and the Secretary of this Board of Trustees be, and they hereby are, authorized to execute, acknowledge, and deliver in the name and on behalf of this Corporation such instruments of conveyance, contract, or other document or documents as to them may seem necessary or desirable in order to

grant to Illinois Bell Telephone Company, an Illinois corporation, hereinafter referred to as "Grantee," its successors and assigns, the right and easement to lay, operate, and maintain a communication cable for the transmission of telephonic signals under and through the land hereinafter described and the right of ingress to and egress therefrom. Grantee shall agree to repair any damage to property of this Corporation by the laying, construction, reconstruction, operation maintenance, renewal, or removal of said cable, and Grantee shall further agree to relocate said cable at its expense if and when said cable would interfere with any construction undertaken by this Corporation during the term of the right-of-way easement to be hereunder granted. The right-of-way easement shall terminate ninety (90) days after Grantee ceases to use said transmission line for rendition of service. The right-of-way easement shall be over the following-described property:

The North ten (10) feet of lot 1 in Ben Baer's Addition to the City of Champaign, situated in the City of Champaign, County of Champaign, and State of Illinois.

On motion of Mr. Swain, this resolution was adopted, without dissent.

Resolution

Be It, and It Hereby Is Resolved by this Board of Trustees of The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, that the Comptroller and the Secretary of this Board of Trustees be, and they hereby are, authorized to execute, acknowledge, and deliver in the name and on behalf of this Corporation such instruments of conveyance, contract, or other document or documents as to them may seem necessary or desirable in order to grant to Illinois Bell Telephone Company, an Illinois corporation, hereinafter referred to as "Grantee," its successors and assigns, the right and easement to lay, operate, and maintain a communications cable for the transmission of telephonic signals under and through the land hereinafter described and the right of ingress to and egress therefrom. Grantee shall agree to repair any damage to property of this Corporation by the laying, construction, reconstruction, operation, maintenance, renewal, or removal of said cable, and Grantee shall further agree to relocate said cable at its expense if and when said cable would interfere with any construction undertaken by this Corporation during the term of the right-of-way easement to be hereunder granted. The right-of-way easement shall terminate ninety (90) days after Grantee ceases to use said transmission line for rendition of service. The right-of-way easement shall be over the following-described property:

The South Three (3) feet of the East Thirty-five (35) feet of Lots Four (4) and Five (5) in Block Four (4) of Nina B. Bronson's Subdivision of part of the East Half of the Southwest Quarter of the Northeast Quarter of Section Eighteen (18), Township Nineteen (19) North, Range Nine (9) East of the Third Principal Meridian, situated in the County of Champaign, in the State of Illinois.

On motion of Mr. Swain, this resolution was adopted, without dissent.

COMPTROLLER'S REPORT OF CONTRACTS

(37) The Comptroller's report of contracts executed during the period January 1 to 31, 1962.

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
City of Clinton	Recreation and parks survey	\$ 600 00	November 20, 1961
National Aeronautics and Space Administration NsG 228-62	Radiation effects in semiconductors	147 000 00	January 1, 1962
Space Technology Laboratories, Inc.— subcontract under AF 33(616)6775	Produce high mass density beams of charged heavy particles suitable for use as a working fluid of a thrust producing device	8 924 00	March 1, 1961
State of Illinois Department of Mental Health, Project No. 1794	Role of the proteins of the brain in normal and abnormal brain functions	34 294 00	December 14, 1961

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
United States Air Force AF-AFOSR 62-126	Transistor — RC network synthesis	\$ 26 100 00	December 1, 1961
United States Air Force AF-AFOSR 62-245	Matrix isolation and mass spectrometric studies of species produced in a shock tube	50 489 00	January 1, 1962
United States Air Force AF 29(601) 4993	Evaluation of tunnel liners	60 000 00	November 22, 1961
United States Air Force AF 33(657) 7422	High temperature resistant inorganic structural adhesives with metals	35 000 00	October 1, 1961
United States Army DA 49-193 MD2212	Study on antiradiation drugs	10 114 00	November 1, 1961
United States Atomic Energy Commission AT (11-1) 1113	Nuclear magnetic resonance in the study of the properties of metal	47 505 00	November 1, 1961
United States Atomic Energy Commission AT (11-1) 1124	Structural changes in metals due to annealing after deformation	41 685 00	January 1, 1962
United States Department of Health, Education, and Welfare OE 2-12-006	Plan of operation for a counseling and guidance training institute	99 050 00	January 2, 1962
United States Navy Nobsr-85243	Wide aperture direct finder system	50 000 00	March 3, 1961
United States Navy Nonr-1834 (39)	Structure of individual differences in psychological phenomena	20 299 00	September 1, 1961
<i>Total</i>		<u>\$631 060 00</u>	

Leases

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>	<i>Effective Date</i>
International Harvester Co.	Lease of farm machinery—one forage feeder; one tractor trailer	\$ 196 61	August 22, 1961
MacCarthy Ford Tractor Sales, Inc.	Rental of farm machinery — two items: \$48.00 and \$342.30	390 30	June and July, 1961
University of Illinois Foundation	Rental of second floor of 601, 603, and 605 East Green Street, Champaign, from October 1, 1961, through June 30, 1963	12 600 00 (600.00 per month)	October 1, 1961
<i>Total</i>		<u>\$ 13 186 91</u>	

Contract Changes

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
Agency for International Development (formerly International Cooperation Administration) ICAc 1453-2	Technical advice and assistance requested by government of India	\$150 000 00	December 20, 1961
National Aeronautics and Space Administration NsG 13 59	Flow mechanism and heat transfer in separated flows	43 015 00	June 1, 1961
Reinforced Concrete Research Council	Multiple panel reinforced concrete floor slabs	7 500 00	December 29, 1961
State of Illinois Cities, Villages, and Towns Commission	Revisions of the <i>Illinois Municipal Code</i>	25 000 00	November 11, 1961
United States Air Force AF 19 (604) 7473	Basic properties of gaseous plasmas	100 000 00	December 11, 1961
United States Air Force AF 29 (601) 2390	Confidential	20 000 00	January 15, 1962
United States Army DA ARO (D) 31-124-G155	Stabilization effects in binary and ternary alloy systems of the transition elements	26 878 00	December 19, 1961
United States Army DA 11-070 ORD 593	Launcher dynamics and rocket launcher design	14 849 00	December 18, 1961
United States Army DA 19-129 QM 1709	Influence of tomato constituents on flavor of irradiated meat	15 630 00	December 7, 1961
United States Army DA 36-039 SC 78313	Microwave duplexer switching mechanism	9 614 80	December 29, 1961
United States Army DA 36-039 SC 85122	Techniques for military applications	250 000 00	January 12, 1962

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
United States Atomic Energy Commission AT (11-1) 415	Unclassified research on electronic high-speed digital computers	\$373 000 00	December 6, 1961
United States Atomic Energy Commission AT (11-1) 1018	Pattern recognition and data handling problems arising in the analysis of bubble chamber photographs of high energy particle events	174 194 00	December 6, 1961
United States Navy N 600 (22) 57197	Instruction for Naval R.O.T.C. officers	3 500 00	November 7, 1961
United States Navy Nobs 77008	Low-cycle, high-stress fatigue behavior of materials and structural components of steels, typical of ship application	30 000 00	December 15, 1961
United States Navy Nobsr-85243	Construct a scale model of the wide band, wide aperture, direction-finder antenna array	139 688 00	December 5, 1961
United States Navy Nonr-1834 (13)	Radiofrequency spectroscopy	60 000 00	December 8, 1961
United States Navy Nonr-1834 (18)	Variety of topics in number theory	19 965 00	August 15, 1961
United States Navy Nonr-1834 (22)	Radio astronomy	100 518 00	July 31, 1961
United States Navy Nonr-1834 (23)	Theory of group representations	15 335 00	September 15, 1961
United States Navy Nonr-1834 (25)	Chemical behavior of subgrain boundaries in metals and alloys	6 500 00	August 15, 1961
United States Navy Nonr 1834 (26)	Plastic deformation of solids	17 500 00	August 31, 1961
United States Navy Nonr 1834 (32)	Structure of turbulent velocity and pressure fluctuations in the boundary layer	21 924 00	September 30, 1961
United States Navy Nonr 1834 (37)	Mechanism of antibody formation in the pig	26 695 00	October 31, 1961
<i>Total</i>		<u>\$1 651 305 80</u>	

Adjustments Made in 1961-62 Cost-Plus Contracts

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>	<i>Date</i>
E. T. Drewitch (Plastering)	Fifty-three items: \$255.00 deduct to \$1,275.00	\$ 2 740 06	December, 1961, and January, 1962
M. E. Hollett (Painting)	Two items: \$360.60 and \$930.95	1 291 55	December, 1961, and January, 1962
<i>Total</i>		<u>\$ 4 031 61</u>	

This report was received for record.

QUARTERLY REPORT OF THE COMPTROLLER

(38) The Comptroller presented his quarterly report to the Board as of December 31, 1961.

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

SALES AND PURCHASES OF SECURITIES

(39) In its semi-annual review of the assets of the University's endowment funds, the First National Bank of Chicago recommended the sale of 750 shares of J. C. Penney Company common stock and reinvestment of the proceeds in approximately 1,500 shares of Tennessee Gas Transmission common. The Finance Committee of the Board has approved this recommendation.

The University received 175 shares of Avnet Electronics Corporation common stock from the Shaw Process Development Company as a gift to support research in foundry work in the Department of Mechanical and Industrial Engineering.

Six shares of Standard Oil Company of New Jersey common stock were also received as a dividend from Standard Oil Company of Indiana, to be credited to the general endowment income account.

The First National Bank of Chicago recommends sale of these securities. The Finance Committee has approved the sale of the Avnet stock. The Board has approved the sale of Standard Oil of New Jersey in previous dividends of this kind.

The University of Illinois Foundation received one share of Owens-Corning Fiberglas Corporation common stock as a gift for the Faculty Center. The Executive Committee of the Foundation has approved the sale of this stock and applying proceeds to the purpose of the gift. Since the stock is registered in the name of "University of Illinois," it will be necessary to have authorization of the Board of Trustees for its sale.

Submitted herewith are the resolutions required to authorize these transactions.

On motion of Mr. Swain, the following resolutions were adopted, without dissent.

Resolution

WHEREAS, the Board of Trustees of the University of Illinois is the owner of 750 shares of J. C. Penney Company common stock, and

WHEREAS, the Finance Committee of that Board has determined that it is advantageous to sell such security,

Now, Therefore, Be It Resolved by the Board of Trustees of the University of Illinois that such security be sold and that H. O. Farber, Comptroller, and A. J. Janata, Secretary, be authorized to execute all documents necessary to complete such sale.

Resolution

WHEREAS, the Board of Trustees of the University of Illinois is the recipient of a gift of 175 shares of Avnet Electronics Corporation common stock in the name of the University of Illinois and owns 6 shares of Standard Oil of New Jersey common stock, and

WHEREAS, the Finance Committee of said Board has determined that it is advantageous to sell the above securities,

Now, Therefore, Be It Resolved by the Board of Trustees of the University of Illinois that these securities be sold and that H. O. Farber, Comptroller, and A. J. Janata, Secretary, be authorized to execute all documents necessary to complete such sales.

Resolution

WHEREAS, one share of Owens-Corning Fiberglas Corporation common stock is registered in the name of "University of Illinois," and

WHEREAS, such stock was received as a gift toward a project of the University of Illinois Foundation, and

WHEREAS, the Executive Committee of the University of Illinois Foundation has determined that it is advantageous to sell such security,

Now, Therefore, Be It Resolved by the Board of Trustees of the University of Illinois that this security be sold and that H. O. Farber, Comptroller, and A. J. Janata, Secretary, be authorized to execute all documents necessary to complete such sale.

INVESTMENT REPORT

Report of the Finance Committee

(40) The Finance Committee reported the following changes in investments of trust funds from October 1 through December 31, 1961:

URBANA-CHAMPAIGN

Endowment Funds

Sale

500 shares	Abbott Laboratories common stock	\$	33 873 52
624 shares	Continental Insurance common stock		41 243 62
10 shares	Standard Oil Company of New Jersey common stock		437 34

Subscription

13 shares	Northern Natural Gas common stock		455 00
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Purchase				
340 shares	Merck and Company common stock			\$ 27 342 08
400 shares	Upjohn Company common stock			21 915 83
\$ 2 000	Federal National Mortgage	4 $\frac{1}{4}$ %	6/12/73	2 002 50
14 000	National Fuel Gas	4 $\frac{7}{8}$ %	5/1/86	14 595 00
5 000	U. S. Treasury notes	3 $\frac{1}{4}$ %	8/15/62	5 020 31

Current Funds

Sale				
\$ 500 000	U. S. Treasury notes	3 $\frac{1}{4}$ %	2/15/62	\$ 500 781 25
1 500 000	U. S. Treasury certificates	3%	5/15/62	1 500 937 50

Purchase				
\$ 500 000	U. S. Treasury bills		12/7/61	\$ 498 800 00
500 000	U. S. Treasury bills		12/28/61	499 387 50
400 000	U. S. Treasury bills		1/11/62	398 366 67
900 000	U. S. Treasury bills		1/25/62	896 178 19
500 000	U. S. Treasury bills		2/1/62	498 032 22
500 000	U. S. Treasury bills		3/1/62	497 013 33
700 000	U. S. Treasury bills		3/22/62	692 931 17
800 000	U. S. Treasury bills		4/26/62	789 300 89
1 000 000	U. S. Treasury notes	3 $\frac{1}{4}$ %	8/15/62	1 002 500 00

Report of the Comptroller

The Comptroller reports the following changes in unexpended plant investments, over which he has authority as shown:

URBANA-CHAMPAIGN**Construction Funds**

Student Services Building Construction Fund as authorized under Board of Trustees resolution dated May 17, 1961.

Purchase				
\$ 55 000	U. S. Treasury bills		12/21/61	\$ 54 888 84
112 000	U. S. Treasury bills		3/15/62	111 260 26

Pennsylvania Avenue Construction Fund as authorized under Board of Trustees resolution dated June 21, 1961.

Sale				
\$ 370 000	U. S. Treasury notes	3 $\frac{1}{4}$ %	2/15/63	\$ 370 462 50
Exchange				
\$ 370 000	U. S. Treasury bonds	2 $\frac{1}{2}$ %	11/15/61 for	
370 000	U. S. Treasury notes	3 $\frac{1}{4}$ %	2/15/63.	

Purchase				
\$ 45 000	U. S. Treasury certificates	3%	5/15/62	\$ 45 056 25
150 000	U. S. Treasury bills		3/15/62	148 523 88

Illini Union and Health Center as authorized under Board of Trustees resolution dated December 21, 1960.

Sale				
\$ 650 500	U. S. Treasury bonds	2 $\frac{1}{2}$ %	11/15/61	\$ 651 719 69
50 000	U. S. Treasury bills		12/14/61	49 973 13
30 000	U. S. Treasury bills		1/15/62	29 961 33

Purchase				
\$ 300 000	U. S. Treasury bills		11/16/61	\$ 299 858 33
350 000	U. S. Treasury bills		11/24/61	349 702 50
100 000	U. S. Treasury bills		4/12/62	99 068 33
160 000	U. S. Treasury bills		4/19/62	158 148 62
230 000	U. S. Treasury bills		7/15/62	225 996 53

Housing Revenue Bonds of 1960 Series A (Orchard Downs) as authorized under Board of Trustees resolution dated June 14, 1960.

Sale				
\$ 243 000	U. S. Treasury bonds	2 $\frac{1}{2}$ %	11/15/61	\$ 243 455 63
90 000	U. S. Treasury notes	3 $\frac{1}{4}$ %	8/15/62	90 225 00
45 000	U. S. Treasury bonds	2 $\frac{1}{2}$ %	11/15/61	45 028 13

Purchase

\$ 93 000	U. S. Treasury bills	11/16/61	\$ 92 956 08
150 000	U. S. Treasury bills	11/24/61	149 872 50
178 000	U. S. Treasury bills	1/18/62	177 451 80

Housing Revenue Bonds of 1959 Series C and D (Peabody Drive) as authorized by Board of Trustees resolution dated October 21, 1959.

Purchase

\$ 50 000	U. S. Treasury bills	12/21/61	\$ 49 829 38
330 000	U. S. Treasury bills	1/18/62	328 607 58
80 000	U. S. Treasury bills	2/15/62	79 699 33

Assembly Hall Revenue Bonds as authorized by Board of Trustees resolution dated June 23, 1959.

Purchase

\$ 30 000	U. S. Treasury bills	3/15/62	\$ 29 825 70
385 000	U. S. Treasury certificates	3% 5/15/62	385 360 94
360 000	U. S. Treasury notes	3¼% 8/15/62	360 900 00

Housing Revenue Bonds of 1959 Series B (Graduate Housing) as authorized by Board of Trustees resolution dated June 23, 1959.

Purchase

\$ 12 000	U. S. Treasury bills	11/30/61	\$ 11 976 67
12 000	U. S. Treasury bills	1/11/62	11 966 40

Housing Revenue Bonds of 1958 as authorized by Board of Trustees resolutions dated December 17, 1958, and March 12, 1959.

Purchase

\$ 35 000	U. S. Treasury bills	11/30/61	\$ 34 931 94
30 000	U. S. Treasury bills	1/11/62	29 916 00

Sinking Funds

Housing Revenue Bonds Sinking Fund as authorized by Board of Trustees resolutions dated December 17, 1958, June 23, 1959, October 21, 1959, and June 14, 1960

Purchase

\$ 5 000	U. S. Treasury bills	2/1/62	\$ 4 974 33
32 000	U. S. Treasury bills	3/15/62	31 737 92

Men's Residence Halls Revenue Bonds of 1957 Sinking Fund as authorized by Board of Trustees resolutions dated March 12, 1957, and November 18, 1959.

Purchase

\$ 23 000	U. S. Treasury bills	3/22/62	\$ 22 844 75
3 000	U. S. Treasury notes	3¼% 8/15/62	3 019 69

Women's Residence Halls Revenue Bonds of 1956 Sinking Fund as authorized by Board of Trustees resolution dated September 18, 1956.

Purchase

\$ 4 000	U. S. Treasury bonds	2½% 8/15/63	\$ 3 967 50
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Men's Residence Halls Revenue Bonds of 1956 Sinking Fund as authorized by Board of Trustees resolutions dated March 23, 1956, and September 18, 1956.

Purchase

\$ 7 000	U. S. Treasury notes	3¼% 8/15/62	\$ 7 028 44
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Reserve for Additional 1952 Bonds as authorized by Board of Trustees resolution dated December 16, 1953.

Exchange

\$ 74 000	U. S. Treasury bonds	2½% 11/15/61 for	
74 000	U. S. Treasury bonds	3⅞% 11/15/74.	

Assembly Hall Revenue Bonds Sinking Fund as authorized by Board of Trustees resolution dated June 23, 1959.

Purchase

\$ 24 000	U. S. Treasury bills	3/23/62	\$ 23 733 40
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CHICAGO

Dentistry-Medicine-Pharmacy Auxiliary Investments

Purchase

\$ 150 000	U. S. Treasury bills	2/8/62	\$ 149 109 00
250 000	U. S. Treasury bills	5/10/62	246 777 00

Laundry Operations

Purchase

\$ 7 000 U. S. Treasury bills 1/11/62 \$ 6 958 21

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

At this point, Mr. Hughes joined the meeting.

**FINAL SETTLEMENT OF CONTRACT WITH WALSH BROS. INC.
FOR CONSTRUCTION OF EAST DENTISTRY-MEDICINE-
PHARMACY BUILDING**

(41) Walsh Bros. Inc., Chicago, was the general contractor for the construction of an addition to the East Dentistry-Medicine-Pharmacy Building completed in 1957 at a total cost of \$985,000; the amount of the general contract plus additions authorized during construction was \$335,867.01.

Disputes arose concerning final settlement of the contract with Walsh Bros. Inc. when the work was completed and the balance due under the contract was \$52,852.71. Walsh Bros. Inc. claimed an additional payment of \$23,504.03 for damages due to alleged delays incurred in the construction; the University had counterclaims amounting to \$4,162.71.

Since completion of the building, these claims have been under negotiation. The firm of Walsh Bros. Inc. has now agreed to accept the \$52,852.71 due under the contract, plus \$162.22 for additional labor required as a result of roof damage.

The Director of the Physical Plant and the Vice-President and Comptroller recommend approval of this settlement and that an appropriation of \$53,014.93 be made from the General Reserve for this payment.

I concur.

On motion of Mr. Johnston, this settlement was approved, as recommended, and an appropriation of \$53,014.93 was made from the General Reserve for this purpose. This action was taken by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Kerner, Mr. Wilkins.

**POLICIES GOVERNING STUDENT HOUSING AND MEMBERSHIPS
IN STUDENT ORGANIZATIONS**

(42) Two proposals have come to me from the Urbana-Champaign Senate Committee on Student Affairs and both deal with the general subject of discrimination. Although the full text of both follows (Appendix A), the major action called for can be stated as follows: that deadlines be established within which (1) operators of non-University operated rooming houses will endorse a nondiscriminatory policy as to race; and (2) fraternities and sororities will affirm that membership selection is based on criteria other than race.

In each case compliance would be a condition for University approval or recognition. The deadlines suggested by the Committee are September, 1963, for Item 1; and September, 1965, for Item 2.

You will find in Appendix B a brief narrative of actions and policies of the University of Illinois concerning discrimination in recent years. Noted there is the record of the Board of Trustees in support of the elimination of discrimination, the University's traditional commitment to nondiscriminatory procedures, and the statement of the Board of Trustees in 1946 which directed the officers of the University to continue to "favor and strengthen those attitudes and social philosophies which are necessary to create a community atmosphere in which race prejudice can not thrive."¹ It is evident that during the past few years the University has attempted to procure, on a voluntary basis, full compliance with its own objectives, procedures, and policies with reference to nondiscriminatory treatment of students.²

In considering the two recommendations from the Committee on Student Affairs, it is clear that, even though both relate to discrimination, in reality they

¹ Meeting of September 24, 1946, *Transactions of the Board of Trustees*, page 54.

² Attached as Appendix C is a resolution from the Urbana Chapter of the American Association of University Professors with correspondence pertaining thereto. (Copies of the resolution and related correspondence were filed with the Secretary for record. — Secretary's Note)

are different proposals and require separate analysis. For example, on the one hand, the University requires undergraduate students to live in approved housing. Housing regulations have developed naturally from that requirement and the University's obligation to provide equal opportunity can be clearly defined. On the other hand, we do not require students to affiliate with student organizations. We have definite responsibilities here too, but the best means of fulfilling them is not necessarily the same or as readily determined.

It should also be noted that both proposals involve racial discrimination only. Yet, the University is opposed, in philosophy and practice, to other forms of discrimination as well, including those based on creed or religion and national origin.

Of the two proposals, I believe that clear action with respect to commercial housing can be taken at this time and I offer comment and a recommendation in the section immediately following. The proposal as to fraternities and sororities is more complex and by implication involves all student organizations and other bases of social discrimination than race. I should like to deal with that subject in a later section. In each case the conclusions offered take into account a careful study of both questions and my consultation with appropriate officers of the University.

Commercially-Operated Rooming Houses

The housing of students for many years has been viewed as a matter in which the University has a responsibility. For example, as early as 1940, standards were established to insure that facilities met University standards as to "health, safety, comfort, moral surroundings, study conditions, social facilities, and reasonableness of charge."

Under present regulations all single undergraduate students must live in housing approved by the University as being in accord with its standards.

As revised March 16, 1960, Section IX of the Code of Fair Educational Practice reads as follows:

The University administration encourages nondiscriminatory practices in commercially-operated rooming houses. However, health, safety, and moral standards are recognized as the basic criteria for approved housing.

The University administration encourages those who serve the general student body to treat all students alike, regardless of race, creed, or national origin.

The University will approve no new privately-operated student rooming house unless the owner agrees to make its facilities available to all students without discrimination with respect to race or religion. When ownership of presently approved housing changes, University approval will be continued only if the new owner agrees to make its facilities available to all students without discrimination with respect to race or religion. These provisions do not apply to a house which is the private home of the owner and in which no more than three rooms are rented.

The first two paragraphs quoted above represent the version of September 15, 1958. The third paragraph was added on March 16, 1960. The 1960 action was approved as a practical step toward attaining greater compliance with the University's stated objective, without applying a new standard retroactively to house owners who entered the housing business before that standard was stated as a condition of University approval. The move was also thought to be an additional encouragement to voluntary compliance.

The Urbana-Champaign Senate Committee on Student Affairs now proposes that "University approval be denied to all non-University operated rooming houses which have not endorsed a nondiscriminatory policy (as to race) by September of 1963." The Committee also proposes that in the meantime the University make further efforts to encourage voluntary conformity to the policy of nondiscrimination.

The Office of Off-Campus Housing has supplied data which reflect the changes in voluntary compliance during the most recent rental periods. In terms of housing units, in March, 1960, 8 per cent (a total of twenty) stated that they were non-discriminatory, while 25 per cent (sixty-four houses) had submitted such statements by January 30, 1962.

¹ Meeting of February 16, 1940, *Transactions of the Board of Trustees*, pages 753-754.

The picture in terms of the total numbers of student living spaces is more significant. Whereas only 26 per cent of the total spaces was available on a non-discriminatory basis in March, 1960 (848 spaces), the percentage has increased to 49 per cent at the present time (1,862 spaces). Percentagewise, the greatest gain was made in houses for women, although the total number of spaces available for women is relatively small as compared with the total for men.

The gains reflected in these comparative figures lend some support to the University's position that encouragement of voluntary compliance will reduce discrimination (combined with the policy of nonapproval of new houses or houses that change ownership if discrimination is practiced). However, a total of 194 housing units with some 1,932 student spaces (the latter representing 51 per cent of such spaces available for undergraduates) is still operated on a presumed discriminatory basis. While continuing progress toward compliance with University policy may be anticipated, it is now obvious that many years would elapse before nondiscrimination would voluntarily be accepted completely as the practice.

Thus, I believe that the time has arrived when the University should specify a date within which owners or operators of commercially-operated rooming houses will be expected to meet the standards which the University applies to its own housing and I recommend that the Code of Fair Educational Practice be amended so that University approval will be denied to such houses which have not, by September 1, 1965, indicated that their facilities are available to all students, without regard to race, creed, or national origin.

You will note that the recommendation is broader than that offered by the Committee on Student Affairs, applying as it does not only to race but to creed and national origin as well. The broader scope is in accord with our general University philosophy and responsibility and is consistent with past actions and positions on this subject (cf. Appendix B).

The exception to the requirement recommended should be, I believe, the one applied in March, 1960, to houses which are the private homes of the owners and in which no more than three rooms are rented. This exception would not result in a material loss of student living spaces. There are sixty-three such homes with a total capacity of 157 student spaces, a capacity which represents 4 per cent of the total spaces. We will, of course, continue to seek voluntary compliance with University policies from among these owners.

Although the Senate Committee proposed September, 1963, as an effective date for the application of the new standard, I believe that September, 1965, is a fair deadline. It allows three years for rooming house operators or owners to adjust or make other arrangements for their property. It also allows the University time to build additional housing units if needed to offset any withdrawal of housing as a result of the action here described.

I suggest that your action on the recommendation before you be the adoption of the following statement of policy, which may then be implemented through appropriate amendments to the regulations governing approval of housing for students:

Statement of Policy

The Board of Trustees of the University of Illinois reaffirms its position that discriminatory practices based on considerations of race, creed, or national origin affect the general welfare of its students and are detrimental to a proper educational environment. So far as may be practicable and consistent with its paramount obligation to provide appropriate facilities for higher education of qualified students, the Board will discourage, limit, or seek to eliminate student involvement in such discriminatory practices. The Board now deems it appropriate to particularize this policy further as it relates to the housing of students at the Urbana-Champaign campus. It is therefore determined that:

From and after September 1, 1965, single undergraduate students will not be permitted to reside in commercially-operated rooming houses in which the occupants are selected on the basis of race, creed, or national origin. There may be excepted from the foregoing a residence in any facility which is the private home of the landlord and in which no more than three rooms are rented.

On motion of Mr. Dilliard, the statement was amended by the addition of the following sentence: "It is to be hoped that full compliance will be achieved on a voluntary basis long before the 1965 date."

On motion of Mr. Johnston, this statement of policy, as amended, was adopted; and the recommendation of the President with respect to further consideration of policies affecting student organizations, as presented below, was approved.

Student Organizations

The Code of Fair Educational Practice, a codification issued in 1958, reads as follows:

The problem of restrictive clauses in the constitution and by-laws of student social organizations is primarily a student problem and therefore should be solved by the students concerned. However, the University encourages student organizations to eliminate qualifications based on race, creed, or national origin.

The University may make the information which it gathers in connection with the registration of students available to authorized representatives of student organizations. It does not supply information concerning the race, creed, or national origin of students for the specific purpose of membership selection by student social organizations.

Later, the Interfraternity Council and Panhellenic groups voted not to admit any new organizations with discriminatory restrictions, and the Code on Student Affairs (as distinguished from the Code on Fair Educational Practice) was amended on October 1, 1959, to include the following statement:

No new student organization which has a clause restricting membership on the basis of race, religion, or national origin, shall be granted University recognition.

In the meantime, fraternities and sororities were advised that the University would expect periodic reports on their progress in eliminating discriminatory clauses or policies and were alerted to the depth of the University's concern about the matter.

At the time of the adoption of the Code of Fair Educational Practice in 1958, there were four fraternal organizations on the Urbana campus governed by restrictive clauses or acknowledged policies in national constitutions with regard to race. Three of the four have since changed their constitutions at national conventions either to eliminate the discriminatory clause or to provide waivers of the application of the clause where conditions warrant such waivers for individual chapters. Hence, at present there is but one organization about which we are in doubt in this matter. This is indicative of substantial accomplishment and it would seem unfortunate now to invoke a terminal ultimatum for one organization; indeed, I feel that we can expect full compliance without waiting overly long.

However, the proposal of the Senate Committee on Student Affairs would require a statement of affirmation from each fraternity and sorority that membership selection is based on criteria other than that of race. This is a proposal which would not reflect consistency or fairness in University policies: the restriction is limited to fraternal organizations, making no mention of the numerous other student associations; and the restriction is limited to race.

As noted earlier, the Code on Student Affairs now precludes recognition of any *new* organization which restricts membership on the basis of race, religion, or national origin. The question, then, is essentially — shall *existing* student organizations be required to eliminate all similar qualifications for membership?

A brief review of existing student organizations will suggest the dimensions of the problem: There are at the University a variety of established religious associations for students which require a specific church affiliation for membership. There are student houses, halls, and cooperatives with religious ties. There are student groups created by various nationality groups which require a specific national origin for full membership privileges. Finally, fraternities and sororities may require religious commitment in their rituals; occasionally religious symbols and other affirmations are involved in fraternal activity.

This organizational pattern represents the development of groups with mutual interests over many years. Where there are requirements of the type I have mentioned, many have been stated with no intent to discriminate unfairly but in

the natural manner of a group with common interests stating its membership qualifications in terms of the cultural and educational purposes and interests of the organization, be they Lutheran, Catholic, African, Jewish, Indian, etc.

While I believe fully in the general intent of the Senate Committee to work against discriminatory practice wherever it is found, and have approved administratively the implementation of the educational steps suggested to gain voluntary compliance with University objectives by all student organizations, the present proposal is inadequate and unsound.

I believe, however, the University has the duty to make a comprehensive effort to clarify the purposes of existing student organizations as distinguished from membership requirements. The provisions of the Student Code insure that we shall not compound the problem by establishing new organizations without study of their charters on this point at the time of establishment. To some extent, then, a study of purposes has been going on by this means. We have found that organizations frequently are able and willing to hold to their basic purposes, yet welcome association with students who are interested in those purposes but who are not members of the specific religion or national group involved.

What is needed now is a period of study of voluntary association to develop a University-wide pattern and a guidance program, fair to all and consistent with the spirit of the University's philosophy of nondiscrimination.

Therefore, because I am unwilling to deal with the question of racial discrimination alone; and because I do not have before me a plan capable of applying a consistent and equitable enforcement of regulations pertaining to race, creed, or national origin in all student organizations — I am asking the Senate Committee on Student Affairs to give further consideration to this subject.

DAVID D. HENRY
President

Appendix A. Recommendations of the Committee on Student Affairs' Sub-Committee on Housing Discrimination

As a result of its study on racial discrimination, the Committee on Student Affairs recommends that:

SECTION I. OFF-CAMPUS HOUSING

1. A letter be sent to operators and/or owners of non-University owned residence halls and rooming houses to encourage their voluntary operation on a policy of nondiscrimination toward race. This letter would:
 - a. List by name the houses which have signed the nondiscriminatory pledge;
 - b. Include a statement that racial integration has met with student approval and has not affected the successful operation of these houses;
 - c. Commend those house operators following a nondiscriminatory policy;
 - d. Encourage house operators who have held back in fear of financial loss to integrate their houses.
2. Students be encouraged to take the responsibility of educating the house directors, owners, and students so that voluntary action will follow.
3. University approval be denied to all non-University-operated rooming houses which have not endorsed a nondiscriminatory policy by September of 1963.

SECTION II. THE GREEK SYSTEM

4. The Greek system be encouraged to:
 - a. Discuss fraternity and sorority responsibilities regarding the discrimination problem;
 - b. Work to create an atmosphere conducive to inter-group relations;
 - c. Observe criteria for selection of members solely on the basis of individual worth and without regard to racial distinction.
5. The University:
 - a. Issue a definite statement declaring its opposition to all national and local policies of discrimination based on race;
 - b. Notify all local, national, and alumni groups of this statement.
6. The Committee recommends that all the above measures be adopted regarding race by September 1, 1965; and that the University withdraw recognition from any chapter that has not endorsed a policy of nondiscrimination. This would be interpreted as a statement duly signed in good faith by local chapter members affirming membership selection based on criteria other than racial distinction.

Appendix B. The University of Illinois and Discrimination: Actions and Policies

Over a period of years the University has sought to sustain its abiding commitment to nondiscriminatory practices which involve its students.

This commitment was reaffirmed in 1946 when the Board of Trustees confirmed the University's obligation "to provide facilities for higher education for all qualified young people who may choose these facilities rather than the facilities of other colleges and universities." At the same time, the Trustees stated, the University "will expect to expand the use of its present facilities and of any new facilities it may secure by the addition of University-owned and operated housing to which its own standards of health and of social and moral conduct can be applied." Further, in the statement of 1946 the Trustees directed the officers of the University to "continue a policy of long standing which will favor and strengthen those attitudes and social philosophies which are necessary to create a community atmosphere in which race prejudice cannot thrive."¹

Implementation of the commitment noted has been carried out in a number of ways.

Commercially-Operated Rooming Houses

For a long time the University has depended upon a large measure of commercially-operated housing for students. In 1939 an Office of Housing was established and in 1940 the Board of Trustees adopted policies and procedures by which facilities might be inspected and approved and set up standards which approved housing would be required to meet. The standards covered such areas of concern as "health, safety, comfort, moral surroundings, study conditions, social facilities, and reasonableness of charge."² In recent years all single undergraduate students have been required to live in approved housing.

In August, 1955, the director of housing, in a letter to the operators of rooming houses, reiterated the University's policy of encouraging all who serve students in the Champaign-Urbana community to do so without discrimination. He also wrote: "In the University residence halls and temporary housing units, assignments (of rooms) are made without regard to race, religion, or nationality. We urge that you follow the same policy in assigning your facilities."

On October 6 of the same year, the President of the University reviewed the situation and expressed regret that the policy of approving housing had been interpreted by some persons as an endorsement of the discriminatory policies of some of the operators. He reaffirmed the University's intention to make clear that it "deplores any discrimination on the part of operators . . . and will encourage landlords and businesses to follow University standards and practices. . . ."

As noted earlier, on September 15, 1958, the University issued a Code of Fair Educational Practice which represented in general a codification of existing practice. The Code guaranteed the traditional freedom from discrimination at the University, stipulating its application in admissions, student aid, classroom and curricula, college employment, campus housing and boarding, health facilities, physical education and recreation. The Code also served to identify areas in which the extension of the University position on discrimination was affected by the attitudes of those outside the institution, for example: in the employment of University graduates; clauses in the constitutions of social organizations (as noted above); and in the availability of off-campus housing. In each of these areas the Code contained a statement in which the agencies and individuals concerned were urged to comply with the University's policy of nondiscrimination.

In succeeding years the encouragement of nondiscrimination in off-campus housing was continued by University housing officials and approved and reviewed by the Provost. In December, 1958, the new Code was interpreted for the operators, and each was asked to sign a pledge not to discriminate as to "race, color, religious preference, or national origin." Each was informed that the University lists of housing facilities would carry notations as to which operators

¹ Meeting of September 24, 1946, *Transactions of the Board of Trustees*, page 54.

² Meeting of February 16, 1940, *Transactions of the Board of Trustees*, pages 753-754.

As an example of University action concerning faculty housing, on June 28, 1961, the University Council approved a procedure of raising the two-year ceiling generally imposed on the rental of University housing by members of the faculty. This was done to accommodate faculty members who experienced difficulty in securing housing in the community because of racial attitudes.

had agreed to sign. By the spring of 1959 approximately 20 per cent of the off-campus housing spaces were pledged to be available on a nondiscriminatory basis.

Late in 1959 further study of the Code was undertaken, with a view to its possible revision to insure more general compliance with University practices. Proposed revisions were submitted to and approved by the Legal Counsel who pointed out that if the proposed regulations resulted in the dissipation of off-campus housing to the extent that qualified students could not find housing, the University's obligation to admit and educate students would take precedence over its commitment to nondiscrimination.

Accordingly, on March 18, 1960, a revision of the Code was approved by which newly established commercial rooming houses would not receive University approval unless their owners agreed not to discriminate. When ownership of presently approved housing changed, the new owners would be required to accept a nondiscriminatory policy or face nonapproval. Excepted from these regulations were houses which were the dwellings of their owners and which provided no more than three rooms for rent.

Since the spring of 1960 the University has continued to seek compliance. As of January 30, 1962, an over-all percentage of 49 per cent of off-campus space was available on a nondiscriminatory basis (71 per cent of the space for women; 44 per cent for men). Further, student groups have been interested in working with student leaders in the houses to seek additional pledges of nondiscrimination by means of persuasion and education.

Student Organizations

The existence of racially restrictive membership clauses in the organic laws or avowed policies of student organizations, social organizations in particular, has been the subject of national debate for many years. At the University of Illinois, in the Code of Fair Educational Practice issued in 1958, the problem was seen as "primarily a student problem" which therefore "should be solved by the students themselves." However, the Code noted, "the University encourages student organizations to eliminate qualifications based on race, creed, or national origin." The Code also stipulated that, although the University would supply information gathered at student registration to student organizations, it would not supply "information concerning the race, creed, or national origin of students for the specific purpose of membership selection by student social organizations." Moreover, representatives of such organizations were informed that periodic reports on their progress in the elimination of discriminatory clauses or policies would be expected by the University.

On October 1, 1959, following discussion and approval by the Student Senate, the Urbana-Champaign Senate Committee on Student Affairs, and fraternity and sorority groups, the Dean of Students issued a supplement to the Code of Undergraduate Student Affairs. The supplement stated, "No new student organization which has a clause restricting membership on the basis of race, religion, or national origin, shall be granted University recognition." The supplementary provision was applied during the 1959-60 academic year to the establishment of two new organizations of foreign students, organized on the basis of national origin.

LITIGATION TO CONSTRUE PROVISIONS OF ILLINOIS PURCHASING ACT

(43) At the request of the President, Mr. James J. Costello, Legal Counsel, submitted a report, on behalf of Mr. Ralph F. Lesemann, Special Counsel, on the case instituted in the Circuit Court of Champaign County by a number of heating and plumbing contractors, doing business in Champaign County, against the University for the purpose of securing a declaratory judgment construing the provisions of the Illinois Purchasing Act of 1957.

Prior to enactment of this law, the state of Illinois and its agencies, including the University, had an option to let construction, remodeling, renovation, repair, and other work upon their buildings out on contract or to purchase the equipment and materials needed for the work and have the latter performed by their own employees. Also, the State, the University, and other state agencies, if they saw fit to let such work out to contractors, were not required by law to award contracts upon a competitive bidding basis; nevertheless the University, as a matter

of institutional policy, awarded contracts on a competitive basis, when the cost of any job exceeded \$2,500.

The suit instituted challenged the right of the University to undertake any construction or remodeling, repair or other work using its own staff involving any expenditures of state funds which exceeds the cost estimate of \$1,500. The Illinois Purchasing Act provides that any *purchase* of any commodity or article, the cost of which exceeds \$1,500, shall be on the basis of competitive bids.

Judge Charles E. Keller of the Circuit Court of Champaign County, in a decision announced on February 19, 1962, ruled that it is not the intention and purpose of the General Assembly in enacting the Illinois Purchasing Act to deprive the University or any other state agency of the right and privilege it had prior to the enactment of that legislation to perform construction, renovation, repair, remodeling, etc. work with its own employees if it has funds appropriated to it in an appropriation "For personal services" which will enable it to do this. He further ruled that the Act should be construed in other respects in accordance with the University's contentions and contrary to those of the plaintiffs. In short, the decision announced by him on February 19 upheld all the University's contentions and rejected all those advanced by the plaintiffs which we did not concede.

A formal judgment order has been entered. If the case is appealed, the University's Legal Counsel and Special Counsel will vigorously oppose it.

A more detailed report has been filed with the Secretary of the Board.

This report was received for record.

SECRETARY'S REPORTS

The Secretary presented for record the following lists: (1) appointments made by the President; (2) graduate fellows; (3) cancellations and resignations; (4) leaves of absence; (5) cancellation of sabbatical leave of absence.

APPOINTMENTS MADE BY THE PRESIDENT

(The date in parentheses is the date on which the appointment was made by the President of the University. C = College; S = Station; E = Extension.)

ALVAREZ, JULIAN, Research Associate in Biological Chemistry (Medicine), eight months from January 1, 1962, \$7,000 a year (1-29-62).

AMON, ALBERT H., Research Associate in the Digital Computer Laboratory, February 1-June 15, 1962, \$722.22 a month (1-24-62).

ANZALONE, CHARLENE B., Assistant in Physical Education for Women (Chicago Undergraduate Division), nine months from September 16, 1961, without pay (1-8-62).

ARGOUDELIS, CHRISTOS, Assistant Professor of Food Technology (S), seven months from February 1, 1962, \$7,950 a year, supersedes (1-29-62).

BICKELHAUPT, ROY E., Research Associate in Ceramic Engineering (S), seven months from February 1, 1962, \$9,500 a year, supersedes (1-24-62).

BOBREN, HOWARD M., Assistant to the Director and Research Associate in the Institute of Communications Research (College of Journalism and Communications), seven months from February 1, 1962, \$7,500 a year, supersedes (1-29-62).

BOLEY, LOYD E., Professor of Veterinary Clinical Medicine and Head of the Department, and Professor of Veterinary Pathology and Hygiene, on indefinite tenure, and Assistant Dean of the College of Veterinary Medicine, February 1, 1962-August 31, 1963, \$17,200 a year, supersedes (1-24-62).

BRILEY, BRUCE E., Research Assistant in the Digital Computer Laboratory, February 1-June 15, 1962, \$500 a month, supersedes (1-5-62).

BRODY, MRS. LITA H., Assistant in Medicine (Medicine), eight months from January 1, 1962, \$5,400 (1-29-62).

BRUCE, ELEANOR A., Assistant in Home Economics (C and S), February 15-August 31, 1962, \$5,400 a year (1-2-62).

BRYANT, ROBERT E., Instructor in Dentistry (Dentistry), 7/10 time, eight months from January 1, 1962, \$4,900 a year, supersedes (1-16-62).

BULNAUSKAS, PETER, Clinical Instructor in Surgery (Medicine), 2/5 time, eight months from January 1, 1962, \$3,000 a year, supersedes nonsalaried appointment (1-24-62).

- CASTILLO, JOSE M., Instructor in Psychiatry (Medicine), nine months from December 1, 1961, without salary, supersedes (1-16-62).
- CELEWYCZ, BOHDAN S., Clinical Instructor in Pediatrics (Medicine), ten months from November 1, 1961, without salary (1-2-62).
- CHARLES, ALLAN G., Clinical Instructor in Obstetrics and Gynecology (Medicine), eight months from January 1, 1962, without salary (1-2-62).
- CHERNIACK, NEIL S., Instructor in Medicine (Medicine), six months from January 1, 1962, without salary, supersedes (1-2-62).
- CLARK, DOROTHY E., Assistant Professor of Music (College of Fine and Applied Arts), $\frac{3}{4}$ time, \$5,510 a year, and Counselor in the Student Counseling Service (Provost's Office), $\frac{1}{4}$ time, \$1,840 a year, March 1, 1962-August 31, 1963, to render service during each academic year, supersedes (1-5-62).
- COHEN, LEON I., Clinical Assistant in Medicine (Medicine), nine months from December 1, 1961, without salary (1-2-62).
- CONRON, MICHAEL A., Assistant in the Institute of Aviation, January 22-June 15, 1962, \$450 a month (1-24-62).
- COTSONAS, NICHOLAS J., JR., Associate Professor of Medicine (Medicine), indefinite tenure beginning January 1, 1962, \$17,900 a year, supersedes (1-2-62).
- CRAIG, JAMES M., JR., Assistant in the Institute of Aviation, January 1-June 15, 1962, \$450 a month (1-2-62).
- CUNNINGHAM, DANIEL G., Clinical Instructor in Pediatrics (Medicine), ten months from November 1, 1961, without salary (1-2-62).
- DAKIN, THEODORE R., Clinical Assistant Professor of Medicine (Medicine), four months from September 1, 1961, without salary (1-2-62).
- DE LA TORRE, LUIS, Assistant Professor of Zoology, Department of Pharmacognosy and Pharmacology (Pharmacy), December 15, 1961-August 31, 1963, to render service during each academic year, \$7,000 a year, supersedes (1-16-62).
- DEPALMA, RUDOLPH E., Research Associate in Applied Materia Medica and Therapeutics (Dentistry), $\frac{2}{5}$ time, seven months from February 1, 1962, \$2,800 a year (1-24-62).
- DESHANDE, V. N., Research Associate in Plant Pathology (S), January 15-August 31, 1962, \$5,850 a year (1-29-62).
- DETWEILER, JOHN A., Clinical Assistant Professor of Medicine (Medicine), one year from September 1, 1961, without salary, supersedes (1-29-62).
- DIPERT, ARNOLD W., Instructor in Electrical Engineering (C), to render service during the second semester of the academic year, March 1-August 31, 1962, \$4,800 a year, supersedes (1-24-62).
- DOEMLAND, HARVEY H., Instructor in Electrical Engineering (C), $\frac{2}{3}$ time, February 1-June 15, 1962, \$466.67 a month (1-29-62).
- DYSART, MARGARET, Research Associate in Pharmacognosy and Pharmacology (Pharmacy), $\frac{1}{2}$ time, January 15-June 30, 1962, \$250 a month (1-29-62).
- EDMUNDS, MRS. JANE C., Research Assistant in Chemistry, November 27, 1961-August 31, 1962, \$4,900 a year (1-2-62).
- FARHI, EDNA S., Assistant in Physiology, seven months from February 1, 1962, \$4,900 a year, supersedes nonacademic appointment (1-29-62).
- FEILER, ERNEST M., Clinical Instructor in Surgery (Medicine), 3/10 time, January 2-June 30, 1962, \$150 a month (1-24-62).
- FELDMAN, SHELDON, Research Associate in the Institute of Communications Research (College of Journalism and Communications), January 1-June 15, 1962, \$722.22 a month (2-2-62).
- FENZL, RICHARD N., Assistant Professor of Agricultural Engineering (C and S), April 1, 1962-August 31, 1963, \$8,500 a year (1-2-62).
- FOOTE, BEVERLY D., Research Associate in Plant Physiology (Agronomy) (S), six months from January 1, 1962, \$3,200 (1-24-62).
- GIOVACCHINI, PETER L., Clinical Associate Professor of Psychiatry (Medicine), $\frac{1}{4}$ time, indefinite tenure from September 1, 1961, annual salary of \$3,100; and Clinical Associate Professor of Psychiatry, 15 per cent time, December 1, 1961-August 31, 1962, annual salary of \$1,860, supersedes (1-4-62).
- GOTOFF, SAMUEL P., Clinical Instructor in Pediatrics (Medicine), September 8, 1961-August 31, 1962, without salary, supersedes (1-29-62).
- GRIMM, ARTHUR, Instructor in Physiology (Medicine), $\frac{1}{2}$ time, and in Histology (Dentistry), $\frac{1}{2}$ time, eight months from January 1, 1962, \$9,000 a year, supersedes (1-16-62).

- GUNNAR, ROLF M., Assistant Professor of Medicine (Medicine), $\frac{1}{2}$ time, eight months from January 1, 1962, \$7,500 a year, supersedes nonsalaried appointment (1-2-62).
- HALFORD, GARY R., Research Associate in Theoretical and Applied Mechanics (C), $\frac{3}{4}$ time, March 1-August 31, 1962, to render service during the second semester of the academic year, \$1,782, supersedes (1-16-62).
- HARRISON, LUCILLE, Assistant in Nursing, January 2-August 31, 1962, \$5,500 a year (1-29-62).
- HARVEY, ROBERT O., Professor of Finance on indefinite tenure from December 1, 1961, \$12,300 a year, for service during the academic year; and Director of the Executive Development Center (College of Commerce and Business Administration), December 1, 1961-August 31, 1962, additional salary of \$2,734 for services during the period June 16-August 15, 1962; supersedes (1-18-62).
- HATFIELD, WILLIAM E., Research Associate in Chemistry, January 8-August 31, 1962, \$5,850 a year (1-24-62).
- HERLING, SHEILA, Research Assistant in Psychiatry (Medicine), eight months from January 1, 1962, \$5,280 a year (1-2-62).
- HOFFMAN, MARY M. F., Instructor in Home Economics 4-H Club Work (E), $\frac{1}{2}$ time from January 1-February 28, 1962, \$3,200 a year, and full time from March 1-August 31, 1962, \$6,400 a year (1-2-62).
- HSEU, TONG-MING, Research Associate in Chemistry, one year from February 1, 1962, \$5,850 (1-2-62).
- INGLE, JOHN, Research Associate in Plant Physiology (Agronomy) (S), January 9-August 31, 1962, \$6,000 a year (1-29-62).
- JACOBS, ALAN H., Instructor in Anthropology, academic year from September 1, 1962, \$7,000 (1-29-62).
- JASPER, ELMER A., Professor of Applied Materia Medica and Therapeutics (Dentistry), $\frac{1}{2}$ time, indefinite tenure from January 1, 1962, \$6,194 a year, supersedes (1-16-62).
- JENKS, RICHARD D., Research Assistant in the Coordinated Science Laboratory (C), seven months from February 1, 1962, \$5,500 a year, supersedes (1-24-62).
- JOHNSON, CHARLES S., JR., Instructor in Physical Chemistry, February 1-June 15, 1962, without salary (1-24-62).
- JONES, EDWIN C., JR., Assistant Professor of Electrical Engineering (C), to render service during the second semester of the academic year, March 1-August 31, 1962, \$7,500 a year, supersedes (2-2-62).
- JUGENHEIMER, ROBERT W., Professor of Plant Genetics (Agronomy) (C), indefinite tenure, and Coordinator of International Cooperation Programs (Office of Executive Vice-President and Provost), January 27, 1962-August 31, 1963, at an annual salary of \$15,000, supersedes (1-5-62).
- KAHN, SHELDON M., Instructor in Medicine (Medicine), six months from January 1, 1962, \$500 a month (1-24-62).
- KATSER, GEORGE D., Clinical Assistant Professor of Surgery (Medicine), eight months from January 1, 1962, without salary, supersedes salaried appointment (1-16-62).
- KAMP, INEZ N., Research Associate in Plant Pathology (S), six months from January 1, 1962, \$458.33 a month (1-8-62).
- KARAKASHIAN, STEPHEN J., Research Associate in Chemistry, seven months from February 1, 1962, \$5,850 a year (1-29-62).
- KELSEY, PATRICIA, Instructor in Occupational Therapy (Medicine), eight months from January 1, 1962, \$6,950 a year, supersedes (1-24-62).
- KLING, ARTHUR, Clinical Instructor in Psychiatry (Medicine), ten months from November 1, 1961, without salary (1-2-62).
- KOSTIW, MRS. LUBA L., Research Assistant in Pharmacognosy and Pharmacology (Pharmacy), December 18, 1961-August 31, 1962, \$6,000 a year (1-24-62).
- KRAMER, CHARLES H., Clinical Instructor in Psychiatry (Medicine), nine months from December 1, 1961, without salary (1-2-62).
- KULIS, JOHN C., Clinical Instructor in Medicine (Medicine), 15/100 time, four months from January 1, 1962, \$87.50 a month, supersedes nonsalaried appointment (1-29-62).
- KUMARICH, DAN, Instructor in Dentistry (Dentistry), $\frac{1}{2}$ time, eight months from January 1, 1962, \$3,500 a year (1-16-62).

- LAMB, JOHN H., JR., Instructor in Civil Engineering (C and S), to render service during the second semester of the academic year, March 1-August 31, 1962, \$6,400 a year, supersedes (1-29-62).
- LANOUX, SIGRED B., Research Associate in Chemistry, eleven months from October 1, 1961, \$5,850 a year, supersedes (1-2-62).
- LEFKOWITZ, LEWIS B., JR., Research Assistant in Preventive Medicine (Medicine), eight months from January 1, 1962, without salary (1-29-62).
- LEON, HECTOR R., Assistant in Anesthesiology, Department of Surgery (Medicine), seven months from December 1, 1961, without salary (1-2-62).
- LEWIS, DAVID R., Clinical Instructor in Surgery (Medicine), eight months from January 1, 1962, without salary (1-24-62).
- LIM, YUNG KUO, Research Associate in Physics (C), four months from February 1, 1962, \$608.33 a month (1-2-62).
- LISTON, PHYLLIS M., Assistant in English, February 1-June 15, 1962, \$444.44 a month, supersedes (1-29-62).
- LOLANS, VALENTINA T., Research Assistant in Medicine (Medicine), eight months from January 1, 1962, \$5,400 a year (1-24-62).
- MACKLER, HYMAN, Research Associate in Preventive Medicine and in Neurology and Neurological Surgery (Medicine), $\frac{2}{3}$ time, November 13, 1961-August 31, 1962, \$5,850 a year, supersedes (1-2-62).
- MANGAN, KENNETH R., Research Associate in the Institute for Research on Exceptional Children, academic year beginning September 1, 1961, without salary (1-24-62).
- MCGUIRE, EDWARD, Research Assistant in Biological Chemistry (Medicine), eight months from January 1, 1962, \$4,900 a year (1-24-62).
- MAYER, EWY, Research Associate in Ophthalmology (Medicine), November 8, 1961-August 31, 1962, without salary (1-2-62).
- MICHELSON, A. M., Visiting Lecturer in Chemistry, six months from February 1, 1962, \$6,500 (1-24-62).
- MODUTHAGAM, MICHAEL, Assistant in Physics, Department of Chemistry (Pharmacy), January 1-June 15, 1962, \$444.44 a month, supersedes (1-24-62).
- MOLE, PAUL A., Assistant in Physical Education for Men, nine months from September 16, 1961, \$5,000, supersedes (1-24-62).
- MONTGOMERY, CLARK, Physician in the Health Service (Chicago Professional Colleges), 15/100 time, \$1,150 a year, and Instructor in Medicine (Medicine), 6/10 time, \$4,600 a year, January 5-June 30, 1962 (2-8-62).
- MORALES, SILVIO D., Clinical Instructor in Pediatrics (Medicine), ten months from November 1, 1961, without salary (1-16-62).
- MULLER, BERTOLD, Research Associate in Chemistry, four months from January 16, 1962, \$487.50 a month (1-24-62).
- NAJAFI, HASSAN, Clinical Instructor in Surgery (Medicine), eight months from January 1, 1962, without salary, supersedes salaried appointment (1-16-62).
- NAKANISHI, MASAKI, Research Associate in Chemistry, seven months from February 1, 1962, \$6,000 a year (1-2-62).
- NANNELLI, PIERO, Research Associate in Chemistry, one year from September 1, 1961, \$5,850, supersedes (1-2-62).
- NEILL, DAVID M., Research Assistant in Electrical Engineering (S), nine months from December 1, 1961, \$5,100 a year, supersedes (1-2-62).
- O'CONNELL, WILLIAM J., Assistant Professor of Architecture, to render service during each academic year, April 1, 1962-August 31, 1963, \$10,000 a year, supersedes (1-24-62).
- O'DONNELL, ROBERT E., Psychometrist in the Student Counseling Service (Chicago Undergraduate Division), eight months from January 1, 1962, \$5,500 a year (1-5-62).
- PAOLILLO, DOMINICK J., JR., Assistant Professor of Botany, to render service during the second semester of the academic year, March 1-August 31, 1962, \$6,500 a year; this is in addition to his appointment as Fellow in Botany; supersedes (1-29-62).
- PENEV, LUBEN C., Clinical Instructor in Medicine (Medicine), 15/100 time, four months from January 1, 1962, \$87.50 a month, supersedes nonsalaried appointment (1-29-62).
- PLATT, GEORGE M., Research Associate in the Institute of Government and Public Affairs, eleven months from February 1, 1962, \$10,800 a year (1-2-62).

- RAFFENSPERGER, JOHN G., Clinical Instructor in Surgery (Medicine), ten months from November 1, 1961, without salary (1-2-62).
- RAO, C. R., Assistant on $\frac{1}{2}$ time and Research Assistant on $\frac{1}{2}$ time, in Mathematics, February 1-June 15, 1962, \$2,000 (1-24-62).
- RAY, SYLVIAN R., Research Associate in the Digital Computer Laboratory, to render service during the second semester of the academic year, February 1-August 31, 1962, \$537.86 a month, supersedes (1-31-62).
- REYNOLDS, EVELYN, Visiting Artist in Music, February 1-June 15, 1962, \$4,250, supersedes (1-2-62).
- ROSS, ROBERT C., Leader of Foreign Agriculture Visitors, and Assistant Coordinator of International Cooperation Programs (C and E), $\frac{1}{2}$ time, December 16, 1961-August 31, 1962, \$6,750 a year (1-2-62).
- SECTER, IRVING I., Assistant Professor of Clinical Dentistry (Dentistry), $\frac{1}{2}$ time, January 1, 1962-August 31, 1963, \$4,000 a year, supersedes (1-16-62).
- SHERMAN, CAROL L., Research Assistant in Chemistry, nine months from December 1, 1961, \$4,900 a year (1-2-62).
- SMITH, KENNETH C., Visiting Assistant Professor in the Digital Computer Laboratory, February 1-June 15, 1962, \$1,000 a month, supersedes (1-31-62).
- SMITH, NAT E., Assistant Professor of Medicine, February 1, 1962-August 31, 1963, and Assistant Dean of the College of Medicine, February 1-August 31, 1962, \$12,000 a year, supersedes (1-16-62).
- SOKKAR, THOURAYA A., Assistant in Anesthesiology, Department of Surgery (Medicine), seven months from December 1, 1961, without salary (1-2-62).
- STATTENFIELD, MRS. MERRIE J., Research Assistant in the State Water Survey, five months from February 1, 1962, \$450 a month (1-24-62).
- STOLTEY, MRS. MARGARET C., Assistant in English, November 8, 1961-January 31, 1962, \$444.44 a month, supersedes (1-24-62).
- TABIN, MORTON S., Clinical Instructor in Psychiatry (Medicine), ten months from November 1, 1961, without salary, supersedes (1-16-62).
- TITUS, THOMAS R., Instructor in the Institute of Aviation, seven months from February 1, 1962, \$7,900 a year, supersedes (1-29-62).
- TOMASCHKE, HARRY E., Research Associate in the Coordinated Science Laboratory (C), $\frac{3}{4}$ time, seven months from February 1, 1962, \$5,400 a year, supersedes (1-29-62).
- TSUJIOKA, BIEN, Research Associate in Psychology, $\frac{3}{4}$ time, nine months from December 1, 1961, \$4,500 a year, supersedes (1-2-62).
- TUCKWOOD, DWIGHT O., Research Assistant in the Illinois State Library Research Center (Graduate School of Library Science), five months from February 1, 1962, \$575 a month, supersedes (1-29-62).
- UNZICKER, JOHN D., Research Associate in the State Natural History Survey, $\frac{1}{2}$ time for four months from February 1, 1962, \$200 a month, and full time for three months from June 1, 1962, \$400 a month (1-16-62).
- WALKER, CRAYTON C., Research Assistant in Electrical Engineering (C), December 1, 1961-June 15, 1962, \$444.44 a month, supersedes (1-2-62).
- WIGGISHOFF, CYRIL C., Clinical Instructor in Urology, Department of Surgery (Medicine), eight months from January 1, 1962, without salary (1-16-62).
- WILLRICH, KARL L., Clinical Instructor in Psychiatry (Medicine), eleven months from October 1, 1961, without salary (1-2-62).
- WILSON, CHARLES A., Research Assistant in Soil Fertility (Agronomy) (S), seven months from February 1, 1962, \$5,600 a year, supersedes (1-24-62).
- WILSON, ROBERT G., Registered Pharmacist, Department of Hospital Pharmacy (Pharmacy), $\frac{3}{4}$ time, January 2-August 31, 1962, \$5,250 a year, supersedes (1-2-62).
- YAPP, WILLIAM W., Professor of Dairy Science (C and S), $\frac{1}{2}$ time, six months from March 1, 1962, \$4,656 a year (1-2-62).
- ZINKY, FRANKLIN A., Assistant in the Institute of Aviation, February 1-June 15, 1962, \$450 a month (1-2-62).

GRADUATE FELLOWS

(The following appointments made by the Dean of the Graduate College were approved on the date indicated in parentheses.)

- ALEXANDER, C. S., Fellow in Geography, three months from June 16, 1962, \$900 (1-16-62).

- BAER, ERIC, Fellow in Chemical Engineering, three months from June 16, 1962, \$900 (1-16-62).
- BATEMAN, JOHN J., Fellow in the Classics, three months from June 16, 1962, \$900 (1-16-62).
- BECKER, JOSEPH, Fellow in Psychology, three months from June 16, 1962, \$900 (1-16-62).
- BERRY, LLOYD E., Fellow in English, three months from June 16, 1962, \$900 (1-16-62).
- BOCK, WALTER J., Fellow in Zoology, three months from June 16, 1962, \$900 (1-16-62).
- BROWNING, EDWARD T., United States Public Health Service Fellow (Trainee) in Pharmacology (Chicago Professional Colleges), eight months from January 1, 1962, \$1,466.72 (12-14-61).
- BRUMLEY, LYLE, United States Public Health Service Fellow (Trainee) in Anatomy (Chicago Professional Colleges), six months from January 1, 1962, \$1,149.96 (12-29-61).
- CIZEVSKA, TATJANA, Fellow in Russian, three months from June 16, 1962, \$900 (1-16-62).
- DAY, NORMAN D., Fellow in Architecture, three months from June 16, 1962, \$900 (1-16-62).
- DEMAR, ROBERT E., Fellow in the Division of Physical Sciences (Geology), three months from June 16, 1962, \$900 (1-16-62).
- DONOVAN, WILLIAM P., Fellow in the Classics, three months from June 16, 1962, \$900 (1-16-62).
- DOWD, JOHN M., United States Public Health Service Fellow (Trainee) in Medicine and Infectious Diseases (Chicago Professional Colleges), nine months from October 1, 1961, \$4,124.97, supersedes (12-21-61).
- FREDRICKSON, L. THOMAS, Fellow in Music, three months from June 16, 1962, \$900 (1-16-62).
- GLADER, BERTIL E., United States Public Health Service Fellow (Trainee) in Physiology (Chicago Professional Colleges), six months from January 1, 1962, \$1,151.28 (12-20-61).
- GLENN, NORVAL, Fellow in Sociology, three months from June 16, 1962, \$900 (1-16-62).
- GOLEMBIEWSKI, ROBERT, Fellow in Management, three months from June 16, 1962, \$900 (1-16-62).
- GRIEST, GUINEVERE L., Fellow in the Division of Humanities (English), three months from June 16, 1962, \$900 (1-16-62).
- GROSSMANN, R. S., Fellow in Philosophy, three months from June 16, 1962, \$900 (1-16-62).
- HAAN, ROBERT L., Fellow in History, three months from June 16, 1962, \$900 (1-16-62).
- HAYAKAWA, ICHIYA, Fellow in Civil Engineering, three months from June 16, 1962, \$900 (1-16-62).
- HENNESSEY, JAMES J., Fellow in Art, three months from June 16, 1962, \$900 (1-16-62).
- HOLQUIST, MRS. LYDIA L., Office of Vocational Rehabilitation Fellow (Trainee) in Speech, February 1-June 15, 1962, \$1,200 (2-2-62).
- HOUGH, JERRY F., Fellow in Political Science, three months from June 16, 1962, \$900 (1-16-62).
- KANSKY, ROBERT J., National Science Foundation Mathematics Institute Fellow in Mathematics, September 1, 1961-June 15, 1962, \$3,300, supersedes (1-24-62).
- KAPLAN, HERBERT H., Fellow in History, three months from June 16, 1962, \$900 (1-16-62).
- KOHLMEYER, FREDERICK, Fellow in Economics, three months from June 16, 1962, \$900 (1-16-62).
- LATHRAP, DONALD W., Fellow in Anthropology, three months from June 16, 1962, \$900 (1-16-62).
- LEE, DONALD J., United States Public Health Fellow (Trainee) in Animal Science, nine months from December 1, 1961, \$1,875 (12-19-61).
- LIPMAN, VIVIAN C., Fellow in the Division of Social Sciences (Psychology), three months from June 16, 1962, \$900 (1-16-62).

- LYNEN, JOHN F., Fellow in English, three months from June 16, 1962, \$900 (1-16-62).
- MAJOROWICZ, ROGER L., Fellow in Art, three months from June 16, 1962, \$900 (1-16-62).
- MANKIN, PAUL A., Fellow in French, three months from June 16, 1962, \$900 (1-16-62).
- MARTIN, DUNCAN W., United States Public Health Service Fellow (Trainee) in Physiology, seven months from February 1, 1962, \$1,555.12 (1-19-62).
- MCGEHEE, NAN E., Fellow in the Division of Social Sciences, three months from June 16, 1962, \$900 (1-16-62).
- MILLER, DWIGHT C., Fellow in Art, three months from June 16, 1962, \$900 (1-16-62).
- MILLER, MARILYN T., United States Public Health Service Fellow (Trainee) in Ophthalmology (Chicago Professional Colleges), six months from January 1, 1962, \$1,670 (1-9-62).
- MILOSH, JOSEPH E., JR., Fellow in English, February 1-June 15, 1962, \$750 (12-22-61).
- MOSIMANN, ELLA B., Office of Vocational Rehabilitation Fellow (Trainee) in Education, February 1-June 15, 1962, \$900 (1-8-62).
- PAOLILLO, DOMINICK J., JR., Fellow in Botany, three months from June 16, 1962, \$900; this is in addition to his appointment as Assistant Professor of Botany; (1-16-62).
- PAULSON, RONALD H., Fellow in English, three months from June 16, 1962, \$900 (1-16-62).
- RESEK, ROBERT W., Fellow in Economics, three months from June 16, 1962, \$900 (1-16-62).
- REYNOLDS, HARRY A., United States Public Health Service Fellow (Trainee) in Veterinary Medicine, one year from February 1, 1962, \$5,300 (1-17-62).
- ROSENBLATE, HOWARD, United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), one month from September 1, 1961, \$60 (1-9-62).
- SARNAT, MARLENE, United States Public Health Service Fellow (Trainee) in Biological Chemistry (Chicago Professional Colleges), six months from January 1, 1962, \$2,300 (2-5-62).
- SHANER, G. DAVID, Fellow in Art, three months from June 16, 1962, \$900 (1-16-62).
- SHUGRUE, MICHAEL F., Fellow in English, three months from June 16, 1962, \$900 (1-16-62).
- SHUPP, FRANKLIN R., Fellow in Economics, three months from June 16, 1962, \$900 (1-16-62).
- SMITH, STANLEY G., Fellow in Chemistry, three months from June 16, 1962, \$900 (1-16-62).
- SPEECE, RICHARD E., Fellow in Civil Engineering, three months from June 16, 1962, \$900 (1-16-62).
- STEPHAN, PHILIP H., Fellow in French, three months from June 16, 1962, \$900 (1-16-62).
- WEISS, SAMUEL A., Fellow in the Division of Humanities (English), three months from June 16, 1962, \$900 (1-16-62).
- WOODFIN, BEULAH, United States Public Health Service Fellow (Trainee) in Chemistry, nine months from September 16, 1961, \$2,200 (1-23-62).

CANCELLATIONS AND RESIGNATIONS

- BAKER, LOUID W., Assistant in Physical Education for Men—resignation effective February 1, 1962.
- BOBIS, JAMES P., Instructor in Electrical Engineering—resignation effective March 1, 1962.
- CARMIN, ROBERT L., Professor of Geography—resignation effective September 1, 1962.
- CHOW, CECILIA, Research Assistant in the Coordinated Science Laboratory—resignation effective January 1, 1962.
- EATHERLY, SCOTT C., Assistant in English—resignation effective February 1, 1962.
- FISHER, WALTER E., Research Associate in Civil Engineering—resignation effective January 9, 1962.

- GROSSMAN, MRS. SHEILA S., Registered Pharmacist in Hospital Pharmacy (Pharmacy) — resignation effective April 1, 1962.
- HENDRICKSON, MRS. ELIZABETH K., Fellow in Chemistry — resignation effective February 1, 1962.
- HIGHTOWER, BERNICE, National Institute of Mental Health Fellow (Trainee) in Social Work — resignation effective February 1, 1962.
- HOLMES, GEORGE A., Assistant Professor of Clinical Dentistry (Dentistry) — resignation effective January 1, 1962.
- KOORAJIAN, SAMUEL, Research Assistant in Biological Chemistry (Medicine) — resignation effective February 1, 1962.
- LEWIS, PHILIP H., JR., Associate Professor of Landscape Architecture, Department of City Planning and Landscape Architecture — resignation effective September 1, 1961.
- LIEM, KAREL F., Assistant and Research Assistant in Zoology — resignation effective December 1, 1961.
- LIPE, MRS H. SUE, Assistant in Rural Recreation — resignation effective March 10, 1962.
- LYELL, JOHN S., Research Associate in Pedodontics (Dentistry) — resignation effective April 1, 1962.
- MAXEY, GEORGE B., Professor of Geology — resignation effective March 1, 1962.
- MERMALL, HUNTER L., Research Assistant in Preventive Medicine (Medicine) — resignation effective January 1, 1962.
- MEYER, FRANCIS A., Instructor in the Institute of Aviation — resignation effective February 1, 1962.
- MILOSH, JOSEPH E., JR., Assistant in English — resignation effective February 1, 1962.
- MUHLSCHEGEL, BERNARD A. F., Research Assistant Professor of Physics — resignation effective February 16, 1962.
- ORNE, DAVID, Instructor in Theoretical and Applied Mechanics — resignation effective March 1, 1962.
- PAGONES, MICHAEL J., Fellow in Electrical Engineering — resignation effective February 1, 1962.
- PATEL, ARVINDKUMER M., Fellow in Electrical Engineering — resignation effective February 1, 1962.
- PAWLAK, ZDZISTAW, Visiting Research Associate in the Digital Computer Laboratory — resignation effective September 16, 1961.
- REEVE, FRANKLIN D., Associate Professor of Russian — cancellation effective January 1, 1962.
- ROBERTS, DONALD D., Instructor in Chemistry (Physical Sciences) (Chicago Undergraduate Division) — resignation effective March 1, 1962.
- RUBENIS, MARY E., Research Assistant in Medicine (Medicine) — resignation effective February 7, 1962.
- SABINE, JOHN R., United States Public Health Service Fellow (Trainee) in Animal Science — resignation effective February 1, 1962.
- SCHWIEBERT, PHILLIP D., Assistant in Theoretical and Applied Mechanics — resignation effective February 1, 1962.
- SUNDARESAN, P. R., Research Associate in the Radiocarbon Laboratory — resignation effective January 1, 1962.
- TASCHINI, PIER A., Research Associate in Medicine (Medicine) — resignation effective January 1, 1962.
- VICKERY, ROBERT S., Research Associate in the Radiocarbon Laboratory — resignation effective January 1, 1962.
- WALKER, DONALD L., JR., Teaching Fellow in Landscape Architecture — resignation effective February 1, 1962.
- WOLF, GEORGE, Associate Professor of Animal Nutrition in the Radiocarbon Laboratory — resignation effective March 1, 1962.
- WOLTERS, MRS. CAROL M., Office of Vocational Rehabilitation Fellow (Trainee) in Education — resignation effective December 1, 1961.
- WOODWORTH, G. WALTER, Fred S. Bailey Memorial Professor of Money, Banking, and Finance — resignation effective March 1, 1962.

LEAVES OF ABSENCE

- ANZALONE, CHARLENE B., Assistant in Physical Education for Women (Chicago Undergraduate Division) — leave of absence, without pay, during the academic

- year 1961-62, for the purpose of doing graduate work at the State University of Iowa.
- CARMIN, ROBERT L., Professor of Geography — leave of absence, without pay, for the second semester of the academic year 1961-62, so that he may accept the position as Head of the Latin-American Studies Unit of the Language Development Section in the United States Office of Education, on a temporary basis.
- GUMMERSHEIMER, ERNST, Associate Farm Adviser in Washington County — leave of absence, with pay, on account of disability, for six months from October 9, 1961, or until such prior time as he is able to return to his University duties.
- HOLDERMAN, JAMES B., Assistant Professor in the Institute of Government and Public Affairs — leave of absence, without pay, from January 1 through April 15, 1962.
- HOLLON, GEORGE W., Associate Professor of Civil Engineering — leave of absence, without pay, for one year from September 1, 1962, subject to the condition that he informs the Head of his Department as to his future plans no later than March 1, 1963.
- HOOK, JULIUS N., Professor of English, and Counselor on the University Council on Teacher Education — leave of absence, without pay, for the second semester of the academic year 1961-62, so that he may accept a temporary assignment by the United States Office of Education as coordinator of Project English.
- JOHNSON, ARTHUR L., Instructor in Music — leave of absence, on account of disability, without pay, beginning December 1, 1961, and continuing to February 1, 1962.
- KRAUSZ, NORMAN G. P., Professor of Agricultural Law — leave of absence, without pay, beginning January 1, 1962, and continuing to April 30, 1962, to study water problems of the new republic of Cyprus and draft legislation for use, conservation, and control of water on this island.
- ROBERG, NORMAN B., Professor of Medicine, College of Medicine — disability leave, with full pay, from September 26, 1961, through April 25, 1962.
- STEWART, WILSON N., Counselor on University Council on Teacher Education, Professor of Botany, and Chairman of the Department — leave of absence, without pay, for the first semester of 1962-63, so that he may complete work on one aspect of the Biological Science Curriculum Study sponsored by the National Science Foundation through the American Institute of Biological Sciences.
- WEISE, ERWIN K., Associate Professor of Metallurgical Engineering — leave of absence, with pay, on account of disability, beginning November 26, 1961, and continuing through June 5, 1962, or until such prior time as he is able to return to his duties.
- WILF, HERBERT S., Assistant Professor of Mathematics — leave of absence, without pay, for six months from March 1, 1962, so that he may accept a visiting research appointment at the University of Pennsylvania.
- WILLIAMS, THOMAS H., Assistant Professor of Accountancy — leave of absence, without pay, beginning March 1, 1962, and continuing through August 31, 1963, or for as much of that period as may be required, for active military service.

CANCELLATION OF SABBATICAL LEAVE OF ABSENCE

- CARMIN, ROBERT L., Professor of Geography — sabbatical leave of absence cancelled for the second semester of the academic year 1961-62.

DEGREES CONFERRED IN FEBRUARY, 1962

The Secretary presented for record the degrees conferred as of February 12, 1962, on recommendation of the Urbana-Champaign Senate and by authority of the Board of Trustees.

Summary

Degrees in the Graduate College:

Doctor of Philosophy.....	115
Doctor of Education.....	4
Doctor of Musical Arts.....	1
Master of Arts.....	32
Master of Science.....	216

Master of Music.....	4
Master of Education.....	48
Master of Fine Arts.....	1
Master of Accounting Science.....	2
Master of Architecture.....	3
Master of Laws.....	1
Advanced Certificate in Education.....	5
Advance Certificate in Music Education.....	1
<i>Total, Graduate College.....</i>	<i>(433)</i>
Degrees in Law:	
Bachelor of Laws.....	11
Degrees in Veterinary Medicine:	
Bachelor of Science.....	5
Baccalaureate Degrees:	
Bachelor of Science, College of Agriculture.....	55
Bachelor of Science, College of Engineering.....	275
Bachelor of Arts, College of Liberal Arts and Sciences.....	111
Bachelor of Science, College of Liberal Arts and Sciences.....	62
Bachelor of Science, College of Education.....	59
Bachelor of Science, College of Commerce and Business Administration...	123
Bachelor of Science, College of Journalism and Communications.....	20
Bachelor of Architecture, College of Fine and Applied Arts.....	41
Bachelor of Fine Arts, College of Fine and Applied Arts.....	12
Bachelor of Music, College of Fine and Applied Arts.....	1
Bachelor of Science, College of Fine and Applied Arts.....	12
Bachelor of Science, College of Physical Education.....	27
Bachelor of Science, Division of Special Services for War Veterans.....	1
<i>Total, Baccalaureate Degrees.....</i>	<i>(815)</i>
<i>Total, Degrees Conferred.....</i>	<i>1,248</i>

GRADUATE COLLEGE

Degree of Doctor of Philosophy

In Accountancy

BERNARD ANTHONY CODA, JR., B.S., Olivet Nazarene College, 1957; M.S., 1960
 BEN LAWRENCE FORBES, B.S., M.B.A., Louisiana State University, 1951, 1952

In Aeronautical Engineering

DONALD ROGER CHENOWETH, B.S., M.S., 1958, 1959
 PILLUTLA NARASIMHA MURTHY, B.Eng., Annanalai University, 1951; Diploma,
 Indian Institute of Science, 1953

In Agricultural Economics

KEITH GEORGE COWLING, B.S., University of London, 1958

In Agronomy

MATHAI KUNJU JOHN, B.S., University of Allahabad, 1953; M.S., Alabama Poly-
 technic Institute, 1956
 MAHESH NARAIN MISHRA, B.S., M.S., Agra University, 1955, 1957

In Animal Nutrition

JOHN ROBERT SABINE, A.B., A.M., University of Melbourne, 1957, 1959

In Animal Science

NELSON GAY, B.S., M.S., University of Kentucky, 1956, 1957

In Business

DONALD DEE CHRISTENSON, B.S., Municipal University of Wichita, 1955; M.S.,
 1958

In Chemical Engineering

LEMBIT UNO LILLELEHT, B.Ch.E., University of Delaware, 1953; M.S.E., Princeton
 University, 1955

- LEO JOHN THOMAS, B.S., University of Minnesota, 1958; M.S., 1960
 ALFREDO NICOLÁS USUBILLAGA, Chem.Engr., Escuela Politécnica Nacional (Ecuador), 1956; M.S., 1959
 GORDON RAY YOUNGQUIST, B.S., University of Minnesota, 1958; M.S., 1960

In Chemistry

- JON MICHAEL BRAKE, B.S., University of Michigan, 1957
 ROBERT PAUL CLARK, B.S., University of Michigan, 1957; M.S., 1959
 DONALD EUGENE GWYNN, B.S., Ohio State University, 1957
 JOHN ANTHONY HAEFNER, B.S., St. John Fisher College, 1958
 ROBERT H. HOOK, B.S., M.S., Ohio State University, 1953, 1955
 JOHN GRANT LARSON, B.S., Bradley University, 1955
 DEVON WALTER MEEK, A.B., Berea College, 1958; M.S., 1960
 GERALD RAY MILLER, B.S., University of Wisconsin, 1958; M.S., 1960
 MARVIN LLOYD POUTSMA, A.B., Calvin College, 1958
 HARRIS BURT RENFROE, JR., B.S., Mississippi State College, 1958
 NEWTON DAVIS WERNER, B.S., University of California (Los Angeles), 1957; M.S., 1959

In Civil Engineering

- NED HAMILTON BURNS, B.S., M.S., University of Texas, 1954, 1958
 ROBERT EDWARD CRAWFORD, B.S., University of Texas, 1949; M.S., California Institute of Technology, 1950
 WALTER EARL FISHER, B.S., M.S., 1952, 1956
 CHITTA RANJAN GANGOPADHYAY, B.Tech., M.Tech., Indian Institute of Technology, 1956, 1958; M.S., 1959
 SHAMSHER PRAKASH, B.Eng., Diploma, Roorkee University, 1954, 1959; M.S., 1961
 WALLACE SAMUEL PRESCOTT, B.S., Tennessee Polytechnic Institute, 1946; M.S., University of Tennessee, 1952
 STANLEY THEODORE ROLFE, B.S., M.S., 1956, 1958
 VIPPERLA BULLI VENKAYYA, B.S., Andhra University, 1953; B.Tech., Indian Institute of Technology, 1956; M.S., University of Missouri, 1959
 RICHARD NEWPORT WRIGHT III, B.C.E., M.C.E., Syracuse University, 1953, 1955

In Communications

- HOWARD MARK BOBREN, A.B., M.B.A., University of Chicago, 1951, 1954

In Dairy Science

- FRANK NORRIS DICKINSON, B.S., University of Massachusetts, 1953; M.S., 1958

In Economics

- DONALD WILLIAM LOEWECKE, A.B., Roosevelt University, 1954; A.M., 1955
 JOHN HENRY WICKS, A.B., University of South Dakota, 1957; A.M., 1961

In Education

- THOMAS EDWIN RICKARD, A.B., LL.B., University of California (Berkeley), 1948, 1951; Ed.M., University of Missouri, 1959 (doctorate awarded posthumously)
 MIGUEL ANGEL RIESTRA, A.B., University of Puerto Rico, 1959; Ed.M., 1959
 BERNICE LUCY SAMALONIS, B.S., Northern Illinois University, 1950; A.M., Northwestern University, 1954
 TENNALUR VENGARA IYENGAR SATHYAMURTHY, B.S., M.S., Banaras Hindu University, 1947, 1949
 WILLIAM JOHN TISDALL, B.S., M.S., 1956, 1959

In Electrical Engineering

- YUMIN FU, B.S., National Taiwan University, 1955; M.S., 1960
 HITENDRA NATH GHOSH, B.Tech., Indian Institute of Technology, 1959; M.S., 1959
 EDWIN CHANNING JONES, JR., B.S., West Virginia University, 1955; D.I.C., Imperial College of London University, 1956
 CHRISTOPHER POTTLE, B.Eng., Yale University, 1953; M.S., 1958
 SUNKARA NAGESWARA RAO, B.Eng., University of Madras, 1957; M.S., 1959
 BELLE ANANTHA SHENOI, B.S., University of Madras, 1951; M.S., 1958
 ROBERT STERLING SMITH, B.S., Rose Polytechnic Institute, 1949; M.S., 1951

MANDYAM DHATI SRINATH, B.S., University of Mysore, 1954; Diploma, Indian Institute of Science, 1958; M.S., 1959
 RICHARD EARL TOEPFER, JR., B.S., M.S., 1956, 1957
 JOSEPH WEI FONG YE, Elect.Engr., Aurora University (Shanghai), 1948; Ingenieur Radio Tech., University of Grenoble, 1953; M.S., 1957

In English

GEORGE VINCENT GOODIN, B.S., Marquette University, 1952; A.M., 1956
 REGINALD ANTHONY SANER, B.S., St. Norbert College, 1950; A.M., 1954
 RACHEL STANFIELD VAN PELT, A.B., A.M., 1943, 1952

In Entomology

JAI KRISHEN NAYAR, B.S.(Hon.), M.S., University of Delhi, 1954, 1956
 ZENAS BARNARD NOON, JR., B.S., M.S., University of Arizona, 1956, 1957
 ROBERT DALE PAUSCH, B.S., M.S., 1956, 1959

In Finance

CHARLES ANTHONY D'AMBROSIO, B.S., Loyola University, 1955; M.S., 1958

In Food Technology

LYLE ALLEN, B.S., California State Polytechnic College, 1952; M.S., 1958
 WEI HWA LEE, B.S., Cornell University, 1954; M.S., 1956

In Geography

JOSEPH ANTHONY FEKETE, A.B., Baldwin-Wallace College, 1952; A.M., Miami University, 1954
 ARMIN KONRAD LUDWIG, B.S., Ball State College, 1952; A.M., Michigan State University, 1954

In Geology

GROVER HARRY EMRICH, B.S., Franklin and Marshall College, 1952; M.S., Florida State University, 1957
 GEORGE MUGGAH HUGHES, B.S., M.S., University of Alberta, 1951, 1959
 WALTER EDWARD PARHAM, B.S., M.S., 1956, 1958
 ELLIOTT ARTHUR RIGGS, B.S., M.S., University of Wisconsin, 1951, 1953; M.S., 1961
 PAUL ROBERT SEABER, B.S., Franklin and Marshall College, 1954; M.S., University of Rochester, 1957
 ROBERT TOBIN SIMMONDS, B.S., Columbia University, 1954; M.S., Syracuse University, 1959

In History

JOHN LESLIE TEVEBAUGH, A.B., A.M., 1950, 1952

In Horticulture

NAJATI SALEH GHOSHEH, B.S., M.S., Kansas State University, 1955, 1956

In Mathematics

RENU CHAKRAVARTI, A.B., Patna University, 1951; A.M., Bihar University, 1955
 RICHARD MAURICE RAU, B.S., M.S., 1953, 1957

In Mechanical Engineering

DONALD WAYNE DAREING, B.S., M.S., Oklahoma State University, 1958, 1959
 MARVIN ROBERT GLICKSTEIN, B.M.E., M.S., University of Florida, 1955, 1956
 BRANIMIR FRANCIS VON TURKOVICH, B.S., University of Naples, 1948; M.S., University of Madrid, 1951

In Metallurgical Engineering

DONALD HERBERT BOONE, B.S., M.S., 1957, 1959
 JAMES RICHARD COST, B.S., University of Wisconsin, 1951; M.S., 1959
 DON HENDERSON KILLPATRICK, B.S., M.S., 1956, 1959

In Microbiology

LUBELLE BOICE, B.S., Stanford University, 1955; M.S., 1958
 RICHARD OCTAVE BURNS, B.S., St. Michael's College, 1953; A.M., St. Bonaventure University, 1958

SHIRLEY RAPS, B.S., Brooklyn College, 1956
LEON UNGER, A.B., A.M., Brooklyn College, 1954, 1956

In Philosophy

WILLIAM JOHN EMBLOM, A.B., Baldwin-Wallace College, 1950; A.M., 1953
RICHARD PIERCE HAYNES, A.B., Pennsylvania State University, 1956; A.M., 1958

In Physical Education

MICHAEL STEPHEN YUHASZ, A.B., University of West Ontario, 1950; M.S., 1951

In Physics

ANGELO BARDASIS, A.B., Cornell University, 1957; M.S., 1959
HAYWOOD BLUM, B.S., College of the City of New York, 1955; M.S., 1957
ROBERT L. BURMAN, B.S., Massachusetts Institute of Technology, 1955; M.S., 1957
MASAO DOYAMA, B.Tech., University of Tokyo, 1952; M.S., University of Notre Dame, 1955; M.S., 1958
DOUGLAS KIRBY FINNEMORE, B.S., Pennsylvania State University, 1956; M.S., 1958
JACK HARLEY HETHERINGTON, A.B., Municipal University of Wichita, 1956; M.S., 1957
SEYMOUR MARGULIES, B.E.E., Cooper Union, 1955, M.S., 1956
GERHARD LUDWIG SALINGER, B.S., Yale University, 1956; M.S., 1958
SETH DAVID SILVERSTEIN, B.S., Massachusetts Institute of Technology, 1956; M.S., 1958
PAUL ALLEN TIPLER, B.S., Purdue University, 1955; M.S., 1957
HARRY HUGGINS TIPPINS, JR., B.E.E., University of Florida, 1955; M.S., 1959

In Physiology

CHARLES MUZZY TIPTON, JR., B.S., Springfield College, 1952; M.S., 1953

In Political Science

KENNETH KARL MARCUS, A.B., A.M., University of Michigan, 1952, 1953

In Psychology

MYRNA TICKTIN BLAUFARB, B.S., 1957
LESLIE MUIR COOPER, B.S., M.S., Brigham Young University, 1954, 1958
JOHN DWELLE DAVIS, A.B., Brown University, 1954; A.M., 1957
MARCUS JOSEPH FUHRER, A.B., University of Oklahoma, 1955
JACQUELIN ROBERTA GOLDMAN, A.B., University of Florida, 1956; A.M., 1959
DEMETRIOS PAPAGEORGIS, A.B., Hamilton College, 1957; A.M., 1960
ROBERT EMERY SCHULMAN, A.B., Northwestern University, 1958; A.M., 1960

In Sociology

DOYLE KENT RICE, A.B., Arkansas Polytechnic College, 1952; A.M., University of Arkansas, 1956

In Speech

JOSEPH HOWARD RIGGS, A.B., Alderson-Broadus College, 1952; A.M., West Virginia University, 1953
SISTER MARY JULIANUS MCKEE, A.B., Mount Mary College, 1949; A.M., St. Louis University, 1953
ROBERT CALHOUN WHITLATCH, A.B., Denison University, 1957; A.M., 1958
ROBERT LEE WILHOIT, A.B., B.Mus., Drury College, 1950, 1950; A.M., 1953

In Statistics

SUNARDI WIRJOSUDIRDO, Diploma, Doctorandus, University of Indonesia, 1954, 1956

In Veterinary Medical Science

OM PARKASH MALHOTRA, B.Vet.Sci., Punjab University, 1949; M.S., Kansas State University, 1957
WILHELM FRIEDRICH SCHAEFFLER, D.V.M., University of Giessen, 1957; M.S., 1959

Degree of Doctor of Education*In Education*

- TERRY PATRICK JAMES DENNY, A.B., Wayne University, 1954; A.M., University of Michigan, 1957
 DOROTHY MAIE KEENAN, B.S., M.S., University of Wisconsin, 1943, 1952
 MARY LOUISE LEMMON, B.S., Northern Illinois University, 1945; M.S., University of Wisconsin, 1951
 CHARLES EDWARD WARWICK, A.B., University of Oklahoma, 1950; Ed.M., 1955

Degree of Doctor of Musical Arts

- DONALD WESLEY IVEY, B.Mus., M.Mus., University of Kentucky, 1951, 1955

Degree of Master of Arts*In Art History*

- ELLEN BARBARA WEISS, A.B., Oberlin College, 1957

In Economics

- JOHN BELTON OLSON, A.B., DePauw University, 1960
 JAMES ALAN SAWYER, B.S., University of Arizona, 1960

In English

- PATRICK MARTIN GEOGHEGAN, A.B., Boston University, 1960
 BETTY FRANCES LOWER, A.B., Franklin College of Indiana, 1958
 ANTHONY CARMINE TOMMASI, A.B., Brooklyn College, 1958
 LOUIS CHUNG-LU TSEN, B.S., 1958

In French

- CORNELIA GAY BARNES, A.B., Kent State University, 1960
 RONALD CAMPISI, A.B., Brooklyn College, 1959
 ROBERT MARIE EMILE DERUYCKE, A.B., 1961
 JAMES WALLACE GREENLEE, A.B., 1956

In Geography

- RONALD ALLAN LARSON, A.B., Ohio University, 1960

In History

- EDMUND JEFFERSON DANZIGER, JR., A.B., College of Wooster, 1960
 EDWARD ARTHUR GALLAGHER, A.B., University of Michigan, 1959
 RALPH VERNON MITCHELL, B.S., Northwestern University, 1949
 RICHARD KENNETH SMITH, B.S., 1959

In Labor and Industrial Relations

- CHARLES MILTON MCPIKE, A.B., Illinois College, 1960
 KENJI OKUDA, B.Law, Tokyo University, 1949
 FLOYD WHELLAN, A.B., College of the City of New York, 1959

In Mathematics

- JOHN DAHLMAND BRAMSEN, A.B., North Central College, 1960
 RALPH ANTHONY LIGUORI, B.S., University of New Mexico, 1960
 JOHN BRADSTREET WALSH, B.S., California Institute of Technology, 1960

In Philosophy

- RONALD WILLIAM MARIS, A.B., 1958

In Psychology

- LYNN REESE ANDERSON, B.S., Brigham Young University, 1960
 HALSEY HULBURT MATTESON, A.B., 1959
 GORDON LEE PAUL, A.B., State University of Iowa, 1960

In Spanish

- CAROL PATRICIA ROARK BLACKBURN, A.B., Baker University, 1960
 RICHARD BARRY KLEIN, A.B., Elmhurst College, 1960

In Speech

- RICHARD LEE BENSON, A.B., University of California, 1958
 JANICE KAY BORGIA, A.B., College of Wooster, 1960
 DANIEL JOSEPH HOPPE, A.B., University of Buffalo, 1960
 JUDITH McCORMICK, A.B., College of Wooster, 1960

Degree of Master of Science*In Accountancy*

- TABIB BASALY TADROS, B.Com., Cairo University, 1951; B.D., Coptic Orthodox Theological University College, 1954
 PRACHIN VONGTHONGSRI, B.Accy., Chulalongkorn University, 1952
 WALTER JOHN WADMAN, B.S., Illinois Wesleyan University, 1957
 ROBERT CHARLES WOELFEL, B.S., 1953

In Aeronautical Engineering

- LEON CAROL KELLER, B.S., 1960

In Agricultural Economics

- HANS EBERHARD BUCHHOLZ, Diploma, University of Göttingen, 1959
 JOSE CARLOS KOHOUT, Agronomist, University of Buenos Aires, 1958
 FRANCESCO LECHI, Laurea, University of Padua, 1956
 PIET VAN WAERYENBERGE, Licentiate, University of Louvain, 1960
 MELVIN MERLE WAGNER, B.S., 1954
 NEAL MOFFITT WRIGHT, B.S., 1960

In Agricultural Education

- DONALD GENE MILLER, B.S., 1959

In Agricultural Engineering

- LARRY FRANCIS HUGGINS, B.S., 1960
 GARY LYNN WELLS, B.S., 1960

In Agronomy

- DALIP SINGH MALIK, B.S., University of Delhi, 1952; M.S., Vikram University, 1959

In Animal Science

- TILFORD ROBERT CLINE, B.S., 1960
 KAMAL KANT MITTAL, B.S., B.V.S., Agra University, 1955, 1958
 LEWIS ISAAC SMART, B.S., Oklahoma State University, 1960
 RICHARD JAMES VATTHAUER, B.S., 1960

In Architectural Engineering

- ROBERT LOUIS VARNES, B.Arch., 1961
 GAYLAND BROOKS WITHERSPOON, B.Arch., University of Arkansas, 1956

In Astronomy

- PAMELA ANNE GRAY, B.S., Imperial College of Science and Technology, 1960

In Botany

- DELANO KIMBERLING COX, B.S., 1960
 DONALD ALVIN LEVIN, B.S., 1960
 HERBERT JULIAN STOLTZE, B.S., College of the City of New York, 1959; A.M., Teachers College, Columbia University, 1960

In Ceramic Engineering

- ROBERTO JOSE FORLANO, Industrial Engineer, University of Buenos Aires, 1954
 BHASKAR BHIMARAO GHATE, B.S., Karnatak University, 1956; B.S., Banaras Hindu University, 1960

In Chemical Engineering

- ROBERT LOUIS KRUSE, B.S., University of Minnesota, 1960
 EDWARD JOSEPH NEMETH, B.S., University of Pittsburgh, 1960

In Chemistry

- WILLIAM CECIL DEAL, JR., B.S., Louisiana College, 1958
 ANN MARIE DEEGAN, A.B., Immaculata College, 1960
 ELIZABETH KOHL HENDRICKSON, A.B., Pomona College, 1960
 VIOLET ILENE IMHOF, A.B., St. Olaf College, 1960
 LEONARD KAPLAN, B.S., Cooper Union, 1960
 FIKRY LATIF KHALIL, B.S., Cairo University, 1957; Diploma, Alexandria University, 1960
 RICHARD M. KLEIN, A.B., Williams College, 1959
 NICHOLAS ALEXANDER MATWIYOFF, B.S., Michigan College of Mines and Technology, 1959
 RICHARD ALAN PALMER, B.S., University of Texas, 1957
 JAMES ALAN PLAMBECK, A.B., Carleton College, 1960
 NELLIE GONZÁLEZ-PARÉS DE RAMÍREZ, B.S., University of Puerto Rico, 1955
 PETER RONALD RHODES, B.S., The Principia College, 1959
 MARY KELLY STAMBAUGH, B.S., Northeastern University, 1960
 EDWARD FREDERICK STEIGELMANN, B.S., University of Wisconsin, 1957
 GERALD STRAHS, B.Ch.E., Cooper Union, 1960
 MANUEL ANGEL TORRENS-LOPEZ, B.S., University of Puerto Rico, 1959
 CARL SIEGFRIED WEBER, B.S., Southern Methodist University, 1960

In Civil Engineering

- DONALD LEIGH ANDERSON, B.S., University of Alberta, 1956
 JOHN CHARLES BURT, B.S., United States Military Academy, 1957
 ROBERT EDWIN BURT, A.B., University of Michigan, 1940
 GERALD WARREN CHASE, B.S., United States Military Academy, 1957
 FRANKLIN YIH CHENG, A.B., Taiwan Provincial Cheng Kung University, 1960
 JAMES GREGORY CROSE, B.S., Washington University, 1960
 MAURICE D'ARCY, B.S., University of Montreal, 1960
 ROY TADASHI EGAWA, B.S., 1961
 PETER GERGELY, B.Eng., McGill University, 1960
 DAVID WILLIAM GOODPASTURE, B.S., University of Tennessee, 1960
 NEVILLE ROBERT HARRIS, A.B., University of Dublin, 1960
 JOHN RICHARD HARTY, B.S., University of North Dakota, 1960
 JOHN MARK HEALY, B.S., B.S., 1954, 1960
 ARTHUR BARKLEY JOHNS, B.A.Sc., University of Toronto, 1960
 RICHARD SAMUEL KEM, B.S., United States Military Academy, 1956
 THOMAS WILLIAM KENNEDY, B.S., 1960
 ALBERT CHRISTOPHER KNOELL, B.S., Drexel Institute of Technology, 1959
 DONALD DOMINIC MAGURA, B.S., 1961
 JOHN NEIL MAJERUS, B.C.E., University of Santa Clara, 1960
 DHIRAJLAL BHAGWANJI MALI, B.Eng., Gujarat University, 1960
 RICHARD WALLACE MILLER, B.S., 1960
 WALTER PARKER MOORE, JR., A.B., B.S., Rice Institute, 1959, 1960
 BRAJAMANI MUKHERJEE, B.Tech., Indian Institute of Technology, 1956
 CHARLES HOWARD NEUBAUER, JR., B.S., The Citadel, 1960
 GERALD ROBERT SCOTT, B.A.Sc., Polytechnic School (Montreal), 1960
 GURDIP SINGH, A.B., B.Eng., Panjab University, 1952, 1955
 KITTVATANA SUTCHARITPHONG, B.S., Chulalongkorn University, 1960
 MOHAMED ABDEL FATTAH TALHA, B.C.E., Ain Shams University, 1953; Diploma, Cairo University, 1957
 VICHEN TENGAMNUAY, B.S., M.S., Chulalongkorn University, 1956, 1959
 MARSHALL RAY THOMPSON, B.S., 1960
 RALPH LAURENCE URIE, B.Eng., University of Melbourne, 1947
 AJIT SINGH VIRDEE, Higher National Cert., Westminster Technical College, 1958

In Commerical Teaching

- JOHN ALLEN COLWELL, A.B., Augustana College (South Dakota), 1957
 JUNE KAWAMOTO MUTA, B.B.A., University of Hawaii, 1955

In Economics

- PETER DAVID BEAVES, B.S., Louisiana State University and Agricultural and Mechanical College, 1960

GEORGE DENNIS CRAIG, A.B., Wheaton College, 1960
 DONALD ALFRED GANDRE, B.S., Arizona State College, 1956
 CHARLES ALVIN PAYSAN, A.B., St. Ambrose College, 1960
 WARREN THOMAS STRONG, A.B., Lake Forest College, 1960

In Education

GLEN PHILLIP CARTWRIGHT, B.S., 1960

In Electrical Engineering

KENNETH EDWARD BATCHER, B.S., Iowa State University, 1957
 RICHARD LEE BIBY, B.S., 1961
 JAMES RUSSELL BURNETT, A.B., University of Minnesota, 1950
 FRANK ANTON CAMSTRA, JR., B.S., United States Naval Academy, 1953
 HERBERT YU-PANG CHANG, B.S., 1960
 FRANK CHING YOU CHEN, B.S., 1960
 JOSEPH ZUEN-YUEN CHEN, B.S., 1960
 WILLIAM B. CHIN, B.S., 1961
 DANIEL JAY DAVIS, B.S., University of Pennsylvania, 1960
 DAVID GLASCOCK DETERT, B.S., Massachusetts Institute of Technology, 1960
 MORRIS DAVID FREEDMAN, B.A.Sc., University of Toronto, 1960
 WAYNE RICHARD HARADER, B.S., Municipal University of Wichita, 1960
 ROBERT GENE HEEREN, B.S., Purdue University, 1960
 JOHN WESLEY HILE, B.S., Purdue University, 1960
 JOHN ALLEN JOHNSON, B.S., 1961
 HENRY MERKELO, B.S., 1960
 ROBERT ORMOND MEYERS, B.S., Illinois Institute of Technology, 1959
 CHARLES EDWIN MULLETT, B.S., 1960
 MICHAEL JOHN PAGONES, B.S., 1961
 MAHESH VITHALBHAI PATEL, B.Eng., Sardar Vallabhbhai Vidyapeeth, 1959
 GEORGE EDWARD PRICE, JR., B.S., United States Naval Academy, 1952
 BORIS LEROY SEIDEL, B.S., 1961
 LEO JOSEPH SHEEHAN, B.S., United States Naval Academy, 1956
 DAVID PHILIP SNYDER, B.E.E., Cornell University, 1960
 MANOEL SOBRAL, JR., E.E., Technical Institute of Aeronautics (Brazil), 1958
 PETER YORK STANTON, B.S., Georgia Institute of Technology, 1954
 DAVID TOWN STEPHENSON, B.S., Washington State University, 1958
 ROBERT HARRY SWENDSEN, B.S., 1961
 RICHARD HALL THAYER, B.S., 1961
 GABOR KALMAN UJHELYI, B.A.Sc., University of Toronto, 1960
 LELLAND AUSTIN CHARLES WEAVER, B.A.Sc., University of Toronto, 1960
 ROBERT LOUIS WEST, B.S., Union University, 1951
 THOMAS MICHAEL YACKISH, B.S., Purdue University, 1960
 TEIZO YASUI, B.S., Kyoto University, 1956

In Entomology

JAMES LEROY MILLER, B.S., Oregon State College, 1950

In Finance

DINESHCHANDRA NANUBHAI DESAI, B.Com., Sardar Vallabhbhai Vidyapeeth, 1960

In Food Technology

STEPHEN LEONARD NORTON, B.S., 1960

In Geology

BRIAN WILLIAMS CARSS, B.S., University of Durham, 1959
 GARNETT McCORMICK DOW, A.B., University of Maine, 1959
 HENRI EUGENE GAUDETTE, A.B., University of New Hampshire, 1959

In Horticulture

JOSEPH DALLON, JR., B.S., Southern University, 1960

In Library Science

RUTH BUMGARNER DAUBS, A.B., 1959
 WAN CHUN HAN, A.B., National Taiwan University, 1960

JANICE JULIA JOHNSON, A.B., Beloit College, 1960
 ROBERT ALLEN JONES, A.B., College of Wooster, 1960
 ELFRIEDE MARGARETE KAYSER, A.B., Illinois College, 1947
 JUDITH LEE KNUDSON, B.S., 1961
 BARBARA SOUTER LIBERSKY, A.B., State University of Iowa, 1956
 HARRIET WALLACE SMITH, B.S., Northwestern University, 1936; A.M., Teachers
 College, Columbia University, 1939
 STANLEY MARTIN YATES, A.B., Ohio University, 1950; A.M., Ph.D., 1952, 1961

In Management

MICHAEL JAMES FIELDS, B.B.A., Manhattan College, 1958

In Mathematics

ROBERT PAUL KOPP, B.S., University of Chicago, 1960
 MINDAUCAS PLESKYS, B.S., 1959
 PAUL MORTON SCHWARTZ, B.S., University of Chicago, 1959
 ALBAN MARTIN WOLIN, B.S., 1960

In Mechanical Engineering

NARAIN KISHINCHAND ADVANI, B.Eng., University of Poona, 1959
 ROGER JOHN BORRIS, B.S., 1954
 THOMAS MEAD BRITTAI, B.M.E., University of Akron, 1960
 SHIRISHKUMAR BALVANTRAI DESAI, B.Eng., Gujarat University, 1960
 DAVID LELAND EWING, B.S., Michigan College of Mining and Technology, 1960
 HERMANN HASELBACHER, Diploma, Vienna University of Technology, 1960
 MARSHALL LEE HEARD, B.S., United States Naval Academy, 1960
 NARENDRANATH JAGANNATH KALRA, B.Eng., Maharaja Sayajiro University of
 Baroda, 1959
 HUGO JOHN MILLER, B.S., Illinois Institute of Technology, 1954
 SHERWIN BERNARD POMERANTZ, B.I.E., New York University, 1960
 HARINDER PAL HARNAM SINGH, B.Eng., Maharaja Sayajirao University of Baroda,
 1959
 DARYL ROBERT THOMAS, B.S., 1960
 JAMES BERNARD WEYRES, B.S., University of Wisconsin, 1955
 WILLIAM LAWRENCE WINTERBAUER, JR., B.S., Bradley University, 1957
 PU-SEN YEH, B.S., National Taiwan University, 1958

In Metallurgical Engineering

ROGER JONAS AUSTIN, B.S., Stanford University, 1960
 BARRY GEORGE KOEPKE, B.S., 1960

In Mining Engineering

FUN-DEN WANG, B.S., Taiwan Provincial Cheng Kung University, 1957

In Music Education

JOSEPH VINCENT CARUSO, B.S., Hartwick College, 1960

In Nuclear Engineering

THOMAS FRANCIS CAMERON, B.S., United States Military Academy, 1958
 GEORGE ROBERT CARRUTHERS, B.S., 1961
 DAVID EWING COATES, B.A.Sc., University of Toronto, 1951
 ELMER EUGENE LEWIS, B.S., 1960
 THEIN OO PO SAW, Met.Eng., Colorado School of Mines, 1960
 LARRY ELLIOT SHPINER, B.S., 1960
 CARL GOSTA SKYGGE, C.E., Royal Institute of Technology (Stockholm), 1957
 KODATI SUBBA RAO, B.S., Andhra University, 1954; M.S., Banaras Hindu Uni-
 versity, 1956

In Physics

RONALD FRANCIS CALDWELL, B.S., Capital University, 1960
 JOHN RICHARD CLEM, B.S., 1960
 RICHARD SEELY CRANDALL, A.B., Cornell University, 1960
 WILLIAM ALAN DEUTSCHMAN, B.S., University of Washington, 1960

CHARLES EDWARD EHRENFRIED, B.S., Bowling Green State University, 1957
 MBOM JIMMY ETUK, B.S., Cert., University of London, 1952, 1954
 MARTIN HENRY GARRELL, A.B., Princeton University, 1960
 EDWARD LOUIS GIESZELMANN, B.S., 1960
 EDNA JOYCE HALL, B.S., Stanford University, 1960
 RAYMOND WILLIAM HANFT, B.S., University of Rochester, 1960
 WILBERT NORMAN HUBIN, B.S., Wheaton College, 1960
 JAMES PETER KAPLAFKA, B.S., Case Institute of Technology, 1960
 ERIC NEAL KOCH, B.S., 1960
 FRANCA TAGLIABUE KUCHNIR, Bacharel, University of São Paulo, 1958
 MOYSES KUCHNIR, Bachelor, University of São Paulo, 1957
 ROBERT MAURICE LANSFORD, B.S., 1960
 DONALD MICHAEL LARNER, A.B., Oberlin College, 1960
 LELAND MAUGHAN RICHARDS, A.B., University of California (Riverside), 1960
 DAVID JOHN SCHOOLEY, A.B., Indiana University, 1958
 JOHN SHOUSE SHIER, B.S., California Institute of Technology, 1960
 DOUGLAS WEMP SMITH, B.S., Stanford University, 1960
 JOSEPH DONALD SNEED, A.B., Rice University, 1960
 ROBERT JAMES SPRY, B.S., 1960
 LOWELL JAMES SWANK, A.B., University of California (Berkeley), 1960

In Physiology

DOROTHY LUCILLE BATTERTON, A.B., University of California (Los Angeles), 1949
 CHARLES LEONARD MCINTOSH, A.B., Rockford College, 1960
 FRANCIS RAYMOND PROCK, B.S., University of Notre Dame, 1959
 KAREL WILLIAM VAN BEAUMONT, M.P.E., University of Leuven, 1957

In Recreation

GILBERT LEE FINK, B.S., 1959
 BARBARA LONG REED, B.S., 1949

In Sanitary Engineering

SHANKHA KUMAR BANERJI, B.Eng., University of Calcutta, 1957
 KUSUG KOMOLRIT, B.S., Illinois Institute of Technology, 1960

In Statistics

BODH RAJ GULATI, A.B., A.M., Panjab University, 1950, 1953
 MAHENDRAKUMAR RATILAL RAVAL, B.S., M.S., Maharaja Sayajirao University of Baroda, 1958, 1960

In the Teaching of Biological Sciences and General Science

MARSHALL EDWIN PARKS, B.S., Indiana State Teachers College, 1960

In the Teaching of Mathematics

DRUCILLA ANNE DUGAN, A.B., Illinois College, 1957
 GARY WILLIAM SABEN, B.S., 1960

In the Teaching of Physical Sciences

ARLEN JAMES HAGEN, B.S., 1956

In Theoretical and Applied Mechanics

NEIL MCIVER CAMERON, B.S., University of Wales, 1960
 RONALD OWEN HULTGREN, B.M.E., Marquette University, 1960
 PHILLIP DIEDRICH SCHWIEBERT, B.S., 1961
 MAJID RAZZUQ SHAMMAMY, B.S., Al-Hikma University of Baghdad, 1960
 GEORGE EARL SLITER, B.C.E., Manhattan College, 1960
 THOMAS LEE STEP, B.S., Rose Polytechnic Institute, 1957

In Veterinary Medical Sciences

JANARDAN PRASAD KUKRETI, B.S., University of Allahabad, 1934; B.V.Sc., Agra University, 1955

In Zoology

GARY WAYNE CAMENISCH, B.S., 1960
 NANCY JOEN FORSYTH, B.S., 1959

Degree of Master of Music

MALCOLM BILSON, A.B., Bard College, 1957
 ROGER LEE DRINKALL, B.Mus., Curtis Institute of Music, 1960
 JOSEPH RALPH SCOTTI, A.B., DePaul University, 1958
 JO YUAN, A.B., Taiwan Normal University, 1957

Degree of Master of Education

JAMES HOMER ADAMS, B.S., Southern Illinois University, 1958
 BRUCE RAY ANDERSON, A.B., Wheaton College, 1959
 HELEN LOREE DAHLING AUSTIN, A.B., Stanford University, 1959
 ROBERT CALLEN BARTLETT, B.S., 1959
 MARJORIE ANNE BEANE, B.S., Iowa Wesleyan College, 1952
 JAMES WARREN BLILER, B.S., 1953
 GLADYS COLCORD BROCKMAN, A.B., North Dakota State Teachers College, 1930
 HELEN APPLEBY BUSH, B.S., Illinois State Normal University, 1949
 DAVID LEE CADWALLADER, B.S., 1961
 ROSEMARY MELBO DEAN, A.B., Asbury College, 1956
 RICHARD ARMAND DENOYER, B.S., Olivet Nazarene College, 1958
 HARLAN GEORGE EHMEN, B.S., 1956
 MARY DOWDALL FARNSWORTH, B.S., Illinois State Normal University, 1949
 VINCENT ANTHONY GJAMALVA, A.B., 1961
 JOHN LINCOLN GINTHER, B.Ed., University of Toledo, 1957
 CHARLOTTE DEAN GRAHAM, B.S., Iowa State College, 1930
 C. B. GREEN, B.S., Illinois State Normal University, 1948
 CHARLES RAYMOND GREGG, B.S., Illinois State Normal University, 1958
 JUDITH STUDEBAKER HARDY, B.S., Illinois State Normal University, 1958
 HENRY ANTHONY HORNBECK, JR., A.B., Loras College, 1959
 JOHN EDWARD HUTCHINGS, B.S., 1955
 DOROTHY KING JONES, A.B., Lincoln University, 1949
 HENRY THOMAS LEE, A.B., University of Mississippi, 1932
 SARAH ANN LUEBBEN, A.B., Mary Manse College, 1959
 WILMER THOMPSON MAZE, B.S., Illinois Wesleyan University, 1956
 LARRY LEROY MITCHELL, B.S., Wisconsin State College (La Crosse), 1951
 ALICE MCRAVEN MOHUNDRO, A.B., McKendree College, 1958
 MARTHA ANNE MORGAN, A.B., DePaul University, 1958
 ELEANOR JOANNE INNESS MUCK, B.S., 1959
 PINYU NANAKORN, B.Ed., College of Education (Bangkok), 1959
 DONALD EDWARD NETTLETON, B.S., 1957
 RUTH VIRGINIA PETERS, B.S., Olivet Nazarene College, 1956
 WILLIAM JAMES POLICH, B.S., Illinois Wesleyan University, 1957
 SUSAN JOAN PRATT, B.S., 1958
 ROBERT EDWARD REED, B.S., 1959
 NATHAN NILE RICHMOND, A.B., Lincoln University, 1952
 CHRISTINA POPYANCHEFF ROBERTS, A.B., 1950
 PATRICIA ARNOLD SCHOOLEY, A.B., Indiana University, 1958
 ESTHER PEASE SEAMAN, A.B., Kansas State Teachers College (Pittsburg), 1934
 BARBARA LUCILLE SPEAR, B.S., 1935
 MADELINE PONTE TENIKAT, B.S., 1941
 PRIYA VONGTHONGSRI, A.B., Chulalongkorn University, 1960
 GEORGE WALTER WAGGONER, A.B., Columbia Bible College, 1946; A.B., McKendree College, 1959
 HELEN MAMER WARNEKE, B.Mus., Illinois Wesleyan University, 1940
 RICHARD WAYNE WELLER, B.S., Illinois State Normal University, 1955
 DONALD FRED WIECHMAN, B.S., 1956
 DANIEL RAYMOND WILE, B.S., 1959
 LULAROSE SANDERS WILSON, B.S., Southern Illinois University, 1959

Degree of Master of Fine Arts*In Painting and Printmaking*

ROGER ISADORE DESROSIERS, JR., B.F.A., University of Florida, 1960

Degree of Master of Accounting Science

GERALD EARL BROWN, B.S., 1958

CHONGCHAROEN TANSUKASEM, B.S., Diploma, Thammasat University, 1956, 1959

Degree of Master of Architecture

HWEI-SZE CHEN, B.S., Taiwan Provincial Cheng Kung University, 1957

ANTHONY NELSON JOHNS, JR., B.S., Hampton Institute, 1955; B.Arch., 1961

TEN-PI TSAI, B.S., Taiwan Provincial Cheng Kung University, 1953

CHING-I WEI, B.S., Taiwan College of Engineering, 1954

Degree of Master of Laws

GEORGE DURHAM BROWN, A.B., LL.B., Baylor University, 1954, 1955

Advanced Certificate*In Education*

WILLIAM EUGENE DICKSON, B.S., M.S., Illinois State Normal University, 1954, 1957

DONNA JEAN HOLZHAUER, A.B., Greenville College, 1957; A.M., 1958

WILBERN McMURRAY, B.Ed., Southern Illinois University, 1934; M.S., 1943

CORNELIUS LEE REYNOLDS, A.B., Philander Smith College, 1951; M.S., Indiana University, 1960

CHAROIS JEWELL TURNER, B.S., Eastern Illinois University, 1952; Ed.M., 1959

In Music Education

LEON LOVEJOY ADAMS, JR., B.S., Tennessee Agricultural and Industrial State University, 1957; M.S., 1960

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

JAMES LLOYD ANDERSON

DAVID W. CLOSE

DONALD EUGENE DAHLSTROM

DONALD DEMKO

LYLE KEITH JOHNSON, HONORS

GEORGE EZEKIEL KERR

TIMOTHY GEORGE LOHMAN

GEORGE AITKEN LUTZ

MICHAEL ALAN MALLOY

DAVID JOHN MCGINTY

RONALD DAVID MCKEE

PETER JON MIHAJLOV

CHARLES FREDERIC MUND

FORREST MARVIN PAXTON, JR.

WILLIAM FRANK PAYNE, JR.

JAMES LESTER RUSSELL

LOWELL JOHN SCHROEDER

MAX DEE SINKLER

JEROME SKUBA

DALE THOMAS SMITH

WILLIAM JAMES SPAULDING

LIONEL SHELBOURN STIRRETT

CLIFFORD RALPH THOMAS

ROBERT WALTER WEBB

ROBERT LEE WILLIAMSON

ROBERT HARRY YOUNG

In Dairy Technology

SCOTT ENLOE SEIBERT

In Floriculture

JOHN DENNIS HELD

In Floriculture and Ornamental Horticulture

ROBERT JOHN ARMSTRONG

JOSEPH ALBERT HALASZ

JOSEPH GEORGE LESHYN

ELMER GERALD RIECK

EDWARD LAW ROSE

In Food Technology

EDMUND JOSEPH PYRZ

In Forestry

ROBERT BAILEY BURTON, Honors
STEPHEN WAYNE CAWELTI
DALE JOHN DUFOUR
ROBERT LOUIS FOISY, JR.

JEROLD THOMAS HAHN
FRANK MORTON MORRELL
JOE LEWIS NEWCOMB

In Home Economics

MARILIN JEAN WATKINS BROWN
FRANCYNE DAWN LEONTIOS DIEDRICH
ANN FREDERIC JONES, Honors
EVELYN JACKSON LIEBERMAN
MARY JEAN PISANI

CAROL JEAN BANTZ REINHART
SANDRA LEE SPITZER
JUDITH LOUISE ST. CLAIR
JEAN HELEN WOOLLEY
VIRGINIA LOUISE DODGE YORK

In Home Economics Education

KATHERINE MARIE RADER BADER
JUDITH JANE BEASON

FLORENCE ELAINE GEGEL

In Restaurant Management

HARVEY LOUIS COLE

COLLEGE OF ENGINEERING**Degree of Bachelor of Science***In Aeronautical Engineering*

ETTORE CARLO ANDREANI
ROBERT LEE BROWN
CHUEN-CHENG CHEN, Honors
JAMES LOUIS CLAUSON
ROGER ALLEN CRAWFORD
WILLIAM LEWIS EPPERSON
ROBERT EDWIN FENNELL
EDWARD JAMES FORD, JR.
HARRY FRANK
EDD LEIGHMAN GHENT
LEE MERVIN HARPER
JERRY GAY JAMIESON
BRUCE EUGENE KNUDSEN

THOMAS JAMES MCDANIEL, Honors
MARION ROBERT PASIERBOWICZ
RICHARD GEORGE PETTER
LAYNE CLINDEN RAY
ALAN LEE SATORIUS
JERRY LEE SEABAUGH
PAUL DORRANCE SONES, Honors
WILLIAM VELJOVICH
THEODORE VICKLUND, JR.
HAROLD BROWN WITT
LAWRENCE MICHAEL WOLF
REGINALD DAVID YEATMAN

In Agricultural Engineering

JOHN WALTER LUXTON
LYLE SAMUEL MARTIN
ROBERT WILDER MARTIN

GARY LEE STAHL, Honors
ROLLIN DEAN STROHMAN, Honors

In Ceramic Engineering

KENNETH ARTHUR BIEK
STEVEN CLYDE COLBURN
DARIUSH SHADMAN

ROBERT JOHN SMID
WILLIAM TODD WITTMAN

In Civil Engineering

MOHAMAD SIHAM RASHAD ADRA
DEWAYNE ALLEN
JOHN HENRY ANDERSON
BRUCE BARKER
STANLEY HUGHES BENNETT
WAYNE ANTHONY BLACKARD
ROBERT ALLEN BLOECHLE
JOHN HENRY BRATZLER, Honors
RONALD KEITH BREWER
BING CHEE CHIN
ROBERT MALLORIE COLEMAN
JOSEPH JOHN DACANAY
RONALD ARTHUR DENEAU
CARROLL THOMAS DUNN
JAMES RUSSELL ELLIOTT

JAMES RANDALL ENOS
KENNETH LEROY FIGGE
ALVARO GAMBOA VILLEGAS
JOHN THOMAS GANNON
PAUL PETER GOLASZEWSKI
ROBERT EDWIN HANSEN
LARRY GENE HOBSON
RICHARD DALE HUDSON
ROY ALFRED IMBSEN
RALPH EDWARD JACOBS
WENDELL EARL JELM
THEODORE DALE JOHNSON
ROBERT WILLIAM JONES
ALBERT RAY KLEIST
LAWRENCE ALFRED LIPE

DARRELL GEORGE LOHMEIER
 STEPHEN JOSEPH MADDEN III
 SALVATORE FRANCIS MADONIA
 THOMAS EDGAR MCKNIGHT
 ROBERT STUART MCLEOD
 JOSEPH ANGELO MORRONE
 HANS OHLSON
 JERRY FRANK PAROLA
 RONALD LEIGH PETERSON
 KENNETH VERNON RODDA
 EDWARD JEROME RUZAK
 JAMES RONALD SALLEY, Highest
 Honors

STEPHEN HAROLD SCHAEFER
 SURESH DAYABHAI SHROFF
 BUAN BASKEL SMITH, JR.
 RICHARD ALVIN STAFFORD
 JOHN FRANK SUWADA
 GEORGE JOHN THOMPSON
 JOHN ARTHUR TREMPER
 ONDER UZUN
 MITCHELL BARRY WEISS
 JAN F. WILKINSON

In Electrical Engineering

ROGER EUGENE BANNING
 EDWARD LORENZO BASS
 CHARLES WILLIAM BEERLING
 KENT MARCH BLACK
 JACK EUGENE BLOODWORTH
 WALDEMAR WALTER BOROWSKY
 MERLE BRYAN BROWN
 THOMAS WARREN BURDIN
 ANTHONY PETER COLANGELO
 CLARENCE ALFRED CRAGER, JR.
 RAYMOND RUSSELL CRUM
 DAVID LYNN CUNNINGHAM
 EDMUND BURKE DALY
 BENNY LYNN DAWDY
 DANIEL LEE DECKER
 CLAUDE JOHN DRONG
 ROBERT MARK DUNBAR
 ALLEN LEON EDWARDS
 LARRY LEE FEURER
 BERNARD JOHN FLAHERTY, Honors
 THOMAS ALLEN FOURNIE
 RONALD GEORGE FRAZIER
 RONALD CHARLES GARAVALLA, Honors
 NICHOLAS LOUIS GEOGRAPHOS
 DAVID JOSEPH GRONOWSKI
 ROBERT THOMAS GROSS
 DENNIS CALVIN HALL, High Honors
 JOHN DEE HATCHETT
 CLIFFORD HARLEY HIGGERSON
 RICHARD LEE HOBBS
 JAMES DAVID HOLLOWAY
 FRANK EDWARD HOWARD
 EDWARD ADAM JERAWSKI
 KENNETH ANDREW JESIOLOWSKI
 DONALD ALOYSIUS KASNAK
 FRANK LEO KEOUGH
 KEITH EUGENE KIDWELL
 EDMUND ERNST KILGA
 JAMES EDWARD KING
 RONALD LLOYD KLEIN
 WILLIAM CARL KRAN
 EDWIN DALE KUHR
 JOSEPH STANISLAUS KULPA, JR.
 REIN RAYMOND LAANE
 WING CHIU LEUNG

LARRY DEAN LUSZ
 HOWARD WILLIAM MCCARTHY
 LESTER JOHN MOSER
 GLENN DALE MUCKEY
 FREDERICK SIMON MYSLIWIEC
 RONALD GENE O'CONNOR
 PERRY CHARLES OLSEN
 MAUNG TUN OO
 CARL HENRY ORNER
 BERNARD JOHN PEPPING
 DAGOBERTO PEREZ
 WENDELL PRINCETON PERKINS
 MARINOS GEORGE PETROPOULOS
 HAROLD ISAAC PITTS
 DANIEL MICHAEL PRINTZ
 PRESTON LEE RANSOM
 CARL PETER REINERS
 MARION LAMOINE REINHARDT
 LAWRENCE BEN RESIDORI
 ROBERT NEIL RICHERT
 RICHARD ALAN ROBITAILLE
 JAMES FRANK RUEHL
 ROBERT LEWIS RUSSELL
 JOHN BENJAMIN RYAN
 ANTHONY VYTAUTAS SAKALYS
 THOMAS PAUL SCHROEDER
 WILLIAM LEWIS SEBRING
 ALLEN LUTHER SHORT
 JOHN LUCIAN SPELLMAN
 FRANK JOHN STADLER
 ROY STEPHEN SYLER, High Honors
 JOSEPH ELMER TARR, JR.
 BANG-YI TING
 ROBERT CHARLES TRENDLER
 JOHN PETER TRINKO
 ROBERT LAWRENCE VOGLER, High
 Honors
 THIEN CONG VU
 HARMON GRADY WASHINGTON
 RICHARD MICHAEL WHITE, High
 Honors
 ROBERT REYNOLDS WILDE, Honors
 ALBERT TERRANCE WILLIAMS
 DONALD DEAN WILSON
 JAMES LEE WOOLDRIDGE

In Engineering Mechanics

RICHARD CARY CODDINGTON

JOHN HENRY HEMANN

In Engineering Physics

CHARLES EDWARD CAMPBELL	JOHN PHILIP KUTZ
ROBERT MAHLON CASON	WILLIAM DENNIS PEARSON, JR.
DAN JOHN DANNENFELDT	ROBERT JOSEPH PFEIFER, High Honors
WILLIAM ALBERT DELORME	KIN SEIN
RONALD HART DURRETT	RAMADAN ISSA SHA'AFI
EARL ROBERT FRANKLIN	NORRIS WAYNE TIDWELL
BRIAN CHARLES KOLETO, High Honors	

In General Engineering

DONALD JAMES BADER, Honors	DONALD ROBERT MILLER
CHARLES MARION CHEFFER	ARNO RHODES MYERS, JR.
EMORY JACK GEORGE	GERALD EDWARD PAM
LYLE DEAN GERDES, Honors	DOUGLAS WALTER PIHL
ELWYN FRANK HENNING	JEFFERY HARRISON ROSKI
RICHARD TAKAICHI IWAI	PHILIP OLA SCHEMMELE
DEAN ARTHUR JACKSON	DENNIS LEE STEINBACH
ALBERT WILLIAM LANDECK	JOHN MORRIS TASCHER
ALAN EDWARD MILLER	

In Industrial Engineering

GENE FREDRICK AHLQUIST	MATTHEW RICHARD MCMANUS
ROBERT JAMES COLTER	JAMES FRANK SPETA
RAYMOND PETER COSYN	RICHARD KENJI SUGITA
ALAN GRUBMAN	ROBERT EDGAR UHRIG
HARVEY RICHARD KULIN	

In Mechanical Engineering

ROBERT GENE ADEN	DANIEL LAWRENCE KOWIESKI
SHELDON HERBERT ALTMAN	LAWRENCE LEANDER LABUDA
DENNIS ROGER ASH	LOYD LOUIS LEHN
BILL GENE BARNETT	JERRY NEILL MASON
LOUIS JOHN BERGANDI	BRUCE HENRY MAURITZSON
HARRY DUDLEY BRATTIN	WILLIAM FRANCIS MCCORMICK
NORMAN LEE BROWNING	GERALD ALLEN MELLINGER
CHARLES WILLIAM BUCKLAR, JR.	MICHAEL PATRICK MORIARTY
ROGER BUDD, JR.	JAMES LOWELL MORR
ROSS J. BUNTING	PATRICK JOSEPH MURPHY
BRYCE WILLIAM CARUS	RALPH GERALD NEDBAL
ALLEN ROBERT CIESIEL	BRUCE TODD PFEIFFER
DALE JERRY DVORAK	ROBERT HARRY PRESCOTT
CARL SIGVARD ECKBERG	CLARENCE PAUL REDINGTON
PAUL ALFRED EVANS	JAMES ARTHUR RISSER
HENRY HERMAN FLOCK	EDWARD JOHN SIENICKI
ALBERT JACOB GOPIN	JOEL SLUTZKY
WILLIAM EVERMANN GREENSHIELDS	ARTHUR MITCHELL SMALL
MYRON ROBERT GROSS	KYIN SOE
WARD CLARK HARRIS	EDWARD JOSEPH VASS
BOBBY LAWRENCE HARTLEROAD	ABRAHAM MOSHE VIGODA
FLOYD CORLISS HAYES	KLAUS JUERGEN WEINMANN
LARS EMIL HENRIKSEN, JR.	ROYCE ALAN WEST
FREDRIC LEE HUGHES	CHARLES ELDON WHITMAN
GERALD DEAN JONES	ROBERT MCCORMICK YOUNG, JR.
KENNETH KARL KOHRS	

In Metallurgical Engineering

JOHN DAVID EWING	RONALD GENE LINGWALL
GLENN RICHARD GOETSCH	VONNE DUANE LINSE
JOHN EDWARD HIGGINS	ROBERT HENRY WITTMAN

In Mining Engineering

FREDERICK BENEDICT MAYERS	WILLIAM ARTHUR SCHMIEGELT
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COLLEGE OF LIBERAL ARTS AND SCIENCES

Degree of Bachelor of Arts

In Liberal Arts and Sciences

- CHRISTINA VON HULPERSHAUSEN
ABDELLA, Honors in Liberal Arts and Sciences with High Distinction in French
- HARLAN WILLIAM BACUS
MICHAEL DALE BAYLES, Honors in Liberal Arts and Sciences with High Distinction in Philosophy
- GERALDINE MARIE BERMAN, Honors in Liberal Arts and Sciences with Distinction in French
- MARY JEANETTE BRADFORD
KENNETH ALBERT BRAYFORD
MARY HUDSON BRICKEY, Honors in Liberal Arts and Sciences
- LELIA MAY CANN
ALAN REMINGTON CARLSON, Honors in Liberal Arts and Sciences with High Distinction in Political Science
- JAMES DANIEL CLEGHORN
WILLIAM RIPLEY CLINTON, Honors in Liberal Arts and Sciences with Distinction in German
- RICHARD CARY CODDINGTON
DAVID MAURICE COHEN, Honors in Liberal Arts and Sciences with Distinction in Philosophy
- GERALD ANTHONY COOLSEN
RICHARD LEE COURTNEY
ARLEEN MALKIN COWAN
THEODORE JOSEPH CRACKEL
HARRY LEE CRAMER III
JOAN DAVIS
JOSEPH PATRICK DAY
PHILIP WAYNE DEMMIN, Honors in Liberal Arts and Sciences
- DENNIS MICHAEL DENNY
JOHN WILLIAM DEWEES
KATHLEEN MARY DE YOUNG, Honors in Liberal Arts and Sciences
- MARCY SCHLESINGER FENNER
KENNETH FREERKSEN
GAIL WALDMAN GANS
CAROL LEE GEERLINGS, Honors in Liberal Arts and Sciences
- WALTER LAMONT GILMORE, JR.
JOHN LAWRENCE GRABBE
JAMES LOUIS HAFELE, Honors in Liberal Arts and Sciences
- WILLIAM RICHARD HAGEDORN
PHILIP BARKMAN HASKELL, JR.
NANCY EMMA HEGENER
MARTIN HOWARD HESS
GEORGE LOWELL HILL
EILEEN HOFFMAN, Honors in Liberal Arts and Sciences with Distinction in Spanish
- THOMAS ADRIAN HOLTERHAUS
JOHN CLARENCE JAMIESON
ALEXANDRE JANKOWSKY
IRMGARD JOCHUM, Honors in Liberal Arts and Sciences with Distinction in German
- THOMAS ANGLIN JOYCE
KATHLEEN JOANN KAPELLAS
ALAN FREDERICK KAUR
BRUCE MARION KELLEY
JACK GILBERT KLUG
HOWARD ARNOLD KOSOVSKE, Honors in Liberal Arts and Sciences
- WILLIAM JOHN LUNDELL
KENNETH GLENN MADISON, Honors in Liberal Arts and Sciences with Distinction in History
- PHYLLIS JEAN MARLOW
MARGARET OLIVIA MARTINEZ
ZAY ELIZABETH MCCOLL
FRANCES NORA MEINDERS
CHARLES ANTONE MILLER
LORNA ESTELLE MUEGGENBORG, Honors in Liberal Arts and Sciences
- JOHN CHRISTOPHER MULGREW
MARTHA MULLIKEN
JOAN ELLEN NEET
JOSEPH EUGENE OBERTO
PATRICIA JOAN O'BRIEN
PATRICK DAVID PERSAUD, Honors in Liberal Arts and Sciences
- WILLIAM BARSLEY PIKE
PETER FOWLER-HOPKINS PRIEST
DAVID DAY RADEMACHER
HENRY ROSEMONT, JR., Honors in Liberal Arts and Sciences with Distinction in History and High Distinction in Philosophy
- MARGIE SCHAEFER, Honors in Liberal Arts and Sciences with Distinction in English
- ARNOLD JOEL SCHNEIDER
STUART PHILLIP SHAPIRO
JOHN CARL SKRODER
WILLIAM PATRICK SLATTERY
WILLIAM STRASSER
SALVATORE ROSARIO STRAZZANTE
RITA MAE SWANSON
CHARLOTTE RAY TATE
PATRICIA STENVICK VICKERS
STEPHANIE STIEFEL WALDBAUER
RICHARD ALAN WALDMAN
JOHN CARL WEINMAN
MELVYN GEORGE WEISSMAN
JOHN HOWARD WILLIAMS
PATRICIA JEAN WILSON
KENNETH BERNELL WURZBURGER

In the Teaching of English

- | | |
|---|---|
| ROBERTA ELLEN ABELL | BARBARA SUE GORDON |
| JEANNE IRIS BLUME, Honors in Liberal Arts and Sciences | CAROLYN SUE HALL |
| HELEN RODEMER CODDINGTON, Honors in Liberal Arts and Sciences | WILLIAM HAROLD KINKADE |
| RICHARD JEWELL DALCHE, Honors in Liberal Arts and Sciences | ROY COADY MARKS |
| ANNE MARIE FERRELL | JULIE GILBERT MCGUIRE |
| | LEAH MEYER |
| | MARY KAY CLARE O'GRADY, Honors in Liberal Arts and Sciences |

In the Teaching of French

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| ANNABEL VOGT ALLEN | DONNA OFFENBACKER OHLSON, Honors in Liberal Arts and Sciences |
| ADA JEAN BROVERMAN, Honors in Liberal Arts and Sciences with Distinction in the Curriculum | |
| ARLENE SUSAN BYMAN, Honors in Liberal Arts and Sciences with Distinction in the Curriculum | |

In the Teaching of German

- | | |
|---|--|
| MARY BARBARA ACKLAND, Honors in Liberal Arts and Sciences with High Distinction in the Curriculum | WILHELM DOMINIKUS ECK |
| EDWARD LEE ALLEN | RUDOLF HERMANN SZILLAT, Honors in Liberal Arts and Sciences with Distinction in the Curriculum |

In the Teaching of Latin

- MARY JILL MUSSELMAN, Honors in Liberal Arts and Sciences

In the Teaching of Social Studies

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|--|---|
| HAROLD COLEMAN | MARY ANN SCHIEMER |
| GAIL EVE GARVEY | EKKEHARD-TEJA PETER WILKE, Honors in Liberal Arts and Sciences with Distinction in the Curriculum |
| ADIE RUTH GORBACH, Honors in Liberal Arts and Sciences | |
| MARY ANN HAUN, Honors in Liberal Arts and Sciences | |

In the Teaching of Spanish

- WARREN LOUIS BRICKNER
RUTH HANNAH HEXDALL, Honors in Liberal Arts and Sciences with Distinction in the Curriculum

Degree of Bachelor of Science*In Chemical Engineering*

- | | |
|---|--|
| CARL FRANK ABEGG | MICHAEL EDWARD O'LAUGHLIN |
| RONALD LORNE ELLERBECK | KURT LEOPOLD SCHOENRADE |
| HUGH SCOTT FOGLER, Honors in Liberal Arts and Sciences with Distinction in the Curriculum | CLIFFORD WILLIAM SCHWARTZ |
| DONALD LEE JOHNSON | ERNEST ALAN UEBLER, Honors in Liberal Arts and Sciences with Distinction in the Curriculum |

In Chemistry

- | | |
|---|--|
| ROBERT JAMES ANDERSON | FREDERICK ANTON ROSE, Honors in Liberal Arts and Sciences with Distinction in the Curriculum |
| RICHARD EDWIN BROWN | |
| WILLIAM COLILLA | |
| PERH YOC HUI, Honors in Liberal Arts and Sciences with High Distinction in the Curriculum | |

In Home Economics

- PRISCILLA FETT MITCHELL

In Liberal Arts and Sciences

RUSSELL ERNEST BAER, JR.
 BRADLEY DUANE BRAHY
 ROBERT JOHN CLARK, Honors in Liberal Arts and Sciences
 JAMES DWIGHT COLLEEN
 BARBARA ELLEN EVERS
 CARY MICHAEL FELDMAN, Honors in Liberal Arts and Sciences
 RONALD MOORE FOSKETT
 ALICE GILMAN, Honors in Liberal Arts and Sciences
 MARTINA BASILIO GOLD
 GARY GREENBERG
 ROBERT WILLIAM JUGENHEIMER, JR.
 KIRK RANDALL KENNEDY
 BONNIE RAE KERRIGAN, Honors in Liberal Arts and Sciences
 TOSHIKO KOIDE, Honors in Liberal Arts and Sciences
 KARL RICHARD KRAUSS
 RUTA KVIKLYS
 JOSEPH JOHN LAGIOIA, JR.
 FRANCES JOAN MASSER, Honors in Liberal Arts and Sciences with Distinction in Mathematics
 CONSTANCE LOUISE MAURER
 TROY ANTHONY MAYR, Honors in Liberal Arts and Sciences

JIMMY DALE MEADOR
 HELEN ROSE NIECIKOWSKI
 GERALD JOSEPH OBERNDORFER
 JOSEPH REED PORTER, JR.
 JAMES BURTON RADEN, Honors in Liberal Arts and Sciences
 JOSEPH JOHN REMBUSCH
 JOEL WILLIAM ROBBIN, Honors in Liberal Arts and Sciences with Highest Distinction in Mathematics
 EDUARDO RODRIGUEZ
 WILBUR KIRKWOOD ROSENKRANZ, Honors in Liberal Arts and Sciences
 PETER ANTHONY RUBIS
 CHRISTINE IRENE RYCHLINSKI
 ALI SALHI
 ROBERT GERALD STEIN
 SIDNEY STRAUSS
 JOHN DUANE UNZICKER
 VIRGINIA ANN VALONIS
 GEORGIA MAE WEMHANER, Honors in Liberal Arts and Sciences
 BETTY JONES WHITTEN
 THOMAS DANIEL WISNIEWSKI
 WILLARD ERWIN WOODWARD
 LYDIA TERESE ZEBRAUSKAS

In the Teaching of the Biological Sciences and General Science

JUDY ANN ABLINGER, Honors in Liberal Arts and Sciences with Distinction in the Curriculum

AUDREY ELIZABETH BRUCKNER
 JOHN DAVID HAERTEL
 CARLINE ATHALEA SCHWEGLER

In the Teaching of Mathematics

SUSAN DIANE BARNETT

MAE THELMA HUMBLE

In the Teaching of Physics

MILES ANTHONY NELSON

COLLEGE OF LAW

Degree of Bachelor of Laws

DONALD ROBERT ALDEEN, A.B., 1960
 KENNETH RAYMOND BOYLE, A.B., 1960
 STEPHEN MICHAEL CONHAIN, A.B., 1959
 ALFRED WILLIAMS COWAN, JR., A.B.,
 Beloit College, 1958
 ROGER B. GOMIEN, B.S., 1956
 VANCE IVAN KEFLEY, B.S., 1960

LAWRENCE GREGORY LILLY, B.S., 1960
 LARRY LEE SPEARS, A.B., Southern
 Illinois University, 1959
 GEORGE STRICK, A.B., 1959
 FRED LOUIS WHAM III, B.S., 1959
 RONALD WILDER

COLLEGE OF EDUCATION

Degree of Bachelor of Science

In Education

VIRGENE SPENCER ANDERSON
 JAMES VINSON EYRE
 ELIZABETH HARRYMAN
 DOROTHY ENGLEBRETSSEN HUMES,
 High Honors

HALE KOLAY
 LOWELL LEON LEFEBVRE, JR.
 CHARLENE UMBRIGHT ORR

In the Education of Mentally Handicapped Children

SONDRA PEARSON MARCHIANDO

In Elementary Education

JEAN PATRICIA BARR	ROSALIND MAVIS NOVAK
EDNA RUTH BILLINGSLEY	MARGARET PAIGE
BARBARA TURNIPSEED BONNER	JUDY FERN ROBINSON
JUDITH MARIE BORECZKY	LARRY EUGENE RODERICK
ELEANOR JOYCE BRAUN	ARLENE RITA ROIN
JEAN ELIZABETH BROWNLEE	ROBERTA SUSAN SAX
CAROL ANN CROUT	PATRICIA ANN SCHABOW
MARY DANDELES	NANCY JEAN SCHREIBER
ELONA SHERMAN DYNER	PHYLLIS ETHEL SCHUMM
BARBARA KNIGHT GATSCHÉ	CAROL MARION SCHWAB
PATRICIA GLEASNER GOETZ	CONSTANCE ALEXANDER SHORTER
JUDITH HIRSCH	SHARON ZITA STONE
MARGARET ANN HOLDER	NANCY ELLEN STRAWSER
HARRIET ELIZABETH HOUSE	ADA RENEE SUTKER
JUDITH POTTS JOHNSON, High Honors	HELEN AIKO TADEMARU
BARBARA JOAN KALVER	ELLEN POULOS THORPE, Honors
JEANETTE HENRIETTA KOOP	ANNA VALENTINA VITEK
IRENE NANCY LARSON	KATHLEEN HEALY WALTZ, High Honors
JOAN IRENE McCAMENT	JOY ROBIN WILLEY
SUZANNE KAY MENZ	KAREN NICCUM WOOLEY
ESTHER SUE MOZINSKI	CATHERINE JOYCE ZAKAS
ALICE KISHIYE MURATA	

In Industrial Education

MYRON JOHN BABLER	JOHN PAUL NEMESNYIK
ALISON DEAN COTTON	RAYMOND GEORGE POSSEHL
DONALD LIEN	ROY DALE POST
EDWARD THOMAS McNAMARA, Honors	DEAN GORDON SPIELMAN

COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION

Degree of Bachelor of Science

In Accountancy

ARTHUR MARVIN CALLISTEIN, Honors	JOHN EDWARD McENROE
JEROME ANDREW CIECIWA	LARRY LeROY PHELPS
HARRY WILLIAM CONRAD	MARVIN HARRY PILCHEN, High Honors
MARSHALL SEYMOUR DAPIN	ROBERT KRAUS REGAL
LEE ALFRED DREYFUS	NEIL LeROY RENDALL
MARK LOUIS DYER	WILLIAM LAWRENCE ROMANS
GARY LEE FISH	EDWARD LOUIS ROSEN, Honors
LEE EDWARD FISHER	ROBERTA DIANA ROZANSKY, Honors
WILLIAM ANDREW GREGURICH	GERALD LEW SALZMAN
JOHN SVIATOSLAUS GULA	ROBERT RICHARD SCHMIDT
EUGENE JACK HARRIS	ALBERT WALDO SCHROEDER
WILLIAM JOSEPH JANSER	DONALD RAY SWINFORD
WILLIAM HENRY JOHNSON	JAMES CLARK TARY
JEROLD KAREL	ARDEN RAYMOND TAUBE
THEODORE KAVOORAS	MARVIN LEONARD WEITZENFELD

In Commerce and Law

JOHN WILLIAM EASTERBROOK	CHARLES JOSEPH WALTERS, JR.
CRAIG EUGENE MCGUIRE	JULIUS JAMES ZSCHAU

In Commercial Teaching

IRENE RIMA LIZDENIS	DIXIE FELLIN WULF, Honors
PATRICIA ANN WISE	

In Economics

RICHARD EDWARD BEGLER
 BIRTUS WARREN BRUCE
 JAMES BARRIE BUTTERWORTH, Honors
 GEORGE WILLIAM CLARK
 BOYD RUSSELL COATS

PETER G. FOX
 THOMAS VINCENT KANE
 CHARLES EDWARD KING
 RICHARD DALE REGENTZ
 STANLEY VANAGUNAS

In Finance

ROBERT PAUL CORNELISEN
 JAMES EUGENE DRESMAL
 ROBERT FRANCIS FAHEY
 DAVID ROSS GEIST
 PAUL THOMAS GOLDMAN
 STANLEY DAVID GREEN
 AHMAD DAUOD MOHAMMAD ISSA,
 Honors
 WILLIAM LAW JOHNSON

RICHARD CHARLES KAMMANN
 HERBERT KANTER
 DALE EDWARD KUCERA
 ROBERT JOHN KUNATH
 ANTHONY PERTILE
 JAMES ORLEN VOLDEN
 FRANK KNIGHT VORIS
 MYRON CLYDE WARSHAUER

In Industrial Administration

WILLIAM JOSEPH ABBOTT
 RONALD GEORGE ACTIS
 ROBERT BURNS BARKER
 JOHN WALTER DORFMEISTER

JAMES EUGENE EWART
 NEAL ERWIN KOTTKE
 JOHN YALE SCHRADER, JR.
 FRANK EDWARD SIEGEL

In Management

DUANE EVERETT CARTER
 DONALD JAMES DAY
 LORRAINE JOAN FUNK
 JAMES MASON GOSE
 REIN GUTMANN
 BRUCE ALLEN HAAN
 JOHN WILLIAM HADLEY
 RICHARD KIMMEL HAINES
 ROBERT JOHN HILGENBERG
 JERRY RICHARD JAMES
 RICHARD EDWARD KOLER
 EDWARD EARL KROLL, JR.
 DONALD MICHAEL KURUCZ
 ROBERT CHARLES LANE

GORDON HAYWARD McCANLISH
 ALLAN NELSON NEWMAN
 THOMAS MICHAEL O'BEIRNE
 JAMES ERNEST PANKRATZ
 ROBERT ROLLAND PFEIFFER
 JACKIE EDWARD RIDDLE
 STEVEN RICHARD ROMAN
 ROBERT GREGORY SCHROEDER
 JOHN EDWARD SHANAHAN
 JOSEPH FRANK SOMMER
 JOHN FREDERICK STOUT
 EDWARD HENRY THOMPSON
 DAVID MURRAY WUESTEMAN
 JON RICHARD ZEMANS

In Marketing

JAMES L. ALLEN, JR.
 CHARLES EDWARD DIDRICKSON
 RICHARD MURRAY FRENZEL
 LAWRENCE STEPHEN KOPP
 RONALD LEE KUYKENDALL
 JOHN ROBERT METZ
 DARYL BURTON MORSE
 DAVID MILLS NEUPERT
 BRUCE ALLAN NEWCOMB
 JAMES ARTHUR PLOEGER

JOHN GORDON RICHARDSON
 RONALD RUBIN
 ARTHUR AMSTER SERCK
 DAVID WADE STORER
 JACK CHARLES THORNTON, JR.
 JOHN FREDERICK TROST
 BURTON CHARLES USEN
 CHARLES STANLEY WASSERMAN
 PHILIP HARRY WENZ
 BERNIE ALLEN WOLFE

In Secretarial Training

NANCY LEE CROSBY
 DONNA MAE WEISINGER

MARILYN ELEANOR WOLF

In Urban Land Economics

BYRON LEONARD KERMEEN

COLLEGE OF JOURNALISM AND COMMUNICATIONS

Degree of Bachelor of Science

In Communications

MICHAEL ARNOLD ADLER	DONALD STUART FINLAYSON
DAVID LEE BEAL	KENNETH WILLIAM FISHER, Honors
KENNETH MICHAEL BOEHM	JAMES MAURICE FOSTER
KENNETH ALLAN BONNEM	THOMAS DANIEL GORMAN
ROBERT NELSON CARMICHAEL	PATRICK LEO HANAFEE
DIANA LEE CARTER	JANAAN OLSON KITCHEN
CHARLES CHALLENGER COANE	EMILY MELINDA LAPIN
CHERYL CLARK CRANE	BARBARA JOANNE OETTEL
RICHARD MICHAEL DUDLEY	RICHARD PARKINSON PEASE
ROBERT ORAL ENDRES	MARJORIE PHYLLIS TEPPER

COLLEGE OF FINE AND APPLIED ARTS

Degree of Bachelor of Architecture

JOSEPH BABAT	JERRY LEON LATTA
RICHARD THOMAS BANKS	THOMAS JAMES LEHNER
WALTER ARTHUR BROWN	DAVID LE ROY LINDQUIST
GEORGE REED CHAPMAN, JR.	JALALEDDIN MIZANI
DONALD LEE DONEY	ROBERT THADDEUS MOONEY
ROY ABBOTT ETNYRE	WALTER THOMAS MOSKE
DON HERMAN GAUL	JOHN EUGENE NUNEMAKER
SUZANNE MARIA GELLER	LESTER SCHADER OLDS
HERBERT MICHAEL GOULD	DONALD LEE PETING, Honors
RICHARD RUSSELL GROMM	JOHN SPENCER REYNOLDS, Highest Honors
WALTER SCOTT HALLEN	FREDERICK STEWART ROLAND
ANDREW LOUIS HEARD	JEROME DEAN SAGER
LEONARD HILARY	IRVIN BRUCE SCHAFER
GALE ALLEN HILL	SHELDON ARNOLD SCHLEGMAN
NORMAN CLARE HINTZ	MIRO SICH
GARY FOSTER HODSON	EDWARD ROMUALDAS SKALISIUS
ALGIRDAS JOSEPH JAKSTYS	MICHAEL RICHARD SOMIN
JAMES NICKOLAS KALAS	CHARLES THOMAS URBAN
THOMAS ALLAN KAMIS	MARVIN LOREN WHITAKER
THEODORE EDWARD KLOSS	BERNARD MARSHALL WIDEROE
DAVID OSBORNE KNAPP	

Degree of Bachelor of Fine Arts

In Advertising Design

JOSEPH JAMES KENNEDY	DONALD DANIEL SZYMANSKI
SANDRA SWAIN MCWHINNEY, Highest Honors	

In Art Education

LEATRICE YVONNE EDWARDS, High Honors

In Industrial Design

DONALD JOSEPH BOBREN	PATRICIA ANN ROGERS, Honors
MITCHELL MARTIN KAPLAN	FLOYD DALE ROUSH
MARVIN BENTLY LIPOFSKY	DONALD DEWARD SMITH
KENNETH DEL LOVE	CARL BILL STRAND

Degree of Bachelor of Music

GENE ROBERT NOLAND

Degree of Bachelor of Science

In Architectural Engineering

GILBERT DEAN LANDES

In Music Education

BEVERLY ANN ARMSTRONG, Highest Honors	EDWIN JOE GAYLORD
WILLIAM ARTHUR BRAHMS	JUDITH ANN HILL, Honors
GENE PAUL CECH	HAROLD FREDERICK HUBER
MARILYN SUE FLUSS	WARREN SCOTT MELAND
CHARLENE WING GATES	LARRY GENE NEEMANN
	BETTY TUCKER SIMS

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

ROBERT JULIUS ADAMS	ALBERT MORRIS WARE
MARY BARBARA GOWER	

In Physical Education

RICHARD LESHER ANDERSON	JACOB DAVID LIFSHIN
JAMES HAROLD BISHOFF	PETER THOMAS MAGNABOSCO
JACK HOWARD CHANCE	JANET GREENBERG MELNIK
WILLIAM FREDERICK CLIFFORD	MILAN O'BRADOVICH
DAVID TERRENCE DAHL	ANTHONY KARL PARRILLI
GERALD GEORGE FISCHER	EDWARD STANLEY SCHMIDT
MARTHA HUXTABLE HARRIS	LOUIS PETER SKIZAS
GARY DON HEMBROUGH	LEE BERT HAMILL SOMERS
JOSEPH PATRICK HUYLEY	RONALD GREGORY STOPKA
ERNEST WILLIAM KUMEROW	PEGGY PAULSON TITUS

In Recreation

GLENN ROGER CERVENY	JOHN DAVID WILLIAMS
ANDREW EZRA WHITE	LARRY ARTHUR WOODCOCK

DIVISION OF SPECIAL SERVICES FOR WAR VETERANS**Degree of Bachelor of Science**

SPENCER CROSBY SAVAGE

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

JOAN MARTIN ARNOLDI	ROBERT PAUL SCHMIDT
NORBERT LEO ARNOLDI	RONALD ALLEN SWANSON
LARRY STUART GOODWIN	

EXECUTIVE SESSION

On motion of Mr. Clement, an Executive Session was ordered for consideration of a property acquisition.

ACQUISITION OF PROPERTY AT 1009 WEST GREEN STREET, URBANA

(1) The Board of Trustees on November 28, 1961, approved the design of the Illinois Street Residence Halls for single students, to be constructed in the area between Green Street and Illinois Street, Urbana, east of the present Student Staff Apartments. Construction is scheduled to start in the fall of 1962 with occupancy in the fall of 1964.

In order to assure that the site is available to meet the time schedule, representatives of the University have been negotiating for the purchase of the property at 1009 West Green Street, Urbana, which is the only remaining parcel not owned by the University in the area required for construction of the halls, with the understanding that this property must be made available by not later than July 1, 1962.

The property consists of a lot 90 feet by 267 feet, with a three-story and basement frame house, formerly a fraternity house and subsequently converted into an apartment house with eight apartments. There is also a garage on the premises. Appraisals range from \$66,380 to \$75,000.

The Director of the Physical Plant and the Vice-President and Comptroller recommend the purchase of this property at a price of \$68,000 and have made the owner a tentative offer to buy subject to approval of the Board of Trustees. They further recommend that if the University's offer is not accepted by March 2, 1962, the Board authorize the institution of condemnation proceedings for the acquisition of the property.

On motion of Mr. Pogue, the purchase of this property, at the price recommended, was authorized by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Hr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Kerner, Mr. Wilkins.

Resolution

Be It, and It Is Hereby Resolved, Found, and Declared by this Board of Trustees of The Board of Trustees of the University of Illinois, a body corporate and politic and a public corporation of the State of Illinois, that the following-described real estate situated in the County of Champaign, in the State of Illinois, to-wit:

The West Half (W ½) of the West Three-fifths (W ⅔) of Lot Two (2) in Block Three (3) in Burpee, Curtiss and Somers' Addition of Out Lots to the City of Urbana, except the West Five (5) feet thereof and except the South One Hundred Ninety-nine and Sixty-four Hundredths (199.64) feet thereof, situated in the City of Urbana, County of Champaign, and State of Illinois:

is needed by the University of Illinois, an educational institution established and supported by the State of Illinois, for a site for residence halls buildings for single undergraduate students and for related educational purposes conducted and to be conducted by said University of Illinois and for the further expansion of the educational facilities of said University of Illinois and to enable said University of Illinois to discharge its duty to the people of said State and for public use; that funds have been appropriated by the General Assembly of the State of Illinois for the purchase of said land for said educational purposes; that this Board of Trustees has negotiated with the owner of said land through her duly authorized representatives for the purchase of said land at a price which this Board of Trustees considers fair and reasonable and which it finds constitutes the present market value of said land, but that said owner has refused to sell and convey said land, or any portion thereof, to said The Board of Trustees of the University of Illinois for such price and continues to refuse to sell and convey the same to it except for a consideration and price which this Board of Trustees deems unreasonable and excessive and is, therefore, unwilling and has refused to pay; and

Be It, and It Is Hereby Further Resolved, Found, and Declared by this Board of Trustees of The Board of Trustees of the University of Illinois that the compensation to be paid by it for said land cannot be agreed upon between this Board of Trustees and the owner of said property and she and it are unable to agree upon the purchase price to be paid to said owner for the sale and conveyance of said land by said owner thereof to said The Board of Trustees of the University of Illinois; and

Therefore, Be It, and It Is Hereby Further Resolved, Found, and Declared by this Board of Trustees of The Board of Trustees of the University of Illinois that because of said need of the University of Illinois for said land for the purposes hereinabove set forth and because the compensation to be paid to the owner thereof for such land cannot be agreed upon between her and this Board of Trustees, it is necessary for The Board of Trustees of the University of Illinois to take said land and acquire title thereto through the exercise by it of the right of eminent domain conferred upon it by law and to have the compensation to be paid by it to the owner thereof and any and all other persons who may have any

right, title or interest in and to said land determined in the manner provided by law for the exercise of said right and power of eminent domain; and

Be It, and It Is Hereby Further Resolved by this Board of Trustees of The Board of Trustees of the University of Illinois that the necessary and appropriate action be taken for the acquisition of title to said property by said The Board of Trustees of the University of Illinois and to have the compensation to be paid therefor determined by the institution and prosecution to completion of a proceeding in eminent domain in a court of competent jurisdiction and that the Legal Counsel of the University be, and he is hereby, authorized to proceed accordingly, to institute and prosecute an eminent domain proceeding in the name and on behalf of The Board of Trustees of the University of Illinois for the acquisition of said land and the determination of the compensation to be paid by it therefore, and to employ such special legal counsel, appraisers, and others as he may deem necessary or desirable to assist him in the institution and prosecution of said proceeding.

On motion of Mr. Pogue, the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Harewood, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Kerner, Mr. Wilkins.

On motion of Mr. Clement, the Board adjourned.

A. J. JANATA
Secretary

KENNEY E. WILLIAMSON
President