

MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

March 14, 1961



The annual meeting of the Board of Trustees of the University of Illinois was held in the Illini Union Building, Urbana, Illinois, on Tuesday, March 14, 1961, beginning at 9:00 a.m.

The following members of the Board were present: Mr. Howard W. Clement, Mr. Irving Dilliard, Mr. Richard A. Harewood, Mr. Earl M. Hughes, 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. Wirt Herrick, former Trustee, attended the meeting as a guest of the Board.

Also present were President David D. Henry, Professor Norman A. Parker, Vice-President for the Chicago Undergraduate Division, Dr. Joseph S. Begando, Vice-President in charge of the Chicago Professional Colleges, Executive Dean C. C. Caveny of the Chicago Undergraduate Division, Director C. S. Havens of the Physical Plant, Mr. Ralph F. Lesemann, Legal Counsel, Mr. C. E. Flynn, Assistant to the President and Director of Public Information; and the officers of the Board, Mr. H. O. Farber, Comptroller, and Mr. A. J. Janata, Secretary.

MINUTES APPROVED

The Secretary presented the minutes of the meetings of the Board of Trustees on September 21 and October 19, 1960, press proof copies of which have previously been sent to the Board.

On motion of Mr. Swain, these minutes were approved as printed on pages 89 to 191, inclusive.

MR. IRVING DILLIARD

Mrs. Watkins, speaking on behalf of the other Trustees, welcomed Mr. Irving Dilliard as a new member of the Board.

ELECTION OF TEMPORARY CHAIRMAN

Mr. Johnston proposed the re-election of the present officers of the Board of Trustees, and nominated Mr. Timothy W. Swain as President, *Pro Tempore*, of the meeting. Mr. Swain was so elected by acclamation and took the chair.

ELECTION OF OFFICERS

Mr. Swain called for nominations for the offices of President, Secretary, and Comptroller of the Board of Trustees.

Mr. Johnston nominated Mr. Kenney E. Williamson for the office of President of the Board.

Mr. Clement nominated Mr. A. J. Janata for the office of Secretary of the Board.

Mr. Harewood nominated Mr. H. O. Farber for the office of Comptroller of the Board.

There being no other nominations, on motion of Mr. Harewood the nominations were closed and the Secretary was instructed to cast the unanimous ballot for the election of the above named officers to serve until the next annual meeting in March, 1962, or until their respective successors shall have been duly elected and qualified. The ballot was so cast, and Mr. Kenney E. Williamson, Mr. A. J. Janata, and Mr. H. O. Farber were declared elected President, Secretary, and Comptroller of the Board, respectively.

Mr. Williamson took the chair and expressed his appreciation of the confidence of the Board in re-electing him as its President.

EXECUTIVE COMMITTEE

Mr. Pogue nominated Mrs. Frances B. Watkins and Mr. Wayne A. Johnston to serve as members of the Executive Committee, with the President of the Board as Chairman, for one year, or until their successors shall have been elected and qualified.

On motion of Mr. Harewood, the nominations were closed and the Secretary was instructed to cast the unanimous ballot of the Board for the election of Mrs. Watkins and Mr. Johnston as members of the Executive Committee. The ballot was cast and they were declared elected.

TREASURER OF THE BOARD

Mr. Hughes nominated Mr. C. W. Weldon as Treasurer of the Board.

On motion of Mr. Johnston, the nominations were closed and the Secretary was instructed to cast the unanimous ballot of the Board for the election of Mr. Weldon as Treasurer of the Board of Trustees to

serve until the second Tuesday in March, 1963 (March 12, 1963), or until his successor shall have been elected and qualified, in accordance with the statutory provision of a biennial term for Treasurer.

On motion of Mr. Clement, the Board recorded its appreciation of the services of its officers during the past several years.

TREASURER'S BOND

On motion of Mr. Swain, the amount of the Treasurer's bond was fixed at \$6,000,000.

On motion of Mrs. Watkins, the Finance Committee was instructed to see that the Treasurer presents a satisfactory bond in the amount specified, and to report the same to the Board for approval.

AUTHORITY TO RECEIVE MONEYS

Mr. Swain offered the following resolution and moved its adoption:

Resolved, that the Treasurer of the Board of Trustees of the University of Illinois be, and he hereby is, authorized to receive and receipt for all moneys, and to endorse all orders, drafts, and checks due and payable to the Board of Trustees or to the University of Illinois, and especially all drafts drawn by the Treasurer of the United States payable to the Board of Trustees of the University of Illinois.

This resolution was adopted.

DELEGATION OF SIGNATURES

Mrs. Watkins offered the following resolution, and moved its adoption:

Resolved, that the President and the Secretary of the Board of Trustees of the University of Illinois are authorized to delegate the signing of their names as President and Secretary, respectively, to vouchers to be presented to the Auditor of Public Accounts, and to warrants drawn on the Treasurer of the University, under the following conditions.

The President of the Board of Trustees is authorized to delegate to L. M. Dahlenburg and to W. D. Green in Urbana, and to J. E. Osborn, to W. E. Cowart, and to H. O. Albers in Chicago, and to Edward F. Lis and to Helen Culbertson in Springfield, authority to sign his name as President of the Board of Trustees to vouchers against the Auditor of Public Accounts; and to C. C. DeLong, to R. W. Zimmer, and to R. F. Wood in Urbana, and to J. E. Osborn, to W. E. Cowart, and to H. O. Albers in Chicago, authority to sign his name to warrants on the University Treasurer covering vouchers approved in accordance with regulations approved by the Board.

The Secretary of the Board of Trustees is authorized to delegate to Maude Archdeacon, to George H. Bargh, and to Everett G. Smith in Urbana, and to G. R. Moon, to Velma M. Davis, to Helen Wyle, and to Genevieve R. Mutka in Chicago, authority to sign his name as Secretary of the Board of Trustees to vouchers against the Auditor of Public Accounts and to warrants on the University Treasurer, covering vouchers approved in accordance with regulations of the Board. The Secretary of the Board of Trustees is authorized to delegate to Mrs. Freda M. Hicks and to Lean C. Ryan in Springfield, authority to sign his name as Secretary of the Board of Trustees on vouchers against the Auditor of Public Accounts approved in accordance with the regulations of the Board. These authorizations are to continue in effect until the Auditor of Public Accounts has been supplied with specimen signatures of succeeding officers of this Board. And be it further

Resolved, that the First National Bank of Chicago as a designated depository of C. W. Weldon, Treasurer of this corporation, be and it (including its correspondent banks) is hereby requested, authorized, and directed to honor checks, drafts, or other orders for the payment of money drawn in this corporation's name, including those drawn to the individual order of any person or persons whose name or names appear thereon as signer or signers thereof, when bearing or purporting to bear the facsimile signatures of the two following: Kenney E.

Williamson, President, and A. J. Janata, Secretary; and the First National Bank of Chicago (including its correspondent banks) shall be entitled to honor and to charge this corporation for all such checks, drafts, or other orders, regardless of by whom or by what means the facsimile signature or signatures thereon may have been affixed thereto, if such facsimile signature or signatures resemble the facsimile specimens duly certified to or filed with the First National Bank of Chicago by the Secretary or other officer of this corporation. And be it further

Resolved, that the Auditor of Public Accounts is hereby authorized and directed to honor vouchers bearing facsimile signatures of the President and Secretary of the Board of Trustees of the University of Illinois if such facsimile signatures resemble the facsimile specimens duly certified to or filed with the Auditor of Public Accounts by the Secretary.

This resolution was adopted.

UNIVERSITY RETIREMENT SYSTEM REPRESENTATIVES

President Williamson called attention to the vacancy in the representation of the Board of Trustees of the University of Illinois on the Board of Trustees of the University Retirement System of Illinois due to the fact that Mr. Wirt Herrick's term as Trustee of the University has expired.

On motion of Mr. Pogue, Mr. Clement was elected to fill this vacancy on the Board of Trustees of the University Retirement System of Illinois.

STANDING COMMITTEES FOR 1961-62

The President of the Board appointed the following standing committees to serve during the year 1961-62, or until their successors have been appointed following the annual meeting of the Board of Trustees in March, 1962.

Agriculture

EARL M. HUGHES, Chairman
HOWARD W. CLEMENT
IRVING DILLIARD

Alumni

IRVING DILLIARD, Chairman
HOWARD W. CLEMENT
MRS. FRANCES B. WATKINS

Athletic Activities

HAROLD POGUE, Chairman
IRVING DILLIARD
RICHARD A. HAREWOOD

Buildings and Grounds

HAROLD POGUE, Chairman
HOWARD W. CLEMENT
RICHARD A. HAREWOOD
EARL M. HUGHES
WAYNE A. JOHNSTON
TIMOTHY W. SWAIN

Chicago Departments

MRS. FRANCES B. WATKINS, Chairman
WAYNE A. JOHNSTON
HAROLD POGUE

Finance

TIMOTHY W. SWAIN, Chairman
WAYNE A. JOHNSTON
MRS. FRANCES B. WATKINS

General Policy

WAYNE A. JOHNSTON, Chairman
RICHARD A. HAREWOOD
HAROLD POGUE
TIMOTHY W. SWAIN
MRS. FRANCES B. WATKINS

Nonacademic Personnel

Also representatives on the Civil Service Merit Board
TIMOTHY W. SWAIN, Chairman
RICHARD A. HAREWOOD
HAROLD POGUE

Patents

HOWARD W. CLEMENT, Chairman
RICHARD A. HAREWOOD
TIMOTHY W. SWAIN

Student Welfare and Activities

RICHARD A. HAREWOOD, Chairman
IRVING DILLIARD
MRS. FRANCES B. WATKINS

University Retirement System Representatives

HOWARD W. CLEMENT
EARL M. HUGHES
KENNEY E. WILLIAMSON

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.

APPOINTMENTS TO THE FACULTY

(1) 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. WALTER J. BOCK, Assistant Professor of Zoology, beginning September 1, 1961, at an annual salary of \$7,000 (B).
2. YELLAPPA C. DAS, Assistant Professor of Civil Engineering, one year from September 1, 1961, at a salary of \$6,600 (D).
3. JOZEF DELEV, Visiting Professor of Microbiology, four months from February 1, 1961, at a salary of \$7,000 (G).
4. ROBERT C. DRYE, Clinical Assistant Professor of Psychiatry, College of Medicine, beginning February 1, 1961, without salary (DY).
5. MILTON EDELMAN, Visiting Associate Professor in the Institute of Labor and Industrial Relations, two months from June 16, 1961, at a salary of \$2,200 (G).
6. ERWIN GROSSMANN, Lecturer with rank of Assistant Professor, Department of Ophthalmology, College of Medicine, beginning January 1, 1961, on one-tenth time, at an annual salary of \$900 (DY10).
7. R. S. JULIAN HAWES, Visiting Associate Professor of Zoology, for the academic year 1961-62, at a salary of \$10,000 (E).
8. THEODORE A. KIERSCH, Associate Professor of Hygiene and Chairman of the Mental Health Division, in the Health Service, beginning September 1, 1961, at an annual salary of \$16,000 (BY).
9. GEORGE H. KLUMPFER, Clinical Assistant Professor of Psychiatry, beginning February 1, 1961, without salary (DY).
10. OWEN G. McDONALD, Clinical Assistant Professor of Surgery, College of Medicine, beginning February 1, 1961, without salary (DY).
11. JOHN R. PHILIP, Visiting Professor of Petroleum Engineering, Department of Mining and Metallurgical Engineering, for two and one-half months from February 16, 1961, at a salary of \$3,000 (G).
12. WINTON SOLBERG, Visiting Professor of History, for the academic year 1961-62, at an annual salary of \$11,500 (E).
13. GEORGE WICKSTEAD, Visiting Associate Professor of Landscape Architecture, Department of City Planning and Landscape Architecture, for the second semester of 1960-61, on one-third time, at a salary of \$1,765 (E33).

Appointments to Nonacademic Staff

The Director of Nonacademic Personnel reports the following appointments to supervisory positions of upper-level responsibility.

1. VICTOR A. ABELL, Computer Programmer I, Statistical Service Unit, beginning February 1, 1961, at an annual salary of \$4,800.
2. GEORGE DODSON, Assistant Tabulating Machine Supervisor, Statistical Service Unit, beginning February 1, 1961, at an annual salary of \$4,800.
3. RICHARD A. MARTIN, Purchasing Assistant II, Purchasing Division, Business Office, beginning January 1, 1961, at an annual salary of \$6,600.
4. CAROL A. MCCOLLOM, Dietitian, Research and Educational Hospitals, beginning January 4, 1961, at an annual salary of \$4,500.

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

CHAIRMANSHIP OF THE DEPARTMENT OF ARCHITECTURE

(2) Professor Alan K. Laing, who has been serving as Chairman of the Department of Architecture since 1954, has asked to be relieved of this administrative assignment at the end of the current academic year, so that he may devote full time to teaching and his own research, and I have approved his request. He will, of course, remain in the Department as Professor of Architecture on full time.

The Dean of the College of Fine and Applied Arts recommends the appointment of Professor Granville S. Keith, a member of the Department, as Professor of Architecture on indefinite tenure and as Chairman of the Department for two

years, beginning September 1, 1961, the salary of this position to be determined when the budget for 1961-62 is submitted to the Board for approval.

The nomination of Professor Keith has been made after consultation with the Executive Committee of the Department and of the College and has the endorsement of the Vice-President and Provost and of the Dean of the Graduate College.

I recommend approval.

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

BUDGETS FOR 1961 SUMMER SESSIONS AND FACULTY APPOINTMENTS

(3) Submitted herewith are the budgets and appointments to the faculty for the 1961 summer sessions. This year there will be two summer sessions and two budgets. The Board of Trustees has authorized the offering of a twelve-week term, to assess the potential demands for extended summer programs, in addition to the traditional eight-week summer session.

The eight-week summer session at Urbana-Champaign will begin June 19 and end August 12; at the Chicago Undergraduate Division this session will begin June 23 and conclude August 18. The twelve-week summer term at Urbana-Champaign will extend from June 24 to September 9, and at the Chicago Undergraduate Division from June 23 to September 8. In the College of Pharmacy, there will be two six-week terms, June 19 to July 29, and July 31 to September 9.

The eight-week summer session budget totals \$858,776 plus a reserve of \$60,173 for Urbana-Champaign; \$11,357 for the Chicago Professional Colleges; and \$100,899 plus a reserve of \$14,101 for the Chicago Undergraduate Division. The twelve-week summer term budget totals \$112,222 plus a reserve of \$22,778 for the Urbana-Champaign campus; and \$40,711 plus a reserve of \$4,289 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, and three-ninths of the salary of the academic year for twelve 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. Hughes, these appointments and the summer session budget were approved, and the President was given authority as recommended. 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.

Summary		
Salaries, Regular Summer Session	<i>Eight-Week</i>	<i>Twelve-Week</i>
Urbana-Champaign.....	\$808 470	\$109 137
Chicago Professional Colleges.....	11 357
Reserve.....	60 173	22 778
<i>Total, Urbana-Champaign and Chicago Professional Colleges</i>	(880 000)	(131 915)
Chicago Undergraduate Division.....	100 899	40 711
Reserve.....	14 101	4 289
<i>Total, Chicago Undergraduate Division</i>	(115 000)	(45 000)
<i>Total, Regular Summer Session Salaries</i>	(995 000)	(176 915)

	<i>Eight-Week</i>	<i>Twelve-Week</i>
Wages, Expense, and Equipment,		
Urbana-Champaign.....	\$17 428	\$3 085
<i>Total, Regular Summer Session</i>	(1 012 428)	(180 000)
Summer Session Youth Music.....	19 300
Summer Session Youth Speech.....	13 578
<i>Total</i>	\$1 045 306	\$180 000

EIGHT-WEEK SUMMER SESSION — URBANA-CHAMPAIGN

	<i>Per Cent</i>	<i>Summer</i>
Accountancy	<i>Time</i>	<i>Salary</i>
1. Gaze E. Lukas, Professor.....		\$ 2 445
2. R. K. Mautz, Professor.....	50	1 589
3. William E. Thomas, Jr., Professor.....		2 556
4. Nelson D. Wakefield, Professor.....		2 445
5. Edwin J. DeMaris, Associate Professor.....		1 889
6. Robert E. Schlosser, Associate Professor.....		2 045
7. Donald H. Skadden, Associate Professor.....	50	1 067
8. Arthur R. Wyatt, Associate Professor.....		2 178
9. Nancy A. Desmond, Instructor.....		1 000
10. Richard F. Page, Assistant.....	50	512
(See twelve-week term).....		(767)
(Total Salary)		(1 279)
		(\$17 726)

Advertising (Journalism)

1. James E. Moyer, Associate Professor.....	\$ 2 167
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Animal Science

1. W. N. McMillen, Visiting Lecturer (June 19 to July 15)....	\$ 1 000
(11 North McDonald Avenue, Decatur, Illinois)	

Anthropology

1. Oscar Lewis, Professor.....	\$ 2 778
2. John C. McGregor, Professor.....	2 600
	(\$ 5 378)

Architecture

1. G. S. Keith, Professor.....	\$ 3 178
2. P. H. Coy, Associate Professor.....	2 089
3. G. M. Hodge, Associate Professor.....	50 1 129
4. J. E. Ambrose, Assistant Professor.....	1 623
5. Tadeusz Janowski, Assistant.....	845
	(\$ 8 864)

Art

1. James R. Shipley, Professor.....	\$ 3 423
2. Warren F. Doolittle, Professor.....	2 667
3. Frank J. Roos, Professor.....	2 400
4. Harold A. Schultz, Professor.....	50 1 289
(See Education)	(1 289)
(Total Salary)	(2 578)
5. Marvin B. Martin, Associate Professor.....	67 1 334
6. Robert A. von Neumann, Associate Professor.....	67 1 156
7. Edward J. Zagorski, Associate Professor.....	2 000
8. Charles W. Sanders, Assistant Professor.....	1 823
9. Raymond B. Brown, Instructor.....	67 771
10. William Fothergill, Instructor.....	1 445
11. Osmond S. Guy, Instructor.....	1 223
12. James J. Hennessey, Instructor.....	67 786
13. Victor G. Kord, Instructor.....	67 786
14. G. David Shaner, Instructor.....	67 816
	(\$21 919)

University of Illinois Bands		Per Cent Time	Summer Salary
1. Everett D. Kisinger, Assistant Director.....		50	\$ 1 056
(See Music)			(1 056)
(Total Salary)			(2 112)
Botany			
1. G. Neville Jones, Professor.....			\$ 2 589
2. Douglas M. Post, Assistant Professor.....			1 623
3. Zane B. Carothers, Assistant Professor.....			1 456
4. Peter R. Atsatt, Assistant.....	50		423
5. Barbara J. Kieckhefer, Assistant.....	50		423
(See twelve-week term).....			(317)
(Total Salary)			(740)
			(\$ 6 514)
Business Education			
1. Floyd L. Crank, Associate Professor.....	50		\$ 833
(See Education)			(834)
(Total Salary)			(1 667)
2. Elizabeth R. Melson, Associate Professor.....	50		1 023
(See Education)			(1 022)
(Total Salary)			(2 045)
3. Ralph E. Mason, Assistant Professor.....	50		909
4. Mildred E. Reed, Assistant Professor.....	50		767
5. Anna K. Mahaffey, Assistant.....	50		473
			(\$ 4 005)
Business Law			
1. Paul C. Roberts, Professor.....	50		\$ 1 267
2. B. F. Kirkpatrick, Associate Professor.....			1 889
3. Robert N. Corley, Assistant Professor.....	50		867
4. John B. Hyde, Assistant Professor.....	50		811
			(\$ 4 834)
Chemistry and Chemical Engineering			
1. Carl S. Vestling, Professor.....			\$ 3 223
2. James W. Westwater, Professor.....			2 289
3. Howard V. Malmstadt, Associate Professor.....			2 200
4. Eric Baer, Assistant Professor.....			1 512
5. Russell S. Drago, Assistant Professor.....			1 667
6. Theron S. Piper, Assistant Professor.....			1 645
7. John A. Quinn, Assistant Professor.....	50		834
8. James L. Brownlee, Jr., Instructor.....			1 334
9. Paul E. Wenaas, Instructor.....			1 400
10. _____, Assistant.....	50		467
11. _____, Assistant.....	50		445
12. _____, Assistant.....	50		467
13. _____, Assistant.....	50		467
14. _____, Assistant.....	50		445
15. _____, Assistant.....	50		423
16. _____, Assistant.....	50		423
17. _____, Assistant.....	50		467
18. _____, Assistant.....	50		445
19. _____, Assistant.....	50		467
20. _____, Assistant.....	50		445
21. _____, Assistant.....	50		445
22. _____, Assistant.....	50		445
23. _____, Assistant.....	50		445
24. Donald Barton, Visiting Assistant Professor.....			1 456
25. _____, Visiting Lecturer.....			2 500
26. _____, Visiting Lecturer.....			2 200
27. _____, Visiting Lecturer.....			2 200

	Per Cent Time	Summer Salary
28. ———, Visiting Lecturer.....		\$ 2 200
29. ———, Visiting Lecturer.....		2 045
30. ———, Visiting Lecturer.....		2 000
31. ———, Visiting Lecturer.....		1 334
		(\$38 335)

Child Development

1. Lila J. Oderkirk, Instructor.....		\$ 1 134
2. Robert B. Smith, Instructor.....	25	356
(See Home Economics).....		(356)
(Total Salary).....		(712)
3. ———, Assistant.....	50	423
4. ———, Assistant.....	25	212
5. ———, Assistant.....	25	212
		(\$ 2 337)

City Planning and Landscape Architecture

1. Brian Hackett, Professor.....		\$ 3 334
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Civil Engineering

1. N. M. Newmark, Professor.....	25	\$ 1 139
2. G. H. Dell, Professor.....		2 223
3. Richard S. Engelbrecht, Professor of Sanitary Engineering..		2 223
4. Edwin H. Gaylord, Jr., Professor.....		3 000
5. William J. Hall, Professor.....		2 356
6. Narbey Khachaturian, Professor.....		2 000
7. William H. Munse, Professor.....	50	1 445
8. Moreland Herrin, Associate Professor.....	50	1 000
9. Arthur R. Robinson, Associate Professor.....	50	1 000
10. Mete Sozen, Associate Professor.....	50	945
11. Melvin T. Davisson, Assistant Professor.....	50	778
12. George E. Triandafilidis, Assistant Professor.....	50	756
13. Steven J. Fenves, Instructor.....	50	800
14. ———, Instructor.....	25	350
15. ———, Instructor.....	25	350
		(\$20 365)

Civil Engineering (Summer Surveying Camp)

1. Milton O. Schmidt, Professor and Camp Director (June 19 to August 26).....		\$ 3 467
2. Edward H. Coe, Associate Professor (Chicago Undergraduate Division) (June 19 to July 22).....		1 278
3. Houssam M. Karara, Assistant Professor (June 19 to August 26).....		2 000
4. Jerry R. Masters, Assistant (June 19 to July 22).....		625
5. Walter A. Scott, Assistant (June 19 to August 26).....		1 250
		(\$ 8 620)

Classics

1. John J. Bateman, Assistant Professor.....		\$ 1 667
2. Antonio Tovar, Visiting Lecturer.....	75	2 000
(128e Lincoln Hall)		
		(\$ 3 667)

Digital Computer Laboratory

1. Kern W. Dickman, Research Associate.....	75	\$ 1 167
2. Paul R. Lipinski, Assistant.....	50	445
		(\$ 1 612)

Division of General Studies

1. John F. Glawe, Instructor in Biological Science.....		\$ 1 334
2. Clarence A. Poxon, Instructor in Physical Science.....		1 223
3. Donald A. Levin, Assistant in Biological Science.....	50	423
		(\$ 2 980)

Economics		Per Cent Time	Summer Salary
1. J. F. Bell, Professor.....	50	\$ 1 945	
2. John B. Parrish, Professor.....		2 623	
3. Thomas A. Yancey, Associate Professor.....		2 000	
4. Franklin R. Shupp, Assistant Professor.....		1 612	
5. Case M. Sprenkle, Assistant Professor.....		1 556	
6. Robert W. Gillespie, Instructor.....		1 612	
7. Sam Barone, Assistant.....	50	423	
8. Karl Marx, Assistant.....	50	423	
9. Aaron Metz, Assistant.....	50	423	
10. John Rowe, Assistant.....	50	423	
11. Russell Snyder, Assistant.....	50	423	
12. William Wallace, Assistant.....	50	423	
			(\$13 886)
Education			
1. Archibald W. Anderson, Professor.....		\$ 2 278	
2. Fred P. Barnes, Professor.....		2 400	
3. Thomas E. Benner, Professor.....		2 856	
4. G. M. Blair, Professor.....		2 256	
5. Harry S. Broudy, Professor.....		2 578	
6. John J. DeBoer, Professor.....		2 289	
7. Rupert N. Evans, Professor.....		2 645	
8. Coleman R. Griffith, Professor.....		3 300	
9. Norman E. Gronlund, Professor.....		2 078	
10. S. G. Hall, Professor of General Engineering (June 19 to July 15)		1 145	
11. Harold C. Hand, Professor.....		3 200	
12. Kenneth B. Henderson, Professor.....		2 545	
13. R. Stewart Jones, Professor.....		2 323	
14. William E. Kappauf, Professor.....		2 845	
15. Walter V. Kaulfers, Professor.....		2 000	
16. Clyde G. Knapp, Professor.....		2 089	
17. John E. McGill, Professor.....		2 112	
18. Perry E. Miller, Professor.....		2 945	
19. Walter J. Moore, Professor.....		2 000	
20. O. Hobart Mowrer, Research Professor of Psychology.....	50	1 611	
(See Psychology)		(1 612)	
(Total Salary)		(3 223)	
21. T. Ernest Newland, Professor.....		2 045	
22. Merle M. Ohlsen, Professor.....	50	1 300	
23. Robert E. Pingry, Professor.....		2 312	
24. Harold A. Schultz, Professor of Art Education.....	50	1 289	
(See Art)		(1 289)	
(Total Salary)		(2 578)	
25. J. H. Shores, Professor.....		2 467	
26. Ray H. Simpson, Professor.....		2 467	
27. B. Othanel Smith, Professor.....		3 134	
28. Letitia E. Walsh, Professor.....		2 289	
29. J. Myron Atkin, Associate Professor.....	50	1 139	
30. Joseph Becker, Assistant Professor.....	50	800	
(See Psychology)		(800)	
(Total Salary)		(1 600)	
31. Basil Castaldi, Associate Professor.....		2 000	
32. Frank Costin, Associate Professor.....	50	978	
33. Floyd L. Crank, Associate Professor.....	50	834	
(See Business Education)		(833)	
(Total Salary)		(1 667)	
34. Herbert Goldstein, Associate Professor.....		1 956	
35. Charles E. Johnson, Associate Professor.....	50	989	
36. Kenneth M. Lansing, Associate Professor.....		1 800	
37. Donald G. Lux, Associate Professor.....		2 145	

	<i>Per Cent Time</i>	<i>Summer Salary</i>
38. William J. Mason, Associate Professor.....	50	\$ 889
39. Lloyd E. McCleary, Associate Professor.....		2 000
40. Foster McMurray, Associate Professor.....		1 734
41. Elizabeth R. Melson, Associate Professor of Business Education.....	50	1 022
(See Business Education).....		(1 023)
(Total Salary).....		(2 045)
42. Charles B. Porter, Associate Professor.....		1 767
43. J. Richard Suchman, Associate Professor.....	50	923
44. Robert A. Tinkham, Associate Professor (July 17 to August 12).....		889
45. Alfred L. Brophy, Assistant Professor.....		1 600
46. Joe R. Burnett, Assistant Professor.....		1 678
47. Orrin E. Gould, Assistant Professor.....		1 634
48. Theodore Manolakes, Assistant Professor.....		1 634
49. John R. Palmer, Assistant Professor.....		1 512
50. Clarence Phillips, Assistant Professor of Mathematics.....	50	722
(See Mathematics).....		(723)
(Total Salary).....		(1 445)
51. W. L. Shoemaker, Assistant Professor.....		1 612
52. Harry F. Breen, Instructor.....	50	667
53. Robert Evans, Assistant.....	50	512
54. Dorothy M. Keenan, Assistant (June 19 to July 15).....		512
55. Samuel Rosen, Assistant.....	50	445
56. ———, Assistant.....	50	526
57. Frances Sigborn, Assistant.....	50	512
58. Anthony T. Soares, Assistant.....	50	512
59. ———, Assistant.....	50	512
60. ———, Assistant.....	50	512
61. ———, Assistant (June 19 to July 14).....		512
62. Richard T. Salzer, Assistant (July 17 to August 12).....		526
63. ———, Assistant.....	50	512
64. Hugh C. Black, Visiting Lecturer.....		1 700
(Department of Education, Rice University, Box 1892, Houston 1, Texas)		
65. Warren C. Bonney, Visiting Lecturer.....		2 000
(Department of Guidance and Counseling, University of Texas, Austin, Texas)		
66. Dolph Camp, Visiting Lecturer.....		2 000
(United States Office of Education, G. S. A. Building, Seventh and Tenth Streets, Washington, D. C.)		
67. Hilda Geuther, Visiting Lecturer (June 19 to July 14).....		700
(Home Economics Department, Carl Sandburg High School, Orland Park, Illinois)		
68. Aleyne Haines, Visiting Lecturer.....		1 800
(College of Education, University of Florida, Gainesville, Florida)		
69. Helen Haughton, Visiting Lecturer (July 17 to August 12).. (Home Economics Department, Eastern Illinois Univer- sity, Charleston, Illinois)		700
70. Myrl G. Herman, Visiting Lecturer.....		1 600
(805 West Pennsylvania Avenue)		
71. Shelton L. Root, Jr., Visiting Lecturer.....		2 000
(College of Education, Wayne State University, Detroit 2, Michigan)		
72. Jerome M. Seidman, Visiting Lecturer.....		1 800
(Educational Psychology Department, Montclair State Col- lege, Montclair, New Jersey)		
73. Donald Van Cleve, Visiting Lecturer.....		1 800
(College for Teachers, State University of New York, Albany, New York)		

	Per Cent Time	Summer Salary
74. Fred R. Wilkin, Visiting Lecturer..... (714 Meadow Lane, Libertyville, Illinois)		\$ 1 400
75. Arthur G. Wirth, Visiting Lecturer..... (Department of Education, Brooklyn College, Brooklyn 10, New York)		1 800
76. ———, Visiting Lecturer.....		2 200
77. ———, Visiting Lecturer.....		1 800
78. ———, Visiting Lecturer.....		1 800
79. ———, Visiting Lecturer.....	50	700
80. ———, Visiting Lecturer.....		1 300
81. ———, Visiting Lecturer.....		1 200
82. ———, Visiting Lecturer.....		1 200
83. ———, Visiting Lecturer (July 17 to August 12).....		700
		(\$133 590)

Electrical Engineering

1. George E. Anner, Professor.....		\$ 2 578
2. L. B. Archer, Professor.....		2 334
3. Max A. Faucett, Professor.....		2 156
4. M. S. Helm, Professor.....		2 445
5. C. A. Keener, Professor.....		2 778
6. G. R. Peirce, Professor.....		2 267
7. C. E. Skroder, Professor.....	50	1 067
8. Jerome Earl Williams, Professor.....		2 356
9. R. W. Burtness, Associate Professor.....		2 445
10. Milton H. Crothers, Associate Professor.....		2 089
11. Paul R. Egbert, Associate Professor.....		1 912
12. Daniel F. Hang, Associate Professor.....		2 000
13. Millard S. McVay, Associate Professor.....		2 267
14. ———, Associate Professor.....		2 000
15. Philip A. Bauman, Assistant Professor.....		1 512
16. Paul K. Hudson, Assistant Professor.....		1 889
17. Shlomo Karni, Assistant Professor.....		1 445
18. Benjamin Kuo, Assistant Professor.....		1 778
19. William R. Perkins, Assistant Professor.....		1 734
20. James P. Bobis, Instructor.....		1 000
21. Arnold W. Dipert, Instructor.....		1 023
22. John C. Elsey, Instructor.....	50	623
23. Connor F. Haugh, Instructor.....		1 156
24. Paul W. Klock, Instructor.....		1 245
25. John R. Lehmann, Instructor.....	75	1 067
26. Hsiao J. Ma, Instructor.....		1 000
27. James H. Pugsley, Instructor.....	75	834
28. Henry J. Winton, Instructor.....	50	712
29. Ramakrishna Narayanasamy, Assistant.....	50	440
		(\$48 152)

English

1. Gwynne B. Evans, Professor.....		\$ 3 000
2. Marcus S. Goldman, Professor.....		2 067
3. Roland M. Smith, Professor.....	50	1 256
4. Harris W. Wilson, Professor.....		2 223
5. Daniel Curley, Associate Professor.....		1 734
6. Bruce Harkness, Associate Professor.....		2 045
7. J. Kerker Quinn, Associate Professor.....		1 956
8. F. W. Weeks, Associate Professor.....	50	1 000
9. August L. Altenbernd, Assistant Professor.....		1 645
10. Lloyd Berry, Assistant Professor.....	50	700
11. Helen Brennan, Assistant Professor.....		1 534
12. Garreta Busey, Assistant Professor.....		1 556
13. Walter J. Chamberlin, Assistant Professor of Business Eng- lish.....	50	889

	Per Cent Time	Summer Salary
14. Oliver W. Evans, Assistant Professor.....	50	\$ 723
15. Sanford Golding, Assistant Professor.....	50	700
16. Glenn P. Haskell, Assistant Professor.....	50	845
17. Donald J. Hogan, Assistant Professor.....	50	700
18. John T. Maguire, Assistant Professor of Business English..	50	800
19. Robert Ornstein, Assistant Professor.....		1 623
20. Gardiner B. Stillwell, Assistant Professor.....	50	789
21. Michael Timko, Assistant Professor.....	50	700
22. Margaret Bloom, Instructor.....	50	612
23. Richard P. Felton, Instructor in Business English.....	50	567
24. Rocco Fumento, Instructor.....	50	656
25. John A. Hamilton, Instructor.....	50	634
26. Mary A. Hussey, Instructor.....		1 267
27. ———, Instructor in Business English.....	50	734
28. John S. Martin, Instructor.....	50	656
29. Albert C. Tillman, Instructor.....		1 289
30. James H. Wheatley, Instructor.....	50	645
31. ———, Instructor.....		1 112
32. ———, Instructor.....		1 245
33. ———, Assistant.....	50	467
34. ———, Assistant.....	50	467
35. ———, Assistant.....	50	467
36. ———, Assistant.....	50	467
37. ———, Assistant.....	50	467
38. ———, Assistant.....	50	467
39. ———, Assistant.....	50	467
40. ———, Assistant.....	50	467
41. ———, Assistant.....	50	467
42. ———, Assistant.....	50	467
43. ———, Assistant.....	50	467
44. ———, Assistant.....	50	467
45. Jerome Beaty, Visiting Lecturer..... (1746 Haygood Drive, Atlanta 7, Georgia)		2 000
46. Arlin Turner, Visiting Lecturer..... (1115 Woodburn Road, Durham, North Carolina)		3 150

(\$48 656)

Entomology

1. Gilbert P. Waldbauer, Assistant Professor.....

\$ 1 334

Finance

1. Robert I. Mehr, Professor.....
2. James W. Leonard, Associate Professor.....
3. ———, Instructor.....
4. Robert M. Philbrook, Assistant.....
5. Ward Theilman, Assistant.....

\$ 3 034

2 112

1 612

25 212

50 423

(\$ 7 393)

French

1. Philip A. Wadsworth, Professor.....
2. Philip Kolb, Professor.....
3. Bruce H. Mainous, Associate Professor.....
(See twelve-week term)
(Total Salary)
4. Claude P. Viens, Associate Professor.....
5. Stanley E. Gray, Assistant Professor.....
6. Francis W. Nachtmann, Assistant Professor.....
7. Jeanne Monty, Instructor.....
8. ———, Assistant.....
9. ———, Assistant.....

50

\$ 1 445

2 667

50 1 045

(1 045)

(2 090)

50

1 067

1 367

1 600

1 334

50

423

50

423

	<i>Per Cent Time</i>	<i>Summer Salary</i>
10. _____, Assistant	50	\$ 423
11. _____, Assistant	50	422
		(\$12 217)

General Engineering

1. L. D. Walker, Professor		\$ 2 334
2. John P. Hipskind, Assistant Professor		1 334
3. Paul W. Steinbeck, Assistant Professor	50	667
4. Robert W. Bokenkamp, Instructor	50	806
(See twelve-week term)		(1 209)
(Total Salary)		(2 015)
		(\$ 5 141)

Geography

1. Alfred W. Booth, Professor		\$ 2 667
2. Fred W. Foster, Professor		2 667
3. J. L. Page, Professor		2 323
4. Robert L. Carmin, Associate Professor		2 112
5. _____, Assistant	75	634
6. _____, Assistant	50	423
7. _____, Assistant	50	423
8. _____, Assistant	50	423
		(\$11 672)

Geology

1. Carleton A. Chapman, Professor (June 19 to July 15)		\$ 1 389
2. Jack L. Hough, Professor (July 17 to August 12)		1 334
3. Frederick W. Cropp, Assistant Professor		1 689
4. John M. Dennison, Assistant Professor		1 334
5. Norbert E. Cygan, Assistant		1 040
6. Donald R. Gorman, Assistant		845
7. Ramil C. Wright, Assistant		845
8. Frank L. Koucky, Visiting Lecturer		1 600
(Department of Geology, University of Cincinnati, Cincinnati, Ohio)		
9. Wilton N. Melhorn, Visiting Associate Professor		1 812
(249b Natural History Building)		
		(\$11 888)

German

1. Henri Stegemeier, Professor		\$ 2 400
2. Francis J. Nock, Associate Professor		2 067
3. James E. Engel, Assistant Professor		1 367
4. Pauline S. Schwalbe, Assistant Professor		1 500
5. Stella Rosenfeld, Assistant	50	445
6. Thomas Starnes, Assistant	50	445
7. John Trojanowicz, Assistant	50	423
8. Ausrele M. Venclova, Assistant	50	445
9. _____, Assistant	50	423
10. _____, Assistant	50	423
11. _____, Assistant	50	423
12. _____, Assistant	50	423
		(\$10 784)

Health and Safety Education

1. A. E. Florio, Professor	50	\$ 1 356
2. Warren J. Huffman, Assistant Professor		2 000
		(\$ 3 356)

History

1. Chester G. Starr, Professor	60	\$ 1 867
2. Fred A. Shannon, Professor		3 112
3. Raymond P. Stearns, Professor		3 000
4. C. Ernest Dawn, Professor	60	1 360

	Per Cent Time	Summer Salary
5. Maurice Lee, Jr., Associate Professor.....		\$ 1 956
6. Otto Pflanze, Assistant Professor.....		1 845
7. ———, Assistant	50	423
8. Darrel R. Cady, Assistant.....	50	423
9. G. Thomas Riggs, Assistant.....	50	423
10. Lewis Robinson, Assistant.....	50	423
11. R. C. Smith, Assistant.....	50	423
12. Allen Wakstein, Assistant.....	50	423
13. Helen M. Cavanagh, Visiting Lecturer.....		2 200
(Department of History, Illinois State Normal University, Bloomington, Illinois)		
14. Carl G. Gustavson, Visiting Lecturer.....		2 500
(Department of History, Ohio University, Athens, Ohio)		
15. Roy V. Scott, Visiting Lecturer.....		1 500
(Department of History, Mississippi State University, State College, Mississippi)		

(\$21 878)

Home Economics

1. Pearl Z. Janssen, Professor.....		\$ 2 045
2. Mildred Bonnell, Associate Professor (June 19 to July 15)...		1 000
3. Virginia Guthrie, Assistant Professor (June 19 to July 15)...		767
4. Willis C. Kauffman, Assistant Professor (July 17 to August 12).....		767
5. Willie M. Mowrer, Assistant Professor.....	50	800
6. Eloise Lorch, Instructor (July 17 to August 12).....		623
7. Millicent V. Martin, Instructor.....		1 267
8. Robert B. Smith, Instructor.....	25	356
(See Child Development).....		(356)
(Total Salary)		(712)
9. Vivian P. Larson, Assistant (June 19 to July 15).....		512
10. ———, Assistant	50	422
11. ———, Assistant	50	422

(\$ 8 981)

Journalism

1. Richard L. Hildwein, Assistant Professor.....	50	\$ 889
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Law

1. C. H. Bowman, Professor.....		\$ 2 912
2. Kenneth S. Carlston, Professor.....		3 245
3. Rubin G. Cohn, Professor.....		3 776
4. Wylie H. Davis, Professor.....		3 245
5. George T. Frampton, Professor.....		3 134
6. Eugene F. Scoles, Professor.....		3 467
7. ———, Associate Professor.....		2 556
8. ———, Visiting Lecturer.....		3 000

(\$25 335)

Library Science

1. Frances B. Jenkins, Professor.....		\$ 2 534
2. Donald E. Strout, Professor.....		2 112
3. Harold Goldstein, Associate Professor.....		2 112
4. Alice Lohrer, Associate Professor.....		1 912
5. J. Clement Harrison, Instructor.....		1 778
6. ———, Assistant		845
7. ———, Assistant		800
8. ———, Assistant		800
9. ———, Assistant	50	400
10. Keith Dowden, Visiting Lecturer.....		1 700
(Head, Reference Unit, Purdue University Library, La- fayette, Indiana)		

	<i>Per Cent Time</i>	<i>Summer Salary</i>
11. Alice W. Harrison, Visiting Lecturer..... (320 Library)		\$ 1 778
12. _____, Visiting Lecturer.....	50	800
13. _____, Visiting Lecturer.....		1 400
		(\$18 971)

Management

1. Paul M. Dauten, Professor.....		\$ 2 156
2. Irvin L. Heckmann, Associate Professor.....		2 000
3. Sherwood G. Huneryager, Instructor.....	50	534
4. Leslie L. D. Shaffer, Instructor.....		1 445
5. Clarence A. Sims, Instructor.....	50	645
6. Lester E. Barnes, Assistant.....	50	489
7. Robert E. Coffey, Assistant.....	50	445
		(\$ 7 714)

Marketing

1. Hugh G. Wales, Professor.....		\$ 2 600
2. Nugent Wedding, Professor.....		2 445
3. Richard M. Hill, Associate Professor.....		1 912
		(\$ 6 957)

Mathematics

1. Colin R. Blyth, Professor.....	50	\$ 1 267
2. Pierce W. Ketchum, Professor.....		2 689
3. C. W. Mendel, Professor.....		2 223
4. Henry J. Miles, Professor.....	55	1 245
5. R. G. Langebartel, Associate Professor.....		2 000
6. J. William Peters, Associate Professor.....		1 956
7. Edward J. Scott, Associate Professor.....		2 000
8. Harlan G. H. Bartram, Research Assistant Professor.....		1 767
9. Richard L. Bishop, Assistant Professor.....		1 556
10. Norman T. Hamilton, Assistant Professor.....	50	800
11. Corrine Hattan, Assistant Professor.....		1 356
12. Clarence Phillips, Assistant Professor.....	50	723
(See Education)		(722)
(Total Salary)		(1 445)
13. J. J. Rotman, Research Associate.....	50	645
14. Betty Detwiler, Instructor.....		1 415
15. Lawrence S. Levy, Instructor.....		1 334
16. David Sachs, Instructor.....	50	778
17. Renu Chakravarti, Assistant.....	50	423
18. George C. Graff, Assistant.....		850
19. A. F. Ifram, Assistant.....	60	507
20. Myrna Lee, Assistant.....	50	423
21. Patricia Martin, Assistant.....		845
22. Ronald J. Miech, Assistant.....		845
23. J. A. Peters, Assistant.....		889
24. Richard Rau, Assistant.....		845
25. George Rublein, Assistant.....	50	423
26. _____, Assistant.....	50	423
27. Duane Steidinger, Assistant.....		845
28. H. C. Tung, Assistant.....		845
29. Masami Wakae, Assistant.....		845
30. Paulo Ribenboim, Visiting Associate Professor..... (327 Altgeld Hall)		1 667
		(\$34 496)

Mechanical and Industrial Engineering

1. C. Dale Greffe, Professor.....		\$ 2 045
2. George W. Harper, Professor.....	50	1 145

	Per Cent Time	Summer Salary
3. Eugene F. Hebrank, Professor.....		\$ 2 267
4. William L. Hull, Professor.....		2 445
5. Edwin D. Luke, Professor.....		2 334
6. David G. Ryan, Professor.....		2 734
7. Willard E. Bair, Associate Professor.....		2 000
8. J. W. Bayne, Associate Professor.....		1 800
9. Wen Lung Chow, Associate Professor.....	50	967
10. John L. Whisenand, Associate Professor.....		1 756
11. _____, Associate Professor.....	50	1 034
12. James L. French, Instructor.....		1 334
13. Stephan Konz, Instructor.....	50	667
14. Donald L. Mykkanen, Instructor.....		1 600
15. Morse B. Singer, Instructor.....	50	756
16. Parker H. Badger, Lecturer.....		1 556
		(\$26 440)

Microbiology

1. F. M. Clark, Professor.....		\$ 2 223
2. G. I. Wallace, Professor.....		2 278
3. Alice Helm, Assistant.....	50	423
4. Stephen Newton, Assistant.....	50	423
5. Elsie J. Young, Assistant.....	50	423
		(\$ 5 770)

Music

1. Bjornar Bergethon, Professor.....		\$ 2 534
2. Harold A. Decker, Professor.....		2 556
3. Bruce R. Foote, Professor.....		2 623
4. John C. Garvey, Professor.....	50	1 078
5. Scott Goldthwaite, Professor.....		2 467
6. Hubert Kessler, Professor.....	50	1 289
7. Charles Leonhard, Professor.....		2 689
8. Paul S. Pettinga, Professor.....		2 312
9. Sherman Schoonmaker, Professor.....	50	1 245
10. Haskell O. Sexton, Professor.....		2 112
11. Gilbert R. Waller, Professor.....	50	1 073
12. Ludwig Zirner, Professor.....	75	1 701
13. Jean Berger, Associate Professor.....		2 000
14. Andrew Morris Carter, Associate Professor.....	25	467
15. Everett D. Kisinger, Associate Professor.....	50	1 056
(See University of Illinois Bands).....		(1 056)
(Total Salary).....		(2 112)
16. A. J. McDowell, Associate Professor.....		1 889
17. Alexander L. Ringer, Associate Professor.....		2 312
18. Dorothy E. Clark, Assistant Professor.....		1 534
19. L. Thomas Fredrickson, Assistant Professor.....		1 534
20. Robert E. Gray, Assistant Professor.....	67	1 082
21. Edward J. Krolick, Assistant Professor.....	50	734
22. David A. Ledet, Assistant Professor.....	67	934
23. William H. Miller, Assistant Professor.....		1 712
24. Carolyn Powell, Assistant Professor.....		1 623
25. Marilyn R. Pflederer, Instructor.....	33	460
26. Eric Dalheim, Assistant.....		845
27. _____, Assistant.....		845
28. _____, Assistant.....		845
29. _____, Assistant.....		845
30. _____, Assistant.....		845
31. _____, Assistant.....		845
32. Webster Aitken, Visiting Professor.....		2 445
(112 Smith Music Hall)		
33. John C. Dalley, Visiting Artist.....		1 500
(135 West College, Oberlin, Ohio)		

	<i>Per Cent Time</i>	<i>Summer Salary</i>
34. Nancy Pallesen Dalley, Visiting Artist..... (135 West College, Oberlin, Ohio)	33	\$ 500
35. ———, Visiting Lecturer.....	50	1 100
36. ———, Visiting Lecturer.....	50	1 000
37. ———, Visiting Lecturer.....	50	1 000
		(\$53 631)

Nuclear Engineering

1. Marvin E. Wyman, Professor.....	50	\$ 1 523
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Philosophy

1. D. W. Gotshalk, Professor.....	50	\$ 1 700
2. Harry M. Tiebout, Jr., Associate Professor.....		1 823
3. Charles E. Caton, Instructor.....	50	656
(See twelve-week term).....		(984)
(Total Salary).....		(1 640)
4. Mendel F. Cohen, Instructor.....		1 223
5. William L. Rowe, Instructor.....		1 245
6. Norman Kretzmann, Visiting Assistant Professor..... (127 Lincoln Hall)		1 556
		(\$ 8 203)

Physical Education for Men

1. T. K. Cureton, Jr., Professor.....		\$ 3 278
2. H. E. Kenney, Professor.....		2 623
3. Alfred W. Hubbard, Associate Professor.....		2 134
4. Alan J. Barry, Assistant Professor.....		1 667
5. Howard J. Braun, Assistant Professor.....	40	658
6. Ralph E. Fletcher, Assistant Professor.....	33	623
7. Linwood Gerald Bechtel, Assistant.....	20	223
(See twelve-week term).....		(667)
(Total Salary).....		(890)
8. Edward H. Heath, Instructor.....	25	317
(See twelve-week term).....		(475)
(Total Salary).....		(792)
9. John Anthony Nicolette, Assistant.....	25	212
10. William D. Taylor, Assistant.....	25	323
		(\$12 058)

Physical Education for Women

1. Beulah Drom, Assistant Professor.....	50	\$ 773
2. Marjorie Harris, Instructor.....		1 300
3. Marjorie Souder, Instructor.....	50	628
4. Sheila VanBeaumont, Assistant.....	25	300
		(\$ 3 001)

Physics

1. ———, Assistant.....	50	\$ 444
2. ———, Assistant.....	50	444
3. ———, Assistant.....	50	444
4. R. C. Wheatley, Visiting Lecturer..... (8903 West Pine Avenue, Brentwood 17, Missouri)		1 800
5. ———, Visiting Lecturer.....		2 000
6. ———, Visiting Lecturer.....		2 000
7. George A. Russell, Visiting Lecturer..... (Department of Physics, Southern Illinois University, Carbondale, Illinois)		2 700
		(\$ 9 832)

Physiology

1. Stanley G. Stolpe, Associate Professor.....		\$ 1 723
2. ———, Assistant.....	50	423

	<i>Per Cent Time</i>	<i>Summer Salary</i>
3. ———, Assistant	50	\$ 423
4. ———, Assistant	50	423
5. Betty I. Roots, Visiting Assistant Professor..... (535 Burrill Hall)		1 445
		(\$ 4 437)
Political Science		
1. Charles B. Hagan, Professor.....		\$ 2 512
2. Francis G. Wilson, Professor.....		3 134
3. David J. Danelski, Assistant Professor.....		1 400
4. G. L. Wilhelm, Assistant.....	50	434
		(\$ 7 480)
Psychology		
1. O. Hobart Mowrer, Research Professor.....	50	\$ 1 612
(See Education)		(1 611)
(Total Salary)		(3 223)
2. Ledyard R. Tucker, Professor.....	50	1 556
3. Walter G. McAllister, Associate Professor.....		1 778
4. Robert Jones, Consultant with rank of Associate Professor..	40	800
5. Joseph Becker, Assistant Professor.....	50	800
(See Education)		(800)
(Total Salary)		(1 600)
6. Gene R. LaForge, Research Assistant Professor.....	50	864
7. Perry London, Assistant Professor.....	50	778
8. Donald T. Shannon, Assistant Professor.....		1 734
9. Morton W. Weir, Assistant Professor.....		1 512
10. ———, Assistant	50	423
11. ———, Assistant	33 1/3	282
		(\$12 139)
Recreation		
1. Charles K. Brightbill, Professor.....		\$ 3 400
2. Allen V. Sapora, Professor.....		2 323
3. Maxwell R. Garret, Assistant Professor.....	60	978
		(\$ 6 701)
Russian		
1. Ralph E. Matlaw, Associate Professor.....		\$ 2 667
2. ———, Instructor		1 244
3. Borys Bilokur, Assistant	50	423
4. Sandra Tung, Assistant	50	423
5. ———, Assistant	50	423
		(\$ 5 180)
Social Work		
1. D. Katharine Rogers, Associate Professor.....		\$ 2 045
Sociology		
1. E. A. Ahrens, Associate Professor.....		\$ 1 756
2. John P. Clark, Assistant Professor.....		1 556
3. Bernard Lazerwitz, Assistant Professor.....		1 800
		(\$ 5 112)
Spanish and Italian		
1. J. H. D. Allen, Professor.....		\$ 2 223
2. Henry R. Kahane, Professor.....		2 778
3. Fred P. Ellison, Associate Professor.....		1 889
4. Joseph S. Flores, Associate Professor.....		2 089
5. Luis Leal, Associate Professor.....		1 889
6. Elizabeth J. Moffett, Assistant.....	50	423
		(\$11 291)

Speech and Theatre		Per Cent Time	Summer Salary
1. E. Thayer Curry, Professor.....			\$ 2 289
2. Barnard W. Hewitt, Professor.....	50		1 323
3. Richard Murphy, Professor.....			2 423
4. Raymond E. Nadeau, Professor.....			2 112
5. Severina E. Nelson, Professor.....	50		1 162
6. John Wesley Swanson, Professor.....			2 334
7. Clara M. Behringer, Associate Professor.....	50		878
(See University Theatre and Summer Youth Program) ..			(878)
(Total Salary)			(1 756)
8. Martin T. Cobin, Associate Professor.....	50		867
9. Henry L. Mueller, Associate Professor.....			1 856
10. Karl A. Windesheim, Associate Professor.....	50		923
11. Ted J. Barnes, Assistant Professor.....	50		717
(See Summer Debaters Youth Workshop).....			(717)
(Total Salary)			(1 434)
12. Kenneth Burns, Assistant Professor.....	50		778
13. Eleanor Chase York, Visiting Lecturer.....	50		875
(Western Michigan University, Kalamazoo, Michigan)			
14. _____,	50		800
			(\$19 337)
University Theatre and Summer Youth Program			
1. Charles H. Shattuck, Professor.....	50		\$ 1 167
2. Clara M. Behringer, Associate Professor.....	50		878
(See Speech and Theatre).....			(878)
(Total Salary)			(1 756)
3. Mary H. Arbenz, Assistant Professor.....	50		700
4. Genevieve Richardson, Assistant Professor.....			1 489
5. Webster L. Smalley, Assistant Professor.....	50		700
6. Bernhard R. Works, Assistant Professor.....			1 378
7. Zack York, Visiting Lecturer.....	50		875
(Western Michigan University, Kalamazoo, Michigan)			
8. _____, Assistant	25		212
9. _____, Assistant	25		212
10. _____, Assistant	25		212
11. _____, Assistant	25		212
12. _____, Assistant	25		212
13. _____, Assistant	25		212
14. _____, Assistant	25		212
15. _____, Assistant	25		212
16. _____, Assistant	25		212
17. _____, Assistant	25		212
18. _____, Assistant	25		212
19. _____, Assistant	25		212
			(\$ 9 731)
University Speech Clinic			
1. Naomi W. Hunter, Assistant Professor.....			\$ 1 378
2. Frances L. Johnson, Assistant Professor.....			1 334
3. Jane B. Archer, Instructor.....			1 045
4. E. W. Loftiss, Assistant.....			880
			(\$ 4 646)
Summer Debaters Youth Workshop			
1. Halbert E. Gulley, Professor.....	50		\$ 1 056
2. Ted J. Barnes, Assistant Professor.....	50		717
(See Speech and Theatre).....			(717)
(Total Salary)			(1 434)
3. _____, Assistant	25		212
4. _____, Assistant	25		212
			(\$ 2 197)

Theoretical and Applied Mechanics		Per Cent Time	Summer Salary
1.	Cletus Edward Bowman, Professor.....	66 $\frac{2}{3}$	\$ 1 512
2.	Paul Guy Jones, Professor.....	83 $\frac{1}{4}$	2 223
3.	Clyde E. Kesler, Professor.....	25	584
4.	Wallace M. Lansford, Professor.....		2 778
5.	Omar M. Sidebottom, Professor.....	25	584
6.	James O. Smith, Professor.....	75	2 167
7.	Marlyn E. Clark, Associate Professor.....	50	978
8.	Frederick G. Bauling, Assistant Professor.....	50	800
9.	Albert C. Bianchini, Assistant Professor.....	50	823
10.	Russell S. Jensen, Assistant Professor.....	50	823
11.	Robert E. Miller, Assistant Professor.....	50	834
12.	John W. Murdock, Assistant Professor.....	50	767
			(\$14 873)

Zoology

1. Max R. Matteson, Associate Professor.....		\$ 1 832
2. Hurst H. Shoemaker, Associate Professor.....		1 778
3. Wesley J. Birge, Assistant Professor.....		1 512
4. Richard H. Baker, Assistant.....	50	423
5. Donald Batch, Assistant.....	50	423
6. ———, Assistant.....	50	423
7. Daniel H. Stern, Assistant.....	50	423
		(\$ 6 805)
Total, Urbana-Champaign		\$820 398

Departmental Expense

Child Development	
Expense.....	\$ 200
Academic Salaries	(2 337)
Civil Engineering Camp	
Wages, Expense, Equipment.....	7 610
Academic Salaries	(8 620)
Education	
Wages, Expense, Equipment.....	2 960
Forestry	
Wages.....	840
Expense.....	2 628
Geography	
Expense.....	300
Recreation	
Wages, Expense	2 890
Total, Wages, Expense, Equipment.....	\$17 428

Summer Session Youth Music

00-72-80-400

Wages, Expense	\$ 3 900
Academic Salaries	15 400
Total, Wages, Expense, Salaries.....	\$19 300

Summer Session Youth Speech

00-72-85-400

University Theatre and Summer Youth Program	
Expense.....	\$ 1 200
Academic Salaries	9 731
Summer Debaters Youth Workshop	
Expense.....	450
Academic Salaries	2 197
Total, Expense, Salaries.....	\$13 578

EIGHT-WEEK SUMMER SESSION—CHICAGO PROFESSIONAL COLLEGES

Pharmacy		Per Cent Time	Summer Salary
1. Herbert M. Emig, Associate Professor (July 17 to August 12).....			\$ 1 000
2. Bernard Ecanow, Assistant Professor (August 14 to September 9).....			912
3. Frederick Siegel, Assistant Professor (June 19 to July 29)...			1 367
4. Stanley V. Susina, Assistant Professor (June 19 to July 15)			956
5. Norbert Wojciechowski, Assistant (June 19 to September 9)	50		634
			(\$ 4 869)
Pharmacy-Chemistry			
1. Charles L. Bell, Assistant Professor of Chemistry (June 19 to July 29).....			\$ 1 234
2. Dominick A. Coviello, Assistant Professor of Chemistry (July 31 to September 9).....			1 234
3. John W. Cowin, Instructor (Chicago Undergraduate Division) (July 31 to September 9).....			1 084
4. Bernard J. Kurtin, Instructor in Physics (June 19 to July 29).....			1 034
5. E. Thomas Bailey, Assistant in Chemistry (July 31 to September 9).....	50		317
6. Richard E. Hewitson, Assistant in Chemistry (June 19 to July 29).....	50		317
7. David Katague, Assistant in Chemistry (July 31 to September 9).....	50		317
8. McLouis Robinet, Assistant in Physics (July 31 to September 9).....	50		317
9. Oreste L. Salerni, Assistant in Chemistry (June 19 to July 29).....	50		317
10. Hiroshi Takeda, Assistant in Chemistry (June 19 to July 29)	50		317
			(\$ 6 488)
Total, Chicago Professional Colleges.....			\$11 357

EIGHT-WEEK SUMMER SESSION—CHICAGO UNDERGRADUATE DIVISION

Biological Sciences			
1. Albert S. Rouffa, Professor.....			\$ 2 045
2. Sidney F. Glassman, Associate Professor.....			1 889
3. John T. Newell, Assistant Professor.....			1 445
4. Shelton Applegate, Instructor.....			1 023
5. William J. Dembski, Instructor.....	50		578
			(\$ 6 980)
Commerce and Business Administration			
1. Lucile Derrick, Professor of Economics.....	80		\$ 1 778
2. Samuel Fox, Professor of Accountancy.....			2 267
3. Clarence H. Gillett, Professor of Economics.....			2 223
4. Albert J. Schneider, Associate Professor of Accountancy...			1 978
5. Fayette B. Shaw, Associate Professor of Economics.....			1 756
6. Alfonse T. Malinosky, Assistant Professor of Accountancy.	50		778
7. Gust W. Dickett, Instructor in Economics.....			1 000
8. Edward T. Ossman, Assistant in Accountancy.....			956
			(\$12 730)
Engineering			
1. C. I. Carlson, Professor of General Engineering.....			\$ 2 712
2. Edward B. McNeil, Professor of Physics.....			2 021
3. ———, Associate Professor of Physics.....			1 800
4. Harold M. Skadeland, Associate Professor of Physics.....			2 000
5. Ogden Livermore, Assistant Professor of Physics.....			1 578
6. M. W. Minkler, Assistant Professor of Physics.....			1 531
			(\$11 647)

Humanities		Per Cent Time	Summer Salary
1. Arnold J. Hartoch, Associate Professor of Foreign Languages.....	67	\$ 1 221	
2. Falk S. Johnson, Associate Professor of English.....		1 867	
3. Marie E. Lein, Associate Professor of Foreign Languages..	67	1 186	
4. Ernest S. Willner, Associate Professor of Foreign Languages.....	67	1 215	
5. Robert Kauf, Assistant Professor of Foreign Languages...	67	1 097	
6. John O. Marsh, Jr., Assistant Professor of Foreign Languages.....	67	1 097	
7. Harry J. Runyan, Assistant Professor of English.....		1 600	
8. Andrew Schiller, Assistant Professor of English.....		1 734	
9. Maurita F. Willett, Assistant Professor of English.....		1 467	
10. Johanna Braunfeld, Instructor in Foreign Languages.....	67	978	
11. Joan M. Chillag, Instructor in English.....		1 178	
12. Janice M. Crews, Instructor in Speech.....		1 489	
13. John H. Mackin, Jr., Instructor in English.....		1 467	
14. I. M. Miller, Instructor in English.....		1 489	
15. Clara S. Skogen, Instructor in Foreign Languages.....	67	978	
16. Ferdina J. Tort, Instructor in Foreign Languages.....	67	889	
17. ———, Summer Television Program.....		1 867	
			(\$22 819)
Mathematics			
1. Louis L. Pennisi, Associate Professor.....	50	\$ 923	
(See twelve-week term).....		(1 384)	
(Total Salary).....		(2 307)	
2. Grace M. Nolan, Instructor.....	83	1 167	
3. Louis I. Gordon, Instructor.....		1 400	
4. Sim Lasher, Instructor.....		1 312	
5. Charles E. Olsen, Instructor.....	83	1 167	
6. Thomas B. Ondrak, Instructor.....	83	1 167	
7. Helen W. Sears, Instructor.....	83	1 093	
8. Laurence R. Sjoblom, Instructor.....	83	1 038	
9. Rose L. Vedral, Instructor.....	83	1 167	
10. Leo F. Ziomek, Instructor.....	83	1 038	
11. ———, Summer Television Program.....		1 245	
			(\$12 717)
Physical Education			
1. Helen M. Barton, Professor of Physical Education for Women.....	50	\$ 1 023	
2. Peter R. Derrafato, Assistant Professor of Physical Education for Men.....	50	845	
3. Leo L. Gedvilas, Assistant Professor of Physical Education for Men.....	50	867	
4. Benedict W. Montcalm, Assistant Professor of Physical Education for Men.....		1 489	
5. George J. Strnad, Instructor in Physical Education for Men..	50	667	
6. Robert L. Nolan, Assistant in Physical Education for Men..	50	500	
7. ———, Assistant in Physical Education for Men.....	50	578	
			(\$ 5 225)
Physical Sciences			
1. F. B. Crum, Professor of Chemistry.....		\$ 2 289	
2. Charles K. Hunt, Associate Professor of Chemistry.....		1 956	
3. Samuel Schrage, Associate Professor of Chemistry.....		1 823	
4. Rosalind A. Klaas, Assistant Professor of Chemistry.....		1 600	
5. Robert E. DeMar, Instructor in Geology.....		1 289	
6. Shafeek Farag, Instructor in Chemistry.....	67	860	
7. Elaine Z. Herzog, Instructor in Chemistry.....	83	1 038	
8. Eileen Pare, Instructor in Chemistry.....	83	982	
			(\$11 837)

Social Sciences		Per Cent Time	Summer Salary
1. Hollis W. Barber, Professor of Political Science.....			\$ 2 512
2. Daniel J. Morris, Professor of Philosophy.....			2 089
3. Shirley A. Bill, Associate Professor of History.....	67		1 126
4. Victor E. Ricks, Associate Professor of Education.....			2 000
5. Louis Unfer, Associate Professor of History.....	67		1 156
6. Robert E. Corley, Assistant Professor of Sociology.....			1 600
7. Mildred I. Finney, Assistant Professor of Geography.....	67		1 038
8. Milton L. Rakove, Assistant Professor of Political Science.	50		756
9. Madelaine T. Shalabi, Assistant Professor of Education....	67		978
10. Walter B. Asch, Instructor in History.....	67		682
11. C. P. Warren, Instructor in Anthropology.....	67		860
12. Ann Heilman, Visiting Lecturer.....			1 400
(1314 Glenview Road, Glenview, Illinois)			
13. —————, Visiting Lecturer.....	67		741
<i>Total, Chicago Undergraduate Division.....</i>			<i>(\$16 938)</i>
			<i>\$100 899</i>

TWELVE-WEEK SUMMER TERM — URBANA-CHAMPAIGN

Accountancy			
1. Robert I. Dickey, Professor.....			\$ 4 767
2. Lewis C. Buller, Assistant.....			1 334
3. Richard F. Page, Assistant.....	50		767
(See eight-week session).....			(512)
(Total Salary)			(1 279)
			(\$ 6 868)

Art

1. George N. Foster, Associate Professor.....			\$ 2 667
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Botany

1. —————, Instructor			\$ 2 000
2. Barbara J. Kieckhefer, Assistant.....	25		317
(See eight-week session).....			(423)
(Total Salary)			(740)
			(\$ 2 317)

Chemistry and Chemical Engineering

1. —————, Assistant Professor.....			\$ 2 700
2. —————, Assistant Professor.....			2 700
3. —————, Assistant	50		700
4. —————, Assistant	50		700
5. —————, Assistant	50		700
6. —————, Assistant	50		700
7. —————, Assistant	50		667
8. —————, Assistant	50		667
			(\$ 9 534)

Division of General Studies

1. Sidney Rosen, Associate Professor.....	50		\$ 1 334
2. Gaylord F. Hatch, Assistant.....	50		750
3. R. Glen Wiley, Assistant.....	50		634
			(\$ 2 718)

Economics

1. Frederick Kohlmeyer, Assistant Professor.....			\$ 2 534
2. Franklin Sherwood, Assistant.....	50		634
3. Arthur Welsh, Assistant.....	50		634
			(\$ 3 802)

English		Per Cent Time	Summer Salary
1. Frank Moake, Assistant Professor.....			\$ 2 310
2. Michael F. Shugrue, Instructor.....			1 934
3. ———, Assistant	50		700
4. ———, Assistant	50		700
5. ———, Assistant	50		700
6. ———, Assistant	50		700
7. ———, Assistant	50		700
8. ———, Assistant	50		700
9. ———, Assistant	50		700
10. ———, Assistant	50		700
11. ———, Assistant	50		700
12. ———, Assistant	50		700
13. ———, Assistant	50		700
14. ———, Assistant	50		700
15. ———, Assistant	50		700
16. ———, Assistant	50		700
17. ———, Assistant	50		700
			(\$14 744)
French			
1. Bruce H. Mainous, Associate Professor.....	33 1/3		\$ 1 045
(See eight-week session).....			(1 045)
(Total Salary)			(2 090)
2. Charles Baker, Assistant.....	33 1/3		480
3. ———, Assistant	33 1/3		423
4. ———, Assistant	33 1/3		423
5. ———, Assistant (June 19 to September 9).....	50		690
			(\$ 3 061)
General Engineering			
1. ———, Associate Professor.....	50		\$ 1 400
2. Thomas C. Hartley, Associate Professor.....	50		1 267
3. Robert W. Bokenkamp, Instructor.....	50		1 209
(See eight-week session).....			(806)
(Total Salary)			(2 015)
4. David R. Reyes-Guerra, Instructor.....			2 167
			(\$ 6 043)
Geography			
1. William O. Baldwin, Assistant.....	75		\$ 950
Geology			
1. ———,	75		\$ 3 000
German			
1. Ruth E. Lorbe, Instructor.....	50		\$ 1 000
2. Walter L. Robbins, Instructor.....	50		950
			(\$ 1 950)
History			
1. Raymond F. Birn, Assistant.....			\$ 1 500
Mathematics			
1. William A. Ferguson, Associate Professor.....			\$ 2 834
2. O. K. Bower, Assistant Professor.....			2 334
3. ———, Assistant	57		723
4. E. E. Dean, Assistant.....	57		723
5. Alfredo Jones, Assistant.....	57		723
6. C. F. Koch, Assistant.....	57		723
7. D. E. Phillips, Assistant.....	57		723

	<i>Per Cent Time</i>	<i>Summer Salary</i>
8. H. G. Robertson, Assistant.....	57	\$ 723
9. W. M. Syn, Assistant.....	57	723
		(\$10 228)
Music		
1. Kenneth L. Gaburo, Instructor.....	67	\$ 1 512
2. Albert G. Huetteman, Visiting Instructor.....	50	1 000
		(\$ 2 512)
Philosophy		
1. Charles E. Caton, Instructor.....	50	\$ 984
(See eight-week session).....		(656)
(Total Salary).....		(1 640)
Physical Education for Men		
1. H. C. Paterson, Assistant Professor.....	40	\$ 1 074
2. William A. Bynum, Jr., Instructor.....	40	734
3. John T. Powell, Instructor.....	40	647
4. Edward H. Heath, Instructor.....	25	475
(See eight-week session).....		(317)
(Total Salary).....		(792)
5. Linwood Gerald Bechtel, Assistant.....	40	667
(See eight-week session).....		(223)
(Total Salary).....		(890)
6. J. Thomas Fisher, Assistant.....	60	990
7. Robert Dwight Leigh, Assistant.....	60	1 041
		(\$ 5 628)
Physical Education for Women		
1. Martha A. Aly, Instructor.....		\$ 1 767
2. Beverly D. Wilson, Instructor.....		1 767
		(\$ 3 534)
Physics		
1. ———, Assistant.....	50	\$ 666
2. ———, Visiting Lecturer.....		3 000
		(\$ 3 666)
Physiology		
1. Gordon L. Van Harn, Assistant.....		\$ 1 500
2. ———, Assistant.....	50	634
		(\$ 2 134)
Political Science		
1. Dean L. Yarwood, Assistant.....	50	\$ 634
Psychology		
1. Donald R. Peterson, Associate Professor.....		\$ 2 934
Russian		
1. William Gard, Assistant.....	50	\$ 634
Sociology		
1. Joseph R. Gusfield, Associate Professor.....		\$ 3 034
Spanish and Italian		
1. ———, Associate Professor.....		\$ 2 834
Speech and Theatre		
1. Lawrence W. Olson, Assistant Professor.....		\$ 2 400
2. Thomas O. Sloan, Assistant Professor.....	50	1 050
		(\$ 3 450)

Theoretical and Applied Mechanics		<i>Per Cent Time</i>	<i>Summer Salary</i>
1. Thaddeus M. Elsesser, Associate Professor.....			\$ 2 567

Zoology

1. William J. Keppler, Assistant.....	50	\$ 634
2. Robert L. Martin, Assistant.....	50	634
3. Donald K. Underhill, Assistant.....	50	634
		(\$ 1 902)

Student Rehabilitation Center

<i>Academic Salaries</i>			
1. Gilbert L. Fink, Assistant.....	50	\$ 734	
2. Thomas E. Rickard, Assistant.....	50	767	
		(\$ 1 501)	

Nonacademic Salary

1. Donald R. Kiest, Rehabilitation Transportation Operator...		\$ 1 150
<i>Total, Salaries</i>		(\$ 2 651)
<i>Total, Urbana-Champaign</i>		\$106 486

Departmental Expense

Physical Education for Men		
Expense.....		\$ 1 050
Physical Education for Women		
Wages, Expense		1 353
Student Rehabilitation Center		
Expense.....		682
Salaries.....		(2 651)
<i>Total, Wages, Expense</i>		\$ 3 085

TWELVE-WEEK SUMMER TERM — CHICAGO UNDERGRADUATE DIVISION**Biological Sciences**

1. Kenneth M. Madison, Associate Professor.....		\$ 3 000
2. James A. Bond, Instructor.....	67	1 334
		(\$ 4 334)

Commerce and Business Administration

1. Carl M. Larson, Instructor in Economics.....		\$ 2 334
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Engineering

1. Marion V. J. Dembski, Assistant Professor of General Engineering.....		\$ 2 334
2. Ora Lee Railsback, Professor of Physics.....		4 067
3. H. B. Weissman, Assistant Professor of Physics.....		2 600
		(\$ 9 001)

Humanities

1. Carl A. Pitt, Associate Professor of Speech.....	33	\$ 889
2. Robert L. Cassell, Instructor in English.....	67	1 334
3. Beatrice S. Timmis, Instructor in English.....		2 234
		(\$ 4 457)

Mathematics

1. Louis L. Pennisi, Associate Professor.....	50	\$ 1 384
(See eight-week session).....		(923)
(Total Salary)		(2 307)
2. Rose Lariviere, Instructor.....	89	1 929
3. Nicholas C. Scholomiti, Instructor.....	89	1 869
		(\$ 5 182)

		<i>Per Cent</i>	<i>Summer</i>
		<i>Time</i>	<i>Salary</i>
Physical Sciences			
1. C. R. Meloy, Professor of Chemistry.....	67	\$ 2	712
2. J. Victor Mansfield, Associate Professor of Chemistry....		2	667
3. H. J. Mueller, Assistant Professor of Chemistry.....		2	400
4. John W. Weldon, Assistant Professor of Chemistry.....		2	534
5. Marjorie T. Alschuler, Instructor in Chemistry.....		1	767
			(\$12 080)
Social Sciences			
1. Alan Blum, Instructor in Sociology.....	33	\$	623
2. Leon Novar, Visiting Lecturer.....	33		700
(6748 South Cornell, Chicago 49, Illinois)			
3. Robert W. Shoemaker, Visiting Lecturer.....	44	1	100
(North Central College, Naperville, Illinois)			
4. _____,	44		900
			(\$ 3 323)
<i>Total, Chicago Undergraduate Division.....</i>			\$40 711

APPOINTMENTS TO THE BOARD OF DIRECTORS OF THE ATHLETIC ASSOCIATION

(4) Submitted herewith are nominations for appointments and reappointments, as indicated in each case, to the Board of Directors of the University of Illinois Athletic Association. These appointments become effective as of today and continue until the next annual meeting of the Board of Trustees of the University of Illinois in 1962, or until the successors of these Directors have been appointed.

Faculty

- LESLIE A. BRYAN, Professor of Management and Director of the Institute of Aviation (reappointment; Director Bryan was appointed June 23, 1959, to succeed the late Dean Robert B. Browne)
- JOSEPH A. RUSSELL, Professor and Head of the Department of Geography (reappointment; he has served since 1958)
- HAROLD W. HANNAH, Professor of Agricultural Law, Department of Agricultural Economics (reappointment; he has served since 1960)
- PAUL M. VAN ARSDELL, Professor and Head of the Department of Finance (new appointment; he replaces Professor H. Kenneth Allen, Department of Economics, who has served since 1957)

Alumni

- DUANE A. CULLINAN, Class of 1937, 1617 Eighth Street, Pekin, Illinois (reappointment; he has served since March, 1959)
- STANLEY L. BODMAN, Class of 1931, 175 West Jackson Boulevard, Chicago, Illinois (reappointment; he has served since March, 1960)
- GEORGE R. CATLETT, Class of 1939, Partner in the firm of Arthur Andersen and Company, Certified Public Accountants, 120 South LaSalle Street, Chicago 3, Illinois (new appointment; he replaces Mr. Charles V. Hall, Class of 1931, who has served since March, 1957)

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

SABBATICAL LEAVES OF ABSENCE, 1961-62

(5) I recommend that the following members of the staff be given sabbatical leaves of absence during the academic year 1961-62 in accordance with the provisions of the University of Illinois Statutes and on the terms and for the period indicated.

The programs of research, study, and travel for which these leaves are requested have been examined by the University Research Board which advises the President in such matters.

College of Agriculture

Department of Agronomy

LESTER T. KURTZ, Professor of Soil Fertility, full year beginning September 1.

1961, one-half pay; for research in soil science on the chemistry of soil phosphates and to study problems relating to trace element deficiencies in soils.

JOHN W. PENDLETON, Associate Professor of Agronomy, six months beginning August 1, 1961, full pay; to study the organization, mode of operation, and basic philosophy underlying the field research programs in agronomy in other states as a guide to the possible reorganization of such work in Illinois.

FRANK J. STEVENSON, Associate Professor of Soil Chemistry, full year beginning August 1, 1961, one-half pay; to conduct research on the chemistry of soil organic matter and soil nitrogen at the Commonwealth Scientific and Industrial Research Organization of Australia.

HERMAN L. WASCHER, Associate Professor of Pedology, full year beginning September 1, 1961, one-half pay, or six months beginning November 1, 1961, full pay; full year leave contingent upon supplementary financial aid; to compare development of soils in southeastern United States on terraces of varying geological age, review literature, and prepare first draft of manuscript on loessial soils of northwestern Illinois.

Department of Animal Science

PHILIP J. DZIUK, Assistant Professor of Animal Science, full year, one-half pay; to observe research in progress on mammalian germ cells and do a study on the storage and handling of mammalian germ cells.

B. CONNOR JOHNSON, Professor of Animal Biochemistry, full year beginning September 1, 1961, one-half pay; to work on the isolation, characterization, and possible function of certain lipid materials we have found present in animal tissues and to study enzyme purification methods with particular reference to the enzymes functioning with vitamin B₁₂ and vitamin A.

Department of Food Technology

REID T. MILNER, Professor of Food Technology and Head of the Department, six months beginning March 1, 1962, full pay; to study the world-wide needs for food, those foods needed most, present academic and industrial research in food technology, and the training of food technologists.

Department of Plant Pathology

JAMES W. GERDEMANN, Professor of Plant Pathology, six months beginning August 1, 1961, full pay; to visit biologists in England and Germany who are studying phycomycetous mycorrhizas and to do research in Scotland on the relationship of soil-borne spores to mycorrhizal infections.

College of Commerce and Business Administration

Bureau of Economic and Business Research

MARVIN FRANKEL, Research Associate Professor, six months beginning February 16, 1962, full pay; for comparative research on economic growth, with particular attention to the effects of changes in economic structure, and in the supply and allocation of resources.

Department of Economics

JOHN F. DUE, Professor of Economics, second semester, full pay; for study of the role of taxation in the economic development of underdeveloped countries, with particular reference to tropical Africa.

DONALD W. PADEN, Professor of Economics, full year beginning September 1, 1961, one-half pay; for study and research in the area of income theory and business fluctuation and in research on the economics of instructional television.

Department of Finance

EMERSON CAMMACK, Assistant Professor of Finance, first semester, full pay; to study the life insurance institution in Italy—the companies themselves, and the attitude of the public toward life insurance.

College of Education

ARCHIBALD W. ANDERSON, Professor of Education, second semester, full pay; to study the influence, over a period of ten years, of the recommendations of the Committee on Historical Foundations of Education of the National

Society of College Teachers of Education upon university research, course offerings, and teaching in the history of education.

- J. MYRON ATKIN, Associate Professor of Education, first semester, full pay; to further research interests, specifically by establishing liaison with the only other investigator directing a course-content improvement program in elementary school science supported by the National Science Foundation.
- J. THOMAS HASTINGS, Professor of Education, six months beginning August 1, 1961, full pay; to complete some writing and data summarizations, to plan further research, and to observe some agencies of similar function at other universities.
- CELIA B. STENDLER, Professor of Education, full year beginning September 1, 1961, one-half pay; to study the possible contribution of certain early perceptual experiences, provided in European homes and schools, to the cognitive development of young children.

College of Engineering

Department of Electrical Engineering

- PAUL E. MAYES, Associate Professor of Electrical Engineering, September 1, 1961, to February 1, 1962, full pay; to pursue studies in electromagnetic theory, particularly techniques for solving Maxwell's equations for the lowest order propagation factor on periodic structures which produce very slow waves.

Department of Physics

- ALFRED O. HANSON, Professor of Physics, first semester, full pay, or second semester, full pay; to study and to take part in the high energy physics work with the 30 Bev synchrotron at Brookhaven National Laboratory.
- ROBERT I. HULSIZER, Professor of Physics, first semester, full pay; to work with a high-energy particle-accelerator and to learn the experimental techniques involved in exploring the properties of the strange elementary particles.
- JOHN C. WHEATLEY, Associate Professor of Physics, full year, one-half pay; to serve as a guest professor at the Institute of Physics, at S.C. de Bariloche in Argentina, by giving a course of lectures on low temperature physics and directing low temperature research program at that Institute.

College of Fine and Applied Arts

Department of Architecture

- GEORGE T. CLAYTON, Associate Professor of Architecture, second semester, full pay; to investigate in detail the principles and techniques of the design, production, and erection of manufactured building components for fire resistive buildings.
- WALTER M. JOHNSON, Associate Professor of Architectural Drawing, second semester, full pay; for a survey of art education as developed in the continuing adult education programs in selected state-supported universities and colleges.
- ALAN K. LAING, Professor of Architecture and Chairman of the Department, full year, one-half pay; for a study of the projected design for the Cathedral of St. Pierre at Beauvais, France, and of other architectural monuments in Europe.

Department of Art

- EDWARD H. BETTS, Professor of Art, second semester, full pay; for creative work in painting, using a totally new environment as a fresh source of inspiration for landscape imagery.
- CARLETON W. BRIGGS, Associate Professor of Art, first semester, full pay; to apply fullest possible consecutive time to painting, and to plan and begin revision of a textbook now in use, the supply of which will be exhausted by 1963-64.
- RICHARD E. HULT, Associate Professor of Art, second semester, full pay; to study and complete experiments in portrait painting to develop a more creative, interpretive, and personal means of expression.
- RAYMOND PERLMAN, Associate Professor of Art, second semester, full pay; to travel and study throughout the United States, Mexico, and Central America.

to re-establish close contact with applicant's field of advertising design and to draw, paint, and design experimentally.

- EDWIN C. RAE, Professor of Art, full year, one-half pay; to investigate character and extent of late medieval sculpture in Ireland, and to study Romanesque sculpture in France for itself and as possible source for Irish sculpture.

School of Music

- PETER S. FARRELL, Assistant Professor of Music, second semester, full pay; for a study of body movements in string instrument playing, with special attention to coordinated movements involving use of the spine and shoulder girdle as levers. (Alternate plan: to organize, and present as a system for use in playing and teaching, the presently available knowledge about body movements in string playing.)

- LEJAREN A. HILLER, JR., Assistant Professor of Music, first semester, full pay; for the study of electronic and experimental music processes at important music centers in this country and Europe, and the composition of original electronic music.

- CHARLES LEONHARD, Professor of Music, second semester, full pay; to carry on independent study of aesthetics, consult with aestheticians, and derive implications of aesthetic theory for the conduct of the public school music program.

- GRACE E. WILSON, Associate Professor of Music, second semester, full pay; primarily to pursue further study in vocal physiology and pedagogy, secondly to continue study in vocal technique and solo literature.

Graduate College

- DAVID E. MULLER, Professor of Applied Mathematics, Digital Computer Laboratory, full year, one-half pay; for continuing research in the theory of switching and the logic of computers.

Institute of Government and Public Affairs

- SAMUEL K. GOVE, Associate Professor, six months beginning March 1, 1962, full pay; to study the use of publicly supported higher educational institutions by the political parties in selected states.

- GILBERT Y. STEINER, Professor and Director of the Institute of Government and Public Affairs, six months beginning September 1, 1961, full pay; to study and compare ways of using university resources to meet problems of urban growth in various governmental systems.

Institute of Labor and Industrial Relations

- MILTON DERBER, Professor of Labor and Industrial Relations, six months beginning September 1, 1961, full pay; for research on worker and union participation in management in Israel; and to study effects of various programs on economic performance and as systems of industrial democracy.

- O. HERMAN ERICKSON, Professor of Labor and Industrial Relations, six months beginning September 1, 1961, full pay; to study the impact of adult education in Sweden or Denmark on social, political, and economic institutions.

College of Law

- ROBBEN W. FLEMING, Professor of Law, second semester, full pay; for preparation of a reference book on labor law.

College of Liberal Arts and Sciences

Department of Astronomy

- GEORGE C. McVITTIE, Professor of Astronomy and Head of the Department, second semester, full pay; to prepare the theoretical formulae in cosmology that will be used to interpret the data from the radio telescope of the University of Illinois and to revise and bring up to date "General Relativity and Cosmology," by George C. McVittie (London: Chapman and Hall, 1956).

Department of Botany

- LINDSAY M. BLACK, Professor of Botany and of Plant Pathology, first semester, full pay, and second semester, without pay, or full year, one-half pay; to

learn new chemical and physical techniques that will be useful in biological experiments with the plant viruses.

Department of Chemistry and Chemical Engineering

HERBERT E. CARTER, Professor of Biochemistry and Head of the Department of Chemistry and Chemical Engineering, first semester, full pay; to visit important biochemical departments and lipid research centers of Europe in order to study at first hand their present programs and long-range objectives.

HERBERT A. LAITINEN, Professor of Analytical Chemistry, second semester, full pay; to study experimental research techniques in high temperature electrochemistry.

KENNETH L. RINEHART, JR., Assistant Professor of Organic Chemistry, second semester, full pay; to study physical and chemical methods for the structural elucidation of natural products, as applied particularly to antibiotics.

Department of English

MURRAY KRIEGER, Professor of English, first semester, one-half pay; for completion of *The Classic Vision*, the final portion of a three-volume study, two volumes of which have been published.

ROBERT ORNSTEIN, Assistant Professor of English, first semester, one-half pay, and second semester, without pay; to devote the year to work on a scholarly book on Shakespeare's history plays.

J. KERKER QUINN, Associate Professor of English, second semester, full pay; for preparation of an edition of correspondence between W. B. Yeats and F. P. Sturmf, and investigation of Sturmf's life and work.

ROBERT L. SCHNEIDER, Assistant Professor of English, first semester, full pay; to provide time, free from teaching and committee work, for full concentration on a critical study of the fiction of George Eliot.

CHARLES H. SHATTUCK, Professor of English, full year, one-half pay; to compile for publication a descriptive catalog of all the discoverable Shakespeare prompt-books, from the beginnings to circa 1914-20.

HARRIS W. WILSON, Professor of English, full year, one-half pay; to launch and complete a study of H. G. Wells and the Fabians, based on the H. G. Wells Archive at the University of Illinois.

Department of French

BRUCE H. MAINOUS, Associate Professor of French, second semester, full pay; for European travel and research in nineteenth-century French literature utilizing primary sources in European collections, mainly in Paris and vicinity.

Division of General Studies

EDWIN M. BANKS, Assistant Professor of Biological Science and of Animal Behavior, Department of Animal Science, full year (February 1, 1962, to February 1, 1963), one-half pay, or second semester of 1961-62, full pay; full year leave contingent upon receipt of outside supplementary financial aid; to pursue a research program involving the psychosocial and physiological components of sexual behavior in sheep.

FRANK COSTIN, Associate Professor of Psychology and Counselor in the Student Counseling Service, first semester, full pay; to complete a study on the effects of abnormal psychology and mental hygiene courses on attitudes toward mental illness, and to visit universities doing similar kinds of research.

Department of Geography

JOSEPH A. RUSSELL, Professor of Geography and Head of the Department, second semester, full pay; to initiate field study in Greece and Turkey and to continue detailed field investigation of economic and geographic aspects of industrial dispersal in northern Italy.

Department of Geology

HAROLD W. SCOTT, Professor of Geology, second semester, full pay; to study handwritten manuscripts in the Rare Manuscript Library, University of Edinburgh, Scotland; these manuscripts cover geological thought prior to any published records.

Department of German

FRANCIS J. NOCK, Associate Professor of German and Acting Chairman of the Department, second semester, full pay; to study and collate certain manuscripts and fragments of the medieval German poem *Parzival* leading to a monograph study of their relationship.

Department of History

ARTHUR BESTOR, Professor of History, full year, one-half pay; to write a history of American constitutional development from the point of view of intellectual history as well as the history of constitutional law.

Department of Mathematics

ROBERT G. BARTLE, Associate Professor of Mathematics, first semester, full pay; for research at the University of California, Berkeley, and to renew contact with research mathematicians there.

DAVID G. BOURGIN, Professor of Mathematics, second semester, one-half pay; to pursue research on fixed point theory and mappings and to complete a monograph on this subject.

DONALD L. BURKHOLDER, Associate Professor of Mathematics, first semester, full pay; to devote full time to research in statistical decision theory.

Department of Physiology

WILLIAM H. JOHNSON, Associate Professor of Physiology, full year, one-half pay; for a study of mechanical properties of muscles obtained from European molluscan forms in an attempt to further elucidate molecular mechanisms underlying tonic contraction.

Department of Political Science

CHARLES M. KNEIER, Professor of Political Science, second semester, full pay; for a study of the legal and administrative problems which have developed in the field of federal-local relations in the period since 1930.

Department of Psychology

WESLEY C. BECKER, Associate Professor of Psychology, full year, one-half pay; to review the research literature on parent-child relationship and to undertake studies preliminary to a longitudinal study of parent-child relationships.

ALICE K. JONETZ, Associate Professor of Psychology and Clinical Counselor in the Student Counseling Service, full year, one-half pay; to complete a comparative study of achieving and nonachieving British and American students of superior ability and similar socio-economic background; the American study has been completed.

Department of Spanish and Italian

FRED P. ELLISON, Associate Professor of Spanish, second semester, full pay; for research and travel in Brazil concerned with an interpretation of social symbols in the dominant forms of the contemporary Brazilian novel, a cultural and aesthetic investigation.

Department of Speech and Theatre

MARTIN T. COBIN, Associate Professor of Speech, second semester, full pay; to study experimental methodologies and their application to research in the artistic function of language, particularly spoken language.

LEE S. HULTZÉN, Professor of Speech, first semester, without pay, and second semester, full pay; to investigate the validity for one or more languages of a theory of phonetic patterns determined by information content.

WESLEY SWANSON, Professor of Speech and Theatre, full year, one-half pay; for preparation of a book on the theories of Edward Gordon Craig, a precursor of "the new movement in the theatre," with especial attention to their genesis.

Department of Zoology

ROBERT M. SMITH, Professor of Zoology, second semester, full pay; to complete a monographic survey of the some 1,500 species and subspecies of Mexican amphibians and reptiles.

College of Physical Education

MARGARET ERLANGER, Associate Professor of Physical Education for Women, full year, one-half pay; for a study of Kabuki drama with special emphasis on the preparatory training program in dance, drama, and music.

HOWARD S. HOYMAN, Professor of Health Education and Head of the Department of Health and Safety Education, second semester, full pay; primarily to study school health education programs in the Scandinavian countries, particularly in Sweden, and school and public health education programs in Russia.

CHARLES P. POND, Assistant Professor of Physical Education for Men and Head Gymnastics Coach, full year, one-half pay; to study sports and physical education programs at the University of Bogotá and primitive sports practiced by Colombian peoples, and to lecture at the University and organize national sports programs and teams.

College of Veterinary Medicine

ELWOOD F. REBER, Professor of Veterinary Physiology and Pharmacology and of Veterinary Research, full year, one-half pay; to investigate thyroid physiology and the influence of climatic conditions on thyroid activity of swine.

Chicago Undergraduate Division

EVELYN FRANK, Professor of Mathematics, second semester, full pay; for continued research on continued fractions and applications to electronic computers, January to April, 1962; and for lectures and research at the Engineering University, Munich, on numerical analysis for computers, May to August, 1962.

W. NELL STALLINGS LOVE, Assistant Professor of English, second semester, full pay; to complete research in the use of the epyllion in selected Latin, British and American writers, and to continue research in Elizabethan song.

JOHN D. MCNEE, Associate Professor of Art, full year, one-half pay, or second semester, full pay; full year leave contingent upon receipt of supplementary outside financial assistance; to examine and study historical and current art works in Italy, to exchange ideas with Italian artists, and to explore the effects of the social milieu on the Italian artists and do creative work in painting.

CARL R. MELOY, Professor of Chemistry and Head of the Division of Physical Sciences, full year, one-half pay; for research in organic chemistry at the Imperial College of Science and Technology, London, where arrangements have been made with Dr. Owen of that institution for work with his research group.

CARL A. PITT, Associate Professor of Speech, second semester, full pay; for a study to determine the effectiveness of keynote speeches delivered before the six most recent national conventions of the Republican party.

ANDREW SCHILLER, Assistant Professor of English, second semester, full pay; to develop a linguistically based general theory of English metrics as a contribution toward supplanting the traditional system, long considered inadequate.

JAMES B. STRONKS, Assistant Professor of English, full year, one-half pay; to study in Sweden manuscript sources for a book on the early middle western realists, and, upon return, to finish that book.

ELIZABETH TEICHMANN, Assistant Professor of Foreign Languages, second semester, full pay; for research at the Bibliothèque Nationale, Paris, on the reception in France of the German poet, Ludwig Tieck; this comparative literature study deals with nineteenth-century Franco-German relations.

Chicago Professional Colleges

MADELEINE F. BARNOOTHY, Associate Professor of Physics, College of Pharmacy, second semester, full pay; to intensify research in the biological effects of magnetic fields by devoting full time to research and by visiting selected laboratories to learn a specific experimental technique.

RALPH DANIELS, Associate Professor of Chemistry, College of Pharmacy, full year, one-half pay; for research, advanced study, and scholarly writing in the fields of carbene and heterocyclic chemistry.

- ARTHUR LA VELLE, Associate Professor of Anatomy, College of Medicine, six months beginning October 1, 1961, full pay; to study and work on the problem of an immunochemical approach to the development of nerve cells.
- SAMUEL R. M. REYNOLDS, Professor of Anatomy and Head of the Department, College of Medicine, six months beginning August 1, 1962, full pay; for research and observation in the Women's National Hospital, University of New Zealand; the work will be done in collaboration with a former colleague who is now Professor of Obstetrics and Gynecology and Director of the Women's National Hospital, to bring together in a single line of work experiences gained in two independent lines of basic research over a period of twenty years in animal experimentation and observation of human patients.
- CEDRIC M. SMITH, Associate Professor of Pharmacology, College of Medicine, full year, one-half pay; to increase proficiency in research and teaching of neuropharmacology to medical and graduate students by intensive research training in neurological mechanisms of drug action.

On motion of Mr. Hughes, these leaves were granted as recommended.

AMENDMENT OF UNIVERSITY REGULATIONS FOR ADMINISTRATION OF ACCOUNTANCY LAW

(6) Under the Illinois Accountancy Law regulating the practice of public accounting, the University has the responsibility of determining by examination and otherwise the qualifications of applicants for the certificate of Certified Public Accountant, and of issuing such certificates. The University is empowered to adopt regulations for the administration of the examinations, said regulations being subject to approval by the Board of Trustees.

The Committee on Accountancy¹ recommends that the provision in Section 16 which relates to "The Study of Accounting and Related Subjects" and proof of preliminary education required for admission to the Illinois Certified Public Accountant examinations be amended to read:

Official credentials indicating the successful completion of the required number of semester hours of residence or correspondence study in the subjects specified in the Act in institutions acceptable to the University. Credentials for study in residence or correspondence schools which specialize in business training are acceptable up to thirty semester hours in the subjects of accounting, auditing, economics, business law, and finance, provided satisfactory proof is presented that at least 50 per cent of their courses in accounting are taught by certified public accountants. Credit for study in accounting, auditing, economics, business law, and finance in excess of thirty semester hours and credit for study in other or additional subjects will be allowed: (1) if such study has been completed at regularly accredited institutions of higher learning, or (2) if such study has been completed in residence or correspondence schools which specialize in business training provided satisfactory proof is presented that at least 50 per cent of their courses in accounting are taught by certified public accountants and, provided further, that the semester hours of study in these subjects is equivalent to comparable courses offered by accredited institutions of higher learning. Accredited institutions of higher learning are those approved by a recognized regional accrediting agency such as the North Central Association or by an accrediting agency affiliated with the National Commission on Accrediting.

(The present portion of Section 16 which is being amended reads:

"Official credentials indicating the successful completion of the required number of semester hours of residence or correspondence study in the specified subjects in institutions acceptable to the University. Credentials of schools which specialize in business training are acceptable provided

¹The University's responsibilities, under the law, are administered by a Committee on Accountancy, appointed by the Board of Trustees on recommendation of the President of the University, and a Board of Examiners in Accountancy, three in number, which gives the examinations. The present members of the Committee are Professor Horace M. Gray, Chairman, Dean Charles W. Sanford, Mr. Edward J. Smith, and Professor J. Nelson Young. The members of the Board of Examiners are Mr. Allen C. Howard, Mr. William Deeming, and Mr. William Emery.

satisfactory proof is presented that at least 50 per cent of their courses in accounting are taught by certified public accountants.")

I concur and recommend that this change become effective for all candidates for the Certified Public Accountant examinations in November, 1961, and thereafter.

On motion of Mr. Clement, the recommended change in the regulations was approved.

APPROPRIATION BY ATHLETIC ASSOCIATION

(7) The Board of Directors of the Athletic Association has approved an appropriation of \$26,347 to supplement the budgeted item for insurance and retirement. Confirmation of this action is requested.

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

NONRECURRING APPROPRIATION

(8) The Vice-President and Comptroller and the Vice-President and Provost recommend an appropriation of \$3,000 from the University General Reserve for replacement of the Varitype equipment in the Stenographic Service.

I concur.

On motion of Mr. Johnston, this appropriation was made 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.

CONTRACT FOR LANDSCAPING OF PEABODY DRIVE RESIDENCE HALLS AREA

(9) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$19,259.85 to Twin City Nursery and Landscape Service, Inc., Urbana, the lowest bidder, for landscaping of the area of the Peabody Drive Residence Halls.

Funds are available in the construction account for these residence halls which were financed through a revenue bond issue.

I concur.

On motion of Mrs. Watkins, this contract was awarded 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.

COMMONWEALTH FUND GRANT FOR STUDY OF MEDICAL EDUCATION

(10) The Commonwealth Fund has made a supplementary grant of \$128,000 to the University of Illinois College of Medicine for an additional two years beginning September 1, 1961, for the study and evaluation of the program in medical education. This is in addition to a grant of \$112,000 made in 1958 for the support of a two-year pilot program of educational research by the College of Medicine.

I have accepted this supplementary grant and am pleased to report it for the record.

This report was received for record.

PURCHASES

(11) 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>
One dual column gas chromatograph with accessories	Biological Chemistry	Barber-Colman Co., Wheelco Instruments Division, Chicago	\$ 8 102 00 net delivered
One plate and film microcomparator	Biological Chemistry	Gaertner Scientific Corp., Chicago	4 000 00 net delivered

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One refrigerated centrifuge with continuous flow system	Biological Chemistry	Ivan Sorvall, Inc., Norwalk, Conn.	\$ 3 005 00 net delivered
18 items of stainless steel cages, racks, pans, and accessory parts for Medical Research Laboratory, totaling 3,137 pieces	Medical Research Laboratory	Joseph T. Ryerson & Sons, Inc., Chicago	186 905 26 net delivered
One medical gas monitor	Pharmacology, College of Medicine	Beckman Instruments, Inc., Spinco Division, Lincolnwood, Chicago	2 580 00 f.o.b. delivered
One variable speed 11-in. swing, 2,000 r.p.m., precision tool room lathe	Pharmacology, College of Medicine	Boyd-Wagner Co., Chicago	2 740 00 net delivered
500,000 primidone tablets, 0.25 gm. (This is a six-month supply.)	Pharmacy	Averat Laboratories, Chicago	13 290 00 delivered
50,000 hydrochlorothiazide tablets, 50 mg.	Pharmacy	Ciba Pharmaceutical, Chicago	2 783 00 net delivered
50,000 hydrochlorothiazide tablets, 25 mg. (This represents a three-month supply.)			
20,000 tetracycline V capsules, 250 mg. (This is a three-month supply.)	Pharmacy	E. R. Squibb & Sons, Franklin Park	3 508 00 net delivered
One X-ray spectrograph and accessories	Research and Educational Hospitals	Philips Electronic Instruments, Chicago	16 543 00 net delivered
One lot of laboratory supplies consisting of 600 thermometers, 135 boxes rubber tubing, 444 plastic bottles, 336 bags of corks, 12 funnels, 462 boxes filter paper, 144 graduates, 96 sponges, 96 dozen capillary tubes, 2640 pints reagent chemicals, 72 rolls plastic film, and 400 cases Pyrex laboratory glassware	General Stores	E. H. Sargent & Co., Chicago	12 439 05 net delivered
30 microscopes, less trade-in allowance of thirty used microscopes	Student Supply Store	A. S. Aloe Co., Schiller Park	5 602 25 net delivered

Urbana-Champaign Departments

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
5,000 copies each of eight different soil maps; total of 40,000 maps	Agronomy	Altoona Map Co., Baltimore, Md.	\$10 740 00 f.o.b. delivered
Deposit for providing three-phase electric power service to the Radio Astronomy Station at Union Corner, Ill.	Astronomy	Illinois Power Co., Danville	4 100 00
One ultracentrifuge with two rotors, tubes, and quartz tube scanner	Botany	Beckman Instruments, Inc., Spinco Division, Palo Alto, Calif.	8 635 85 f.o.b. delivered
One analog computer, "demonstrator" with new equipment guarantee, portable, all-transistorized, with X-Y plotter, expandable modular construction, nonlinear components available to generate x^3 , $\log x$, or arbitrary functions, and electronic multipliers	Chemistry and Chemical Engineering	R. Edward Stemm, Inc., Chicago	10 854 90 f.o.b. delivered
One ultracentrifuge with three rotors to accept 38.5 c.c., 34 c.c., and 13.5 c.c. tubes	Chemistry and Chemical Engineering	Beckman Instruments, Inc., Spinco Division, Palo Alto, Calif.	8 030 00 f.o.b. delivered
One complete motion analyzer with automatic readout consisting of one projection head, one projection case with 10X magnification, and one automatic readout and printer for the above projection case	Chemistry and Chemical Engineering	Vanguard Instrument Corp., Roosevelt, Long Island, N.Y.	9 450 00 f.o.b. delivered
Laboratory apparatus and equipment	General Chemical Stores	E. H. Sargent & Co., Chicago	3 151 00 f.o.b. delivered
Laboratory apparatus and equipment	General Chemical Stores	Schaar & Co., Chicago	4 726 24 f.o.b. delivered
One dual beam oscilloscope, d.c.-30m.c. with sweep delay range of 0.5 microseconds to 50 seconds	Coordinated Science Laboratory	Tektronix, Inc., Park Ridge	3 210 00 f.o.b. delivered
One mobile oscilloscope table with supporting cradles to support two plug-in preamplifiers			Portland, Ore.
Two dual-trace d.c. plug-in preamplifiers			

Item	Department	Vendor	Cost
Polarized, etched-foli tantalum capacitors: 250 8 mfd., 100 volts working 250 18 mfd., 50 volts working 250 60 mfd., 15 volts working 250 250 mfd., 15 volts working	Digital Computer Laboratory	Standard Pressed Steel Co., Jenkintown, Pa.	\$2 937 30 f.o.b. Nashville, Tenn.
One high-frequency bridge, range 300-2400 m.c., and One UHF power signal generator, range 275-2750 m.c.	Digital Computer Laboratory	Rohde & Schwarz Sales Co., Inc., Passaic, N.J.	8 985 00 f.o.b. delivered
50,000 (approximately) glass germanium diodes per specifications developed in the Digital Computer Laboratory	Digital Computer Laboratory	Clevite Transistor, Waltham, Mass.	55 000 00 f.o.b. delivered
One twin channel high-frequency receiver, frequency range 1 to 30 m.c./s, IF output 100 k.c./s at 75 ohms	Electrical Engineering	Racal Engineering Ltd., Somerville, Mass.	8 425 00 f.o.b. delivered
One high-resolution high-contrast electron microscope with acceleration voltages 40, 60, 80, and 100 kv.; 210 times to 100,000 times magnification continuously variable during operation; airlocks; and vacuum system with buffer tank	Electron Microscope Laboratory	Siemens New York, Inc., New York, N.Y.	39 900 00 f.o.b. delivered
Examinations, special graduate record type: 1,325, including 838 aptitude, 9 advanced, 478 advanced aptitude 501 (estimated to include 325 aptitude) 2 advanced and 173 advanced aptitude	Graduate College	Educational Testing Service, Princeton, N.J.	5 984 49 f.o.b. Princeton, N.J.
Sixteen fifteen-tray card catalog units Seven bases for catalog units Seven cornices for catalog units Two sixty-tray card catalog units	Library	Gaylord Bros., Inc., Syracuse, N.Y.	3 629 00 f.o.b. delivered
One ultracentrifuge with two rotors and rotor temperature indicator	Microbiology	Beckman Instruments, Inc., Spinco Division, Palo Alto, Calif.	7 885 00 f.o.b. delivered
Repair and renovate the Auditorium organ to include new chests, relays, revoicing, instrumentation, and tuning	Music	Wicks Organ Co., Highland	39 982 00 f.o.b. delivered
One tally punch completely compatible and mated for binary coded decimal information with the 512-channel scaler analyzer	Physics	Radiation Counter Laboratories, Inc., Skokie	3 250 00 f.o.b. Skokie
One fast rise oscilloscope d.c.-30 m.c., 12 nanoseconds rise time; three plug-in preamplifiers; one time marker; and one portable scope cart	Physics	Tektronix, Inc., Park Ridge	2 505 00 f.o.b. Portland, Ore.
One leak detector, helium mass spectrometer type, sensitivity one part of helium in ten million parts of air, noise level less 2 per cent full scale, including one double valve inlet assembly, and sensitivity calibrator	Physics	Vacuum-Electronics Corp., Plainview, Long Island, N.Y.	4 115 00 f.o.b. delivered
1,316 feet round seamless brass tubing	Physics	Central Steel & Wire Co., Chicago	3 240 00 f.o.b. delivered
One plant growth room 9 ft. x 6 ft. x 8 ft. with 3,000 foot candles of light at 36 in., walk-in model, complete with movable work bench and thermostatically controlled heat units	Plant Pathology	Percival Refrigeration & Manufacturing Co., Boone, Iowa	5 365 00 f.o.b. delivered
1,300 copies of <i>An Investigation of Response Error</i> , by Lansing, Ginsburg, and Braaten, approximately 304 pages per copy	Bureau of Economic and Business Research	Edwards Bros., Inc., Ann Arbor, Mich.	2 775 35 f.o.b. delivered
Print and bind 3,000 copies of <i>Public Higher Education in Illinois</i> , approximately 240 pages per copy	Office of Admissions and Records	American Book-Stratford Press, Inc., New York, N.Y.	3 261 61 f.o.b. delivered
3,500 copies of <i>The Process and Effects of Mass Communication</i> , by Wilbur Schramm, approximately 600 pages per copy	University Press	Edwards Bros., Inc., Ann Arbor, Mich.	4 786 00 f.o.b. delivered

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Print and bind 2,000 copies of <i>Elifak P. Lawry, Abolitionist Editor</i> , by Merton L. Dillon, approximately 208 pages per copy	University Press	George Banta Co., Chicago	\$3 386 00 f.o.b. delivered
Print and bind 40,000 copies of <i>You Learn to Sew</i> , approximately 20 pages per copy	Home Economics	P.D.Q. Printing Service, Urbana	2 863 00 f.o.b. delivered
464 settee-beds for Orchard Downs Apartments for married students and single Graduate Student Residence Hall	Housing Division	The Englander Co., Chicago	71 896 80 f.o.b. delivered
1,293 captain's chairs for single Graduate Student Residence Hall and Orchard Downs Apartments for married students	Housing Division	S. Buckman Furniture & Supply Co., Spring Valley	31 536 27 f.o.b. delivered
1,293 desks for single Graduate Student Residence Hall and Orchard Downs Apartments for married students	Housing Division	S. Buckman Furniture & Supply Co., Spring Valley	104 600 08 f.o.b. delivered
617 beds for Orchard Downs Apartments			
One stainless steel conveyor belt for Hobart model FT-24 dishwasher for Gregory Drive Residence Hall food area	Housing Division	Hobart Manufacturing Co., Troy, Ohio	3 094 00 Troy, Ohio
Labor and material to install new solution control valve and necessary accessories and fittings to modernize Illini Union absorption type air-conditioning system	Illini Union	Carrier Corp., Chicago	2 957 00 f.o.b. delivered and installed
12 rolls locker paper			
12 rolls butcher paper			
10 cases, 100 per case, quart-size containers	Office Supply Store	O. K. Papers, Inc., Chicago	3 381 00 f.o.b. delivered
150 cases, 12,000 per case, paper napkins, 12 in. x 13 in.			
100 cases, 7,500 per case, paper napkins, 12 in. x 16½ in.			
Furnish and install 84 guided venetian blinds in the Fine and Applied Arts Building	Physical Plant	Mackin Venetian Blind Co., Mokena	3 155 88 f.o.b. delivered and installed
150 (approximately) window air conditioners of various capacities to be furnished as needed during the period April 1, 1961, to September 30, 1961	Physical Plant	Yeomans Distributing Co., Peoria	23 385 95 f.o.b. delivered

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

On motion of Mr. Swain, a recommendation for the purchase of two film inspection machines for the Audio-Visual Aids Service, which had been included in the list of purchases recommended, was referred to a special committee to be appointed by the President of the Board.

COMPTROLLER'S REPORT OF CONTRACTS

(12) The Comptroller's report of contracts executed during the period February 1 to February 28, 1961.

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
American Gas Association	Effects of alternating current on the corrosion of steels buried in soils	\$16 300 00	February 10, 1961
City of Decatur	Immediate and long-range needs of older citizens	7 500 00	January 15, 1961
Streator Civic Association	Appraisal of recreation and park resource and services	750 00	January 9, 1961
United States Air Force AF-33(600)-42393	Testing of concrete slabs and strips	5 000 00	December 14, 1960
United States Air Force AF-30(602)-2413	Correlation of propagation variation with D/F accuracy	248 990 00	January 3, 1961
United States Navy Nour-1834(37)	Investigation on the mechanism of antibody formation in the pig	25 449 00	November 1, 1960

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>	<i>Effective Date</i>
General Electric Co.	Provide more efficient access to the library holdings and increase speed, accuracy, and efficiency of routines	\$30 000 00	January 30, 1961

Leases

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>	<i>Effective Date</i>
Kathleen F. Gallivan	Portion of second floor at 26 East Springfield Avenue, Champaign	\$ 55 00 per month	November 1, 1960
Massey-Ferguson, Inc.	One No. 35 tractor, one No. 31 balanced mower, one No. 62 plain plow	335 12 annually	July 1, 1960

Contract Changes

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
Griffin Wheel Co.	Properties of refractories as related to service in a steel pressure casting process	\$17 500 00	February 1, 1961
United States Air Force AF-33(616)-6079	Antenna research	119 989 00	October 28, 1960
United States Army DA-18-064-404 CHL 426	Synthesis of fluorine compounds	8 000 00	December 30, 1960
United States Atomic Energy Commission AT(11-1)-415	Unclassified research on electronic high-speed digital computers	600 000 00	January 13, 1961
United States Atomic Energy Commission AT(11-1)-67	Structural changes in metals due to annealing after deformation	24 385 00	January 17, 1961

Adjustments Made in 1960-61 Cost-Plus Contract

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>	<i>Date</i>
E. T. Drewitch (Plastering)	Twenty-four items: \$25.00 to \$970.00	\$ 2 687 00	January and February, 1961

This report was received for record.

CHANGE IN OFFICE OF LEGAL COUNSEL

(13) Mr. Ralph F. Lesemann, who has been Legal Counsel for the University of Illinois since July, 1951, has asked to be relieved of this administrative assignment because of his health. He is also Professor of Law on indefinite tenure but has no teaching assignments. He plans to leave the community to make his home again in Belleville, Illinois, where he lived while practicing law in East St. Louis, prior to joining the University staff. He is willing, however, to serve the University in a part-time capacity.

The University administration must, of course, respect the decision on grounds of health. At the same time we should like to take advantage of Mr. Lesemann's willingness to continue his services to the University. Accordingly, I recommend a change in Mr. Lesemann's status from that of Legal Counsel on full time to Special Counsel on 45 per cent time for such assignments of legal work as can be carried on by him at his headquarters in Belleville. In general, these assignments will consist of continuation of his services as counsel in existing, unfinished litigation, additional legal services in future court proceedings upon assignment, and special research problems which will draw upon his background and experience. Under this arrangement, assignments of work to Mr. Lesemann will be made by his successor as head of the Legal Counsel's Office and will be subject to appraisal by the head of that office. I also recommend an allowance of \$1,800 for the year for part-time secretarial services.

This arrangement is recommended for the year beginning September 1, 1961, and its continuation would be subject to mutual agreement and upon recommendation of the University Council.

I have appointed a special search committee¹ to make recommendations con-

¹ Dean Russell N. Sullivan of the College of Law, Mr. H. O. Farber, Vice-President and Comptroller, and Mr. A. J. Janata, Secretary of the Board of Trustees, Chairman.

cerning Mr. Lesemann's successor as Legal Counsel and such reorganization of his office as this change in its administration may involve.

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

Mr. Johnston moved that the Board record its appreciation of Mr. Lesemann's services during the past ten years. Following other tributes expressed by several of the Trustees, particularly Mr. Dilliard and Mr. Hughes, this motion was adopted.

Mr. Lesemann responded briefly, thanking the Board.

EMPLOYMENT OF SPECIAL COUNSEL

(14) Suit has been filed in the Superior Court of Cook County by Leo F. Koch seeking judgment against the University in the sum of \$5,900, representing the salary which he would have received during the academic year 1960-61, plus interest and court costs, and also seeking a Writ of Certiorari and also asking the Court to set aside the action of the Board of Trustees of the University of Illinois in terminating his appointment at the University on August 31, 1960. It is recommended that the Board authorize the employment of Mr. Albert E. Jenner, Jr., as special counsel for the University to assist in the defense of this suit.

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

CHICAGO UNDERGRADUATE DIVISION SITE

(15) The action of the Board of Trustees at its meeting on February 16, 1961, accepting the offer of the Harrison-Halsted Streets site for the new Chicago Undergraduate Division campus authorized the President of the University to develop a memorandum of understanding between the University of Illinois, the city of Chicago, and the Chicago Land Clearance Commission, such memorandum to be presented to the Board for approval at a subsequent meeting.

President Henry stated that since the last meeting of the Board of Trustees, discussions have been held with representatives of the city of Chicago and the Chicago Land Clearance Commission concerning various phases of planning such as the priority for the delivery of various land parcels within the site, traffic questions, and the procedures to be followed in developing a contract for acquisition of the land by the University.

Ultimately, a contract will be executed by the Board of Trustees, but such contract will not be ready for Board action for several months. However, this does not mean that planning by the University will stop in the interim. In fact, the continuation of the University's studies on site planning is essential in order that sufficient information may be available to provide a firm basis for the contract terms with the city of Chicago and the Chicago Land Clearance Commission.

This report was received for record.

PRELIMINARY STUDIES OF MEDICAL SCIENCES ADDITION

Director C. S. Havens and Mr. Ambrose Richardson, Consulting Architect, reported on preliminary studies of an addition to the Medical Sciences Building, illustrating their presentation with drawings and building models.

This was presented for the information of the Board, and no action was requested or taken.

STUDY OF STUDENT ECONOMICS

(16) During the second semester of 1959-60, a study of student economics was conducted under the direction of a committee appointed by the Vice-President and Provost. A sample of 933 undergraduate students out of the total enrollment participated. The sample included students in all four undergraduate classes, in the professional colleges, and in the Graduate College, with categories for each grouping for married men, single men, and single women. The purposes of the

study were (a) to determine the cost to students of attendance at the University, including expenditures for all items; (b) to determine the income and sources of funds of such students, including the sources and value of the assets; and (c) to determine the debts of students, including the amounts and the purposes for which the debts were incurred.

The data compiled have provided the University with facts upon which to base policy decision regarding the effects of increases in tuition charges, the need for increased student financial aid, the need for part-time employment for students, and related measures.

Professor William A. Neiswanger of the Department of Economics, a member of the Committee, and Mr. Earl E. Ryder, Jr. and Mr. Jerry H. Currnutt, graduate students who worked with him on the project, were present at today's meeting and made a preliminary report of the study, the results of which will be published.

At the conclusion of this presentation, Professor Neiswanger answered questions.

On motion of Mr. Dilliard, the Board recorded its appreciation of the services of the members of the staff and students who participated in this study.

ILLINOIS BUDGETARY COMMISSION HEARINGS

(17) President Henry reported that the Illinois Budgetary Commission held hearings in Springfield, on Monday, March 13, 1961, on the University of Illinois operating budget for 1961-63, and also on the capital budgets and building programs of all six state universities.¹

The Commission endorsed a proposal for emergency legislation to allocate funds from the proceeds of the University's Bond Issue for construction at the state universities, with particular reference to providing funds for buildings and other capital improvements for which appropriations had been made for the biennium of 1959-61 but which have not been released.

This report was received for record.

CONFERENCE ON HIGHER EDUCATION

Mrs. Watkins reported on the annual Conference on Higher Education sponsored by the National Education Association, held in Chicago last week, which she attended as one of the representatives of the University of Illinois.

LEO F. KOCH CASE

Mr. Dilliard informed the Board that he has received a number of letters from various parts of the country regarding the action of the University in terminating the appointment of former Assistant Professor Leo F. Koch. Mr. Dilliard stated that in replying to these letters he informed the writers he was not in the position to discuss the case because he was not a member of the Board of Trustees when the action was taken.

ASSIGNMENT OF FUNDS FOR CONSTRUCTION OF ENTOMOLOGY BUILDING

At its meeting on January 18, 1961, the Board authorized contracts for the construction of the Entomology Building. It was reported that negotiations were under way to secure an additional federal grant of

¹The University of Illinois representatives at this hearing were: Mr. Kenney E. Williamson, President of the Board, Mr. Harold Pogue, Chairman of the Committee on Buildings and Grounds of the Board of Trustees, President David D. Henry, Vice-President and Comptroller, H. O. Farber, Vice-President Norman A. Parker, Vice-President Joseph S. Begando, Mr. C. S. Havens, Director of the Physical Plant, Mr. C. E. Flynn, Assistant to the President and Director of Public Information, and Mr. Morris S. Kessler, Assistant to the Comptroller.

\$170,000 to match University funds of a like amount, which additional funds are necessary to underwrite the contracts for the construction of the building.

The recommendation to the Board did not state the specific source of University funds for the matching grant, and the Secretary requests authority to amend the minutes of the January 18 meeting to show that this assignment will be made from indirect costs available and accumulated from government research contracts.

On motion of Mr. Swain, this amendment was authorized.

APRIL MEETING

On motion of Mr. Johnston, the Board voted to hold its April meeting in Chicago on Wednesday, April 19, 1961, at an hour and place to be determined by the President and Secretary of the Board.

SECRETARY'S REPORTS

The Secretary presented for record the following lists: (1) appointments made by the President; (2) graduate fellows; (3) resignations, cancellations, and declinations; (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.)

- ARBENZ, MARY H., Assistant Professor of Speech and Theatre, March 1-August 31, 1961, to render service during the second semester of the academic year, \$6,300 a year, supersedes (2-4-61).
- ARCHER, WILLIAM K., Research Assistant Professor in the Institute of Communications Research, eight months from February 1, 1961, \$6,666.64 (2-4-61).
- BENNETT, PHILIP E., Instructor in Theoretical and Applied Mechanics (C), $\frac{3}{4}$ time, six months from March 1, 1961, to render service during the second semester of the academic year, \$4,050 a year, supersedes (2-13-61).
- BENTRUDE, WESLEY G., Research Assistant in Chemistry, one month from February 1, 1961, \$422.22 (2-18-61).
- BURNS, RICHARD O., Instructor in Neurology and Neurological Surgery (Medicine), one year from January 1, 1961, without salary (2-3-61).
- BUSTARD, SARAH M. S., Assistant in Verbal Communication (Division of General Studies), February 1-June 15, 1961, \$422.22 a month (2-4-61).
- CHUANG, YAO HUANG, Assistant in Prices and Statistics, Department of Agricultural Economics (S), February 1-June 15, 1961, \$488.89 a month, supersedes (2-4-61).
- CRIMMEL, HENRY H., JR., Instructor in Philosophy, February 1-June 15, 1961, \$644.45 a month (2-4-61).
- CURTIS, HERBERT J., Associate Professor of Mathematics, on indefinite tenure, and Acting Head of the Division (Chicago Undergraduate Division), six months from March 1, 1961, to render service during the second semester of the academic year, \$8,000 a year, supersedes (2-4-61).
- DE FRIES, JOHN C., Assistant Professor of Genetics, Department of Dairy Science (C and S), seven months from February 1, 1961, \$7,350 a year, supersedes (2-4-61).
- DODD, LLOYD E., Instructor in English (Chicago Undergraduate Division), $\frac{3}{4}$ time, February 1-June 30, 1961, to render service during the second semester of the academic year, \$2,025 (2-4-61).
- ELIAS, BASIL C., Assistant in Economics (Chicago Undergraduate Division), February 1-June 15, 1961, \$2,000 (2-21-61).
- ENDERBY, CHARLES E., Assistant Professor of Electrical Engineering (S), seven months from February 1, 1961, \$8,500 a year, supersedes (2-13-61).
- GAINES, ALAN M., Assistant in Physical Sciences (Chicago Undergraduate Division), February 1-June 15, 1961, \$500 a month (2-4-61).

- GIBSON, MRS. A. JANE, Research Associate in Chemistry, five months from February 1, 1961, \$583.33 a month (2-18-61).
- GOURI SHANKAR, VEMBU, Assistant Professor of Electrical Engineering (C), March 1-August 31, 1961, to render service during the second semester of the academic year, \$6,800 a year, supersedes (2-4-61).
- GRAY, MRS. MARY T., Research Assistant in the Digital Computer Laboratory, February 1-June 15, 1961, \$577.77 a month, supersedes (2-16-61).
- GRIEST, GUINEVERE L., Instructor in English (Chicago Undergraduate Division), March 1-August 31, 1961, to render service during the second semester of the academic year, \$3,200 (2-4-61).
- HAMBY, WILLIAM M., Clinical Assistant in Medicine (Medicine), seven months from February 1, 1961, without salary (2-3-61).
- HARPER, JAMES A., Project Assistant in the State Natural History Survey, February 15-August 31, 1961, \$5,040 a year (2-13-61).
- HARRIS, MRS. ELEANOR K., Instructor in English (Chicago Undergraduate Division), $\frac{3}{4}$ time, March 1-August 31, 1961, to render service during the second semester of the academic year, \$2,100, supersedes (2-4-61).
- IGARASHI, RICHARD T., Research Assistant in Microbiology, January 30-June 15, 1961, \$500 a month, supersedes (2-13-61).
- ILLEL, JAIME, Assistant in Anesthesiology, Department of Surgery (Medicine), five months from February 1, 1961, without salary (2-18-61).
- IM, YONG AE, Research Associate in Chemistry, one year from February 1, 1961, \$6,000 (2-18-61).
- KNUDSON, EDWARD C., Assistant Professor of Economics (Chicago Undergraduate Division), $\frac{1}{2}$ time, February 1-June 15, 1961, \$1,650 (2-21-61).
- KOHN, ALAN R., Clinical Counselor in the Student Counseling Service (Provost's Office), $\frac{3}{4}$ time, February 1-June 15, 1961, \$466.66 a month (2-4-61).
- KOKORUBZ, YAROSLAV T., Assistant in Anesthesiology, Department of Surgery (Medicine), five months from February 1, 1961, without salary (2-18-61).
- LEFKE, LOUIS W., Research Assistant in Civil Engineering (C and S), February 1-June 15, 1961, \$444.44 a month, supersedes (2-18-61).
- LERNER, RICHARD H., Instructor in English (Chicago Undergraduate Division), $\frac{1}{2}$ time, February 1-June 30, 1961, to render service during the second semester of the academic year, \$1,175 (2-4-61).
- LEVY, LAWRENCE S., Instructor in Mathematics, February 1-June 15, 1961, \$666.67 a month, supersedes (2-13-61).
- LICHTENBERGER, W. WAYNE, Research Assistant Professor of Electrical Engineering, $\frac{1}{4}$ time, and Research Assistant Professor in the Coordinated Science Laboratory, $\frac{3}{4}$ time (C), March 1-August 31, 1961, to render service during the second semester of the academic year, \$7,700 a year, supersedes (2-4-61).
- LIM, YUNG KUO, Research Associate in Physics (C), February 1-December 31, 1961, \$7,000 a year, supersedes (2-1-61).
- LYTTON, DALE F., Research Assistant in Sociology, four months from February 1, 1961, \$422.22 a month, supersedes (2-18-61).
- MEUWESE, WILHELMUS A. T., Research Assistant in Psychology, March 1-June 15, 1961, \$422.22 a month, supersedes (2-21-61).
- MONTEVERDE, DIEGO, Assistant in Neurology and Neurological Surgery (Medicine), one year from January 1, 1961, without salary (2-18-61).
- MYERS, ALBERT E., Instructor in Psychology, $\frac{3}{4}$ time, February 1-June 15, 1961, \$1,687.50, supersedes (2-18-61).
- NEVEL, DONALD E., Instructor in Theoretical and Applied Mechanics (C), $\frac{1}{2}$ time, to render service during the second semester of the academic year, March 1-August 31, 1961, \$1,350 (2-18-61).
- OPPENLANDER, RENATE M. E., Assistant in Veterinary Pathology and Hygiene (College of Veterinary Medicine), seven months from February 1, 1961, \$4,650 a year (2-18-61).
- PANOS, CHARLES, Assistant Professor of Biological Chemistry (Medicine), nine months from December 1, 1960, \$8,200 a year, supersedes (2-18-61).
- ROSE, KENNETH, Research Associate in Electrical Engineering (S), seven months from February 1, 1961, \$7,800 a year, supersedes (2-4-61).
- SADJADPOUR, KAMAL, Assistant in Neurology and Neurological Surgery (Medicine), one year from January 1, 1961, without salary (2-18-61).

- SCHNEEMANN, CAROLEE, Instructor in Architecture and Art (Chicago Undergraduate Division), $\frac{1}{2}$ time, six months from March 1, 1961, to render service during the second semester of the academic year, \$1,625 (2-21-61).
- SKAPARS, IRENE, Research Assistant in Microbiology (Medicine), February 6-August 31, 1961, \$4,650 a year (2-18-61).
- SMALL, DANA, Assistant Professor of Education (University High School), June 20-August 11, 1961, \$2,000 (2-18-61).
- STEIN, HERBERT J., Instructor in Electrical Engineering (C), $\frac{3}{4}$ time, March 1-August 31, 1961, to render service during the second semester of the academic year, \$312.50 a month, supersedes (2-4-61).
- SUN, JOSEPHINE, Catalog Assistant in the Library, six months from March 1, 1961, \$5,200 a year (2-24-61).
- SUNDARESAN, P. R., Research Associate in the Radiocarbon Laboratory, seven months from February 1, 1961, \$6,000 a year (2-7-61).
- TAN, CHOR-WENG, Assistant in General Engineering, $\frac{1}{2}$ time, and Research Assistant in Mechanical Engineering, $\frac{1}{2}$ time, (C), February 1-June 15, 1961, \$444.44 a month, supersedes (2-4-61).
- TANNER, MARIAN L., Assistant in Home Economics (C and S), February 1-June 15, 1961, \$422.22 a month, supersedes (2-4-61).
- WHITE, MRS. LOUISE D., Instructor in Foreign Languages (Chicago Undergraduate Division), $\frac{1}{2}$ time, February 1-June 30, 1961, to render service during the second semester of the academic year, \$1,250 (2-4-61).
- WILSON, HOWARD B., JR., Research Associate in Theoretical and Applied Mechanics (C), $\frac{1}{2}$ time, March 1-August 31, 1961, to render service during the second semester of the academic year, \$2,700 a year, supersedes (2-18-61).
- YAMAUCHI, KUNIO, Research Associate in Food Technology (S), one year from September 1, 1961, \$5,500 (2-18-61).

GRADUATE FELLOWS

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

- BECK, WALTER E., Mathematics Institute Fellow in Mathematics, February 1-June 15, 1961, \$2,375, supersedes (2-24-61); and two months from June 16, 1961, \$1,080 (2-27-61).
- BELLOWS, SYLVIA D., United States Health, Education, and Welfare Fellow (Trainee) in Vocational Rehabilitation in Education, February 1-June 15, 1961, \$1,000 (2-14-61).
- CLARKE, GREGORY B., United States Public Health Service Fellow (Trainee) in Food Technology, seven months from February 1, 1961, \$2,200 (1-27-61).
- CONRAD, H. EDWARD, Postdoctoral Fellow in Chemistry, July 1, 1960-August 31, 1961, \$8,000 a year (2-21-61).
- CRIDER, QUINCY, National Institutes of Health Fellow (Trainee) in Nutrition (Animal Science), seven months from February 1, 1961, \$1,400 (2-1-61).
- HAMMES, HENRY R., Mathematics Institute Fellow in Mathematics, February 1-June 15, 1961, \$2,400, supersedes (2-14-61).
- HEDEGAARD, JENS, Postdoctoral Fellow (Trainee) in Chemistry, eight months from January 1, 1961, \$6,600 a year (2-13-61).
- INOUE, HIRO, Lauterbach Memorial Fellow in Food Technology, seven months from February 1, 1961, \$1,166.67 (11-10-60).
- KINSTLE, THOMAS H., Gillette-Toni Fellow in Chemistry, February 1-June 15, 1961, \$1,250 (2-14-61).
- LEHMANN, JOHN R., Television Shares Management Corporation Teaching Fellow in Electrical Engineering, February 1-June 15, 1961, \$1,000 (2-8-61).
- MARQUINEZ, ANA C., United States Public Health Service Fellow (Trainee) in Psychiatry at the Chicago Professional Colleges, eight months from January 1, 1961, \$2,400 (2-10-61).
- MEREDITH, MARY J., United States Health, Education, and Welfare Fellow (Trainee) in Vocational Rehabilitation in Education, February 1-June 15, 1961, \$1,000 (2-14-61).
- OSTHOFF, F. IRENE, United States Health, Education, and Welfare Fellow (Trainee) in Vocational Rehabilitation in Education, February 1-June 15, 1961, \$1,000 (2-14-61).

- RAFF, LIONEL M., Minnesota Mining and Manufacturing Company Fellow in Chemistry, two months from February 1, 1961, \$444.44 (2-2-61).
- REYNOLDS, HARRY A., JR., United States Public Health Service Fellow (Trainee) in Veterinary Medicine, one year from February 1, 1961, \$5,000 (1-19-61).
- SIMS, LESLIE B., Sun Oil Company Fellow in Chemistry, February 1-June 15, 1961, \$1,150, supersedes (2-10-61).
- SWANSON, CONSTANCE M., Mathematics Institute Fellow in Mathematics, two months from June 16, 1961, \$600 (2-27-61).
- TEEL, CALVIN R., United States Health, Education, and Welfare Fellow (Trainee) in Vocational Rehabilitation in Education, February 1-June 15, 1961, \$900 (2-14-61).
- VALENTINE, RAYMOND C., United States Public Health Service Fellow (Trainee) in Microbiology, February 1-June 15, 1961, \$1,500 (2-13-61).
- WEBB, RYLAND E., National Institutes of Health Fellow (Trainee) in Nutrition (Animal Science), seven months from February 1, 1961, \$1,400 (2-1-61).

RESIGNATIONS, CANCELLATIONS, AND DECLINATIONS

- BAKONY, HEDWIG C., Clinical Instructor in Psychiatry (Medicine)—declination effective January 1, 1961.
- BECKER, ROBERT A., Professor of Physics—resignation effective September 1, 1961.
- BERG, DARLA, Therese Garner Fellow in Political Science—resignation effective February 1, 1961.
- CONRAD, H. EDWARD, Research Associate in Chemistry—resignation effective July 1, 1960.
- FERRARA, WILLIAM L., Fellow in Accountancy—declination effective June 16, 1961.
- GEE, WILSON, Visiting Professor in Rural Sociology, Department of Agricultural Economics—cancellation effective February 1, 1961.
- GLASER, MILTON R., Staff Physician in the Health Center and McKinley Hospital—resignation effective September 1, 1961.
- HEDEGAARD, JENS, Research Associate in Chemistry—resignation effective January 1, 1961.
- HEDVIG, THOMAS I., Instructor in Electrical Engineering—resignation effective March 1, 1961.
- KOHLIS, CARL W., Assistant Professor of Mathematics—resignation effective September 1, 1961.
- LAL, MANOHAR, Fellow in Electrical Engineering—resignation effective February 1, 1961.
- LAMB, JAMIE P., JR., Fellow in Mechanical Engineering—resignation effective February 1, 1961.
- LEVY, LAWRENCE S., Teaching Fellow in Mathematics—resignation effective February 1, 1961.
- MARTIN, CLIFFORD K., Assistant in Soil Fertility, Department of Agronomy—resignation effective February 1, 1961.
- NICHOLSON, EDWARD D., United States Public Health Service Fellow (Trainee), Level II (Measurement), in Psychology—resignation effective February 1, 1961.
- O'BRIEN, MARILYN, Samuel Higby Camp Foundation Fellow in the Chicago Professional Colleges—resignation effective April 1, 1961.
- PERCHONOK, KENNETH S., United States Public Health Service Fellow (Trainee) in Psychology—resignation effective February 1, 1961.
- ROSENFELD, SYLVIA A. S., Fellow in Speech—resignation effective February 1, 1961.
- SCHMALZ, GRETCHEN M., Assistant in Occupational Therapy (Medicine)—resignation effective March 8, 1961.
- UCHIYAMA, MITSURU, Research Associate in Food Technology—resignation effective April 1, 1961.
- VALENTINE, RAYMOND C., United States Public Health Service Fellow (Trainee) in Microbiology—resignation effective February 1, 1961.
- WHITENER, ROBERT W., Psychiatrist and Associate Professor of Hygiene in the Health Service—resignation effective July 1, 1961.

WORTHLEY, WILLIAM J., United States Public Health Service Fellow (Trainee) in Speech (Office of Vocational Rehabilitation) — resignation effective February 1, 1961.

ZAHNER, JOHN C., Fellow in Chemical Engineering — resignation effective March 1, 1961.

LEAVES OF ABSENCE

CORLISS, JOHN O., Associate Professor of Zoology — additional leave of absence, without pay, for one year from September 1, 1961.

MILLIGAN, BURTON A., Professor of English — leave of absence on account of ill health, with full pay, beginning September 1, 1960, and continuing to January 12, 1961.

SHAFFER, PAUL R., Professor of Geology and Acting Head of the Department — leave of absence, without pay, for one year from September 1, 1961, so that he may serve on the staff of the National Science Foundation as Program Director in the Division of Scientific Personnel and Education.

SNIDER, CLYDE F., Professor of Political Science and Chairman of the Department — leave of absence on account of ill health, with full pay, beginning February 20 and continuing through August 31, 1961.

STOECKER, WILBERT F., Associate Professor of Mechanical Engineering (C) — extension of leave of absence, without pay, for one year from September 1, 1961, so that he may continue his graduate studies for the degree of Doctor of Philosophy.

WUERKER, RUDOLPH G., Professor of Mining Engineering, in the Department of Mining and Metallurgical Engineering (C) — leave of absence on account of illness, with full pay, from February 1 to April 17, 1961; and leave of absence, without pay, from April 17 and continuing until further notice.

CANCELLATION OF SABBATICAL LEAVE OF ABSENCE

MILLIGAN, BURTON A., Professor of English — sabbatical leave of absence, with full pay, granted him for the first semester of 1960-61, cancelled without prejudice.

MR. WIRT HERRICK

At this point, Mr. Wirt Herrick, whose term as Trustee has expired and who was a guest at today's meeting, requested the privilege of the floor.

He stated that because of ill health he was unable to attend the Board meeting on February 15, 1961, his last as a Trustee, and he desired to take this occasion to express his appreciation of the privilege of having served as a Trustee of the University of Illinois during the past twelve years, and to thank the Board for the resolution it adopted at the February meeting.

RECESS

On motion of Mr. Johnston, an executive session was ordered, to be held after a recess, for consideration of reports and recommendations relating to property acquisitions, patentable inventions, and personnel matters.

On motion of Mr. Harewood, the Board recessed for luncheon and for an inspection of the new Fine and Applied Arts Building and the Krannert Art Museum.

EXECUTIVE SESSION

The Board reconvened in executive session at 2:15 p.m. The same members of the Board, officers of the Board, and officers of the University were present as recorded at the beginning of these minutes.

The Board resumed consideration of reports and recommendations from the President of the University.

RECOMMENDATION OF THE UNIVERSITY PATENT COMMITTEE

(1) The University Patent Committee submits, with the concurrence of the Chairman of the University Research Board and the President of the University, a recommendation relating to an invention described as: polymers with fused ring recurring units—Carl S. Marvel, Research Professor of Organic Chemistry, and Robert Z. Greenley, Research Assistant in Chemistry, inventors. It has been discovered that cyclic dienes may be polymerized by a reaction involving trans-annular polymerization to yield polymers which contain fused ring recurring units.

This is a new kind of high molecular weight material which has never been polymerized before and has applicability for use in development of plastics, rubber, and synthetic fibers.

The Committee recommends that the invention be released to the University of Illinois Foundation for development with the stipulation that the rights of the United States Air Force, sponsoring agency of the research which led to this invention, be recognized.

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

**MEMORANDUM OF UNDERSTANDING OR INTENT CONCERNING
A SITE FOR THE CHICAGO BRANCH OF
THE UNIVERSITY OF ILLINOIS**

(2) At the request of President David D. Henry, Director C. S. Havens reported on the present status of negotiations with the city of Chicago and the Chicago Land Clearance Commission for the acquisition of the Harrison-Halsted Street area for the Chicago Undergraduate Division. He presented preliminary drafts of a proposed letter to the Executive Director of the Chicago Land Clearance Commission, and Memorandum of Understanding or Intent Concerning a Site for the Chicago Branch of the University of Illinois which is being developed as an interim document preliminary to the drafting of a contract. He stated that it is necessary to advise the city of Chicago of the University's (i.e., the Board of Trustees of the University of Illinois) views on the terms under negotiation so that the city on its part may proceed with certain necessary steps including the passage of an ordinance which is scheduled for consideration by the City Council on March 22, 1961.

Legal Counsel Lesemann supplemented the report by Mr. Havens by discussing the legal aspects of the interim document and the contract to be developed in the light of continuing negotiations.

On motion of Mr. Johnston, the Board approved the preliminary drafts of the documents as presented, and authorized the appropriate University officials to prepare final drafts and to submit them to the Mayor of Chicago and to the Chicago Land Clearance Commission.

**TEMPORARY FOOD SERVICE FACILITIES
FOR ORCHARD DOWNS HOUSING**

A meeting of the Committee on Buildings and Grounds had been scheduled for today for consultation on temporary food service facilities for the Orchard Downs housing. Since time did not permit a Committee meeting, the President requested the Board to receive a report on this matter from Mr. Vernon L. Kretschmer, Director of Auxiliary Services.

Mr. Kretschmer presented a proposal for the construction of a temporary food service facility in the area of the Orchard Downs Apartments to provide food service for unmarried students who will be housed in these apartments until additional residence halls can be constructed to accommodate them. Funds will be advanced from Housing Division surplus and reserve accounts to finance this facility and will be repaid from the net revenue of food service operations.

When the food service building is no longer needed for this purpose, it can be converted into a Housing Division maintenance shop and equipment warehouse. A written report of Mr. Kretschmer's presentation was filed with the Secretary of the Board for record.

On motion of Mr. Swain, the Housing Division was authorized to proceed with the development of plans as outlined.

On motion of Mr. Johnston, the Board adjourned.

A. J. JANATA
Secretary

KENNEY E. WILLIAMSON
President