

**MEETING OF THE BOARD OF TRUSTEES**  
**OF THE**  
**UNIVERSITY OF ILLINOIS**

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**September 29, 1949**



The September meeting of the Board of Trustees of the University of Illinois was held on Thursday, September 29, 1949, at the Chicago Undergraduate Division, according to the following schedule:

10 a.m. — Executive session as in Committee of the Whole.

2 p.m. — Open session.

When the Board convened, the following members were present: President Williamson, Mr. Fornof, Mr. Herrick, Mr. McLaughlin, Mr. Nickell, Mrs. Watkins; Mr. Livingston and Dr. Meyer took their places with the Board during the forenoon.

President Stoddard was present; also Vice-President A. C. Ivy, Provost C. R. Griffith, Assistants to the President A. J. Janata and Wilbur Schramm, Secretary H. E. Cunningham, Comptroller Lloyd Morey, Assistant Comptroller H. O. Farber, Legal Counsel W. E. Britton, and, during part of the day, Dean C. C. Caveny and Director J. F. Wright.

**MINUTES APPROVED**

The Secretary presented the minutes of the meetings of May 21 and June 25, 1949.

On motion of Mr. Nickell, the minutes were approved as printed on pages 357 to 488 above.

**ACTIONS OF THE EXECUTIVE COMMITTEE**

The Secretary reports for record that the Executive Committee has taken action on the following matters, on recommendation of the President's Office, since the July meeting of the Board.

**Contract with Medical Center Commission**

August 8—"Resolution" and "Contract between the Board of Trustees of the University of Illinois and the Medical Center Commission" (see Appendix, page 865).

**Clinical Faculty of the College of Medicine, 1949-1950**

August 9—Approved the appointment of the clinical faculty of the College of Medicine (see Appendix, page 866).

**Sidewalk Surfacing in Housing Areas**

August 10—Award of contract for surfacing asphalt sidewalks and maintenance work on drainage ditches in temporary housing areas to Champaign Asphalt Company, the lowest bidder, \$24,600.

**Parking Lot at New Mechanical Engineering Building**

August 10—Award of contract for construction of parking lot at new Mechanical Engineering Building to Champaign Asphalt Company, the lowest bidder, \$7,360.

**Gravel Drive South of Physics Research Laboratory**

August 10—Award of contract for construction of a gravel drive south of the Physics Research Laboratory (Betatron) to Frank A. Somers Company, the lowest bidder, \$2,415.

**Improvements in Natural History Building**

August 26—Award of contracts for improvements in Natural History Building to provide space for the Department of Physiology to the lowest bidders, as follows: general work, E. N. DeAtley; electrical work, Potter Electric Company; plumbing and heating, Reliable Plumbing and Heating Company. The total cost estimated at not to exceed \$11,000.

**Selection of J. H. Wheat on Leverenz Claim**

August 29—Approval of appointment of Mr. James H. Wheat as the University's representative in arbitration requested by Leverenz Electric Company of its claim for additional compensation (\$8,785.33) for wire and wages paid electricians in wiring floor trenches in the ground floor of the Electrical Engineering Building.

**APPOINTMENTS TO THE FACULTY MADE BY THE  
PRESIDENT OF THE UNIVERSITY**

The Secretary reported that the President has approved the following new appointments to the faculty of the rank of Assistant Professor and above since the previous meeting of the Board of Trustees:

1. JOHN R. BARRY, Assistant Professor of Psychology, beginning October 1, 1949, at an annual salary of \$5,500.
2. ALFRED F. BORG, Assistant Professor of Bacteriology, beginning September 1, 1949, at an annual salary of \$4,700.
3. ANN BROMLEY, Dean of Women in the Undergraduate Division in Chicago, beginning September 1, 1949, at an annual salary of \$4,500.
4. GEORGE R. BRYAN, JR., Assistant Professor of Naval Science, beginning August 20, 1949, without salary.
5. PATRICIA J. COLLINS, Assistant Professor of Physical Education for Women, beginning September 1, 1949, at an annual salary of \$4,000.

6. DWIGHT L. DEARDORFF, Associate Professor of Pharmacy, beginning September 1, 1949, at an annual salary of \$6,500.
7. THELMA EATON, Associate Professor of Library Science, beginning September 1, 1949, at an annual salary of \$5,000.
8. RICHARD M. FORBES, Associate Professor of Animal Nutrition, beginning September 15, 1949, at an annual salary of \$6,000.
9. MARGARETTA FRISBEE, Assistant Professor of Social Welfare Administration and Extension Division, beginning September 1, 1949, at an annual salary of \$5,000.
10. LAWRENCE E. GOODMAN, Research Assistant Professor of Civil Engineering, beginning September 1, 1949, at an annual salary of \$4,800.
11. PAUL M. GREEN, Professor of Management, beginning September 1, 1949, at an annual salary of \$8,000.
12. GABRIEL GUEVREKIAN, Professor of Architecture, beginning September 1, 1949, at an annual salary of \$6,000.
13. VAUGHN D. HILDEBRANDT, Assistant Professor of Metallurgical Engineering, beginning September 1, 1949, at an annual salary of \$4,200.
14. GLORIA L. J. HILKER, Assistant Professor of Hygiene, beginning September 1, 1949, at an annual salary of \$3,500.
15. ROBERT B. HUDSON, Associate Professor of Journalism, beginning October 15, 1949, at an annual salary of \$8,400.
16. HARRIET KOTT, Assistant Professor of Hygiene, beginning October 1, 1949, at an annual salary of \$6,000.
17. MAURICE B. LINFORD, Professor of Plant Pathology, beginning September 1, 1949, at an annual salary of \$8,000.
18. JACOB E. MOSIER, Assistant Professor of Veterinary Clinical Medicine, beginning September 1, 1949, at an annual salary of \$5,750.
19. EDITH L. NAGEL, Assistant Professor of Social Welfare Administration, beginning September 1, 1949, at an annual salary of \$4,800.
20. EARL V. OGLESBY, Assistant Professor of Naval Science, beginning August 20, 1949, without salary.
21. WESLEY OSTERBERG, Assistant Professor of Psychology, beginning September 1, 1949, at an annual salary of \$4,600.
22. CHARLES A. REED, Assistant Professor of Zoology, beginning September 1, 1949, at an annual salary of \$4,550.
23. CLAIRE L. RICHARDS, Assistant Professor of Music, beginning September 1, 1949, at an annual salary of \$2,667.
24. A. S. ROUFFA, Assistant Professor of Biological Sciences, beginning September 1, 1949, at an annual salary of \$4,500.
25. MARVIN C. STIPPES, Assistant Professor of Theoretical and Applied Mechanics, beginning September 1, 1949, at an annual salary of \$4,800.
26. CLARENCE W. STONE, Assistant Professor of Library Science, beginning September 1, 1949, at an annual salary of \$4,500.
27. R. F. TOPP, Assistant Professor of Education, beginning September 1, 1949, at an annual salary of \$5,100.
28. PAUL TORDA, Associate Professor of Aeronautical Engineering, beginning September 1, 1949, at an annual salary of \$5,500.
29. GEORGE J. WISCHNER, Assistant Professor of Speech and Psychology, beginning September 1, 1949, at an annual salary of \$4,800.
30. E. M. WOODMAN, Assistant Professor of Education, beginning September 1, 1949, at an annual salary of \$4,500.
31. RUDOLPH G. WUERKER, Assistant Professor of Mining Engineering, beginning September 1, 1949, at an annual salary of \$4,800.

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

#### MATTERS PRESENTED BY PRESIDENT STODDARD

The Board considered the following matters presented by the President of the University.

## EXECUTIVE SESSION

**DETERMINATION OF WAGE RATES TO BE SPECIFIED IN  
CONSTRUCTION CONTRACTS AT ROBERT ALLERTON PARK**

(1) The Board of Trustees on July 28, 1949, appointed Professors E. W. Cleary, C. A. Moyer, and John B. Parrish as a committee to hear objections filed by representatives of organized labor to the University's determination of wage rates on construction work at Robert Allerton Park. The hearing began on September 14. Mr. Lester Asher, Associate of Mr. Daniel D. Carmell of Chicago, represented the objectors. Professor William E. Britton, Legal Counsel, represented the University.

The Legal Counsel reports that after disposition of preliminary matters Mr. Asher proposed a conference with University representatives. The latter agreed and the conferees then withdrew from the hearing room. The Legal Counsel further reports as follows:

"At this conference Mr. Asher proposed, as a possible means of disposing of the present litigation by agreement, that the objectors would be willing to withdraw their objections to the University's determination of wage rates for the present construction work at Allerton Park and that in all respects the issues raised thereby be regarded as closed if the University and the objectors found it possible to agree upon some procedure for the determination of wage rates applicable to future construction work at Allerton Park.

"University representatives agreed to canvass possibilities. Mr. Asher then proposed that for future construction work at Allerton Park the University designate the State Department of Labor as its agency to conduct the investigation required by the Prevailing Wage Act with power to make findings of fact and determinations of wage rates.

"University representatives then withdrew from the conference with Mr. Asher and conferred on his proposal. We agreed among ourselves: (1) that the suggested conclusion of the matter was of such a nature that it could not be summarily rejected; (2) that we would agree with Mr. Asher to concur in the proposed termination of the proceeding upon condition that it be modified as follows: that instead of using the State Department of Labor alone, there be appointed a committee composed of (a) the Director of the State Department of Labor, or a person designated by him, (b) a member appointed by the President of the University of Illinois, and (c) a member appointed by the State Federation of Labor, to conduct investigations of wage rates in Piatt County in connection with future construction work on the Allerton trust properties of the University in accordance with the Prevailing Wage Act and to report to the President of the University and to the Board of Trustees that they were not able to ascertain any prevailing wages, or if ascertainable, to report with respect to prevailing rates of wages involved in such construction work in that locality; and (3) it was further agreed that Mr. Asher, as the attorney acting for the objectors, would write a letter to the University stating that the claim of the objectors that labor unions in Champaign County had the right to determine wage rates in Piatt County for purposes of the Prevailing Wage Act was not in accordance with the Statute.

"University representatives then called Mr. Asher and presented their counter proposal. Mr. Asher then conferred with his clients alone and on his return to the conference with University representatives accepted the counter proposal. The University and the objectors then joined in a motion for continuance of the Hearing. The Hearing Committee allowed the motion and fixed October 17 as the adjourned date for reopening the Hearing."

The Legal Counsel, the Director of Nonacademic Personnel, and the Director of Robert Allerton Park recommend adoption of the following procedure as an instrument of settlement of future questions on rates of wages in Piatt County on the understanding that the pending hearing is dismissed by the objectors.

It is recommended that there be appointed a fact-finding committee composed of (a) a member appointed by the Illinois State Federation of Labor, (b) a member appointed by the President of the University of Illinois, and



(c) a citizen of Piatt County to be selected by the other two, to conduct investigations of wage rates in Piatt County in connection with construction work on the Allerton trust properties of the University in accordance with the Prevailing Wage Act and to report to the President of the University and to the Board of Trustees that they were not able to ascertain any prevailing wages, or, if ascertainable, to report with respect to prevailing rates of wages involved in such construction work in that locality.

I concur in this recommendation.

On motion of Mr. Fornof, these recommendations were adopted.

#### **REQUEST OF BOARD OF TRUSTEES OF SOUTHERN ILLINOIS UNIVERSITY**

(2) A request on behalf of the Board of Trustees of Southern Illinois University for a joint meeting with the Board of Trustees of the University of Illinois for the purpose of discussing the common aims and problems of the two institutions has been presented by the President of Southern Illinois University. It is also suggested that there be a preliminary meeting of the officials of the two institutions to prepare an agenda and determine what matters should receive consideration by the two Boards.

This matter was referred to the President of the University for further study.

#### **CHANGES IN ADMINISTRATION OF RADIO STATIONS**

(3) Sometime ago Mr. Josef F. Wright, Director of Public Information, Director of Radio Stations WILL and WIUC-FM, and Associate Professor of Journalism, asked to be relieved of his duties as Director of the Radio Stations so that he might devote all of his time to his responsibilities as Director of Public Information which, in a university of this size, should be a full-time position. However, he was willing to continue until a suitable man could be found not only to replace him as Director of the Radio Stations but also to coordinate all radio activities of the University.

I have recently approved the appointment of Robert B. Hudson, presently Director of Education of the Columbia Broadcasting System (CBS), to the position of Associate Professor in the School of Journalism and Director of University Broadcasting in the Institute of Communications, effective October 15, 1949.

I recommend that Mr. Wright be relieved of his duties as Director of the Radio Stations, effective October 15, and that he be appointed full-time Director of Public Information and Associate Professor in the School of Journalism, without any change in salary. I recommend further that Frank E. Schooley, presently Assistant Director of the Radio Stations, Assistant Director of Public Information, and Assistant Professor of Journalism be appointed Manager of Radio Stations WILL and WIUC-FM and Assistant Professor of Journalism without any change in salary. The Station Manager will be under the direction of the Director of University Broadcasting.

On motion of Mr. Herrick, these recommendations were adopted, and the President of the University was requested to express the Board's appreciation of Director Wright's thirty years of faithful and constructive service (see Appendix, page 881).

#### **UNIVERSITY PRESS AUTHORS' CONTRACTS**

(4) The Director of the University Press recommends that the Press be authorized to enter into contracts with authors of books it intends to publish and that the corporate officers of the Board of Trustees be authorized to execute such contracts on approval in each case by the President of the University.

The basic form of the proposed contract has been approved by the Legal Counsel and Comptroller, and incorporates suggestions arising out of the experiences of many other presses. Briefly summarized, the provisions of the contract are as follows:

1. The author guarantees that his manuscript is original, free of copyright by someone else, and not libelous. He promises to deliver the manuscript by a certain time and in proper condition for publication. There are detailed provisions for the handling of revisions and proofs, and for the assessment of costs for illustrations, cuts, retyping, and other expenses of preparation.

2. The publisher (i.e., the University) has the right to reject the manuscript or to require or to make revisions in the manuscript. The accepted and revised manuscript must be published within a certain time, or the contract terminates. The degree of responsibility of the publisher for care of the manuscript, when it is in his possession, is defined; and so also is the responsibility for taking out and renewing copyright, and for the procedure to be followed in case a new edition is required or the book is allowed to go out of print.

3. The author will be paid no royalties on the first 1,000 copies sold. After 1,000 copies have been sold, a royalty of 15 per cent of net will be paid, until 10,000 are sold, after which the royalty will be 25 per cent of net.

4. There are detailed provisions for the handling of secondary rights to the manuscript. If the Press grants right of reprint to another U. S. publisher or a book club, to an anthology or a digest, the proceeds are to be divided equally between author and publisher. If the Press sells foreign, translation, serial, dramatic, motion picture, radio, or television rights, the author is to receive two-thirds of the proceeds, the Press one-third.

In any given contract, of course, there may be slight deviation from the basic provisions. For example, no royalty will be paid staff members of the Press who publish books with the Press. In the case of some very expensive books, it may be desirable to begin royalty payments after 2,000 or 3,000 copies, rather than 1,000. In the case of one international book the Press hopes to publish, it may be necessary to assign foreign rights. Any such deviation will be submitted to the President of the University for approval.

I concur.

On motion of Mrs. Watkins, authority was granted as recommended.

#### **REPORT OF THE COMMITTEE ON AGRICULTURE ON SALE OF COOK COUNTY AGRICULTURAL EXPERIMENT STATION**

(5) At its meeting on July 28 the Board of Trustees referred to its Committee on Agriculture a recommendation that the Cook County Agricultural Experiment Station south of Des Plaines, Illinois, be sold. The committee was authorized to investigate this proposal, to employ a competent appraiser to determine the market value of the property, to employ a real estate broker to negotiate with prospective purchasers, and to report to the Board.

The committee engaged Messrs. Allan Kirkwood, Suite 1125, 134 S. LaSalle Street, Chicago; H. M. Cornell, 464 Northwest Highway, Des Plaines; and Richard J. Leyden, Suite 863, 38 South Dearborn, Chicago as appraisers. Their certificate of appraisal is submitted herewith and the original signed copy is hereby given to the Secretary of the Board for record. Accompanying the certificate of appraisal is a statement of the qualifications of each of these gentlemen as real estate experts.

Your Committee recommends that the land be sold and reports that it has employed Richard J. Leyden, one of the appraisers, as broker to negotiate with prospective purchasers and report through the Committee to the Board.

The Committee has authorized the Business Office to pay each of these appraisers \$75 (total \$225) for their services. This is the minimum standard fee specified by the Cook County Real Estate Board for such work.

Respectfully submitted.

COMMITTEE ON AGRICULTURE  
KARL A. MEYER  
WIRT HERRICK  
WALTER W. McLAUGHLIN, *Chairman*

On motion of Mr. Nickell, this report was adopted and the employment of Mr. Leyden was confirmed.

**APPROPRIATIONS FOR PURCHASE OF FORESTRY AREA**

(6) The University has an opportunity to acquire a tract of 63.5 acres of timber land which is the only virgin forest left in the prairie states. It is a natural area representing an original and essentially undisturbed example of a prairie border forest. This land, known as the Isaac Funk Timber Tract, is north of McLean in McLean County. It would be a living museum of natural history and a resource for biological scientists. If the area is not acquired by the University or some other agency soon, the trees will be sold for timber.

It will take \$25,000 to acquire this land. Several members of the Funk Family have agreed to contribute up to \$15,000. The University of Illinois Foundation is considering an assignment of \$5,000 from Foundation funds. If \$20,000 can be secured from these donors, I would recommend that the University put in \$5,000. The University would have complete title to this property.

I recommend that the Board of Trustees authorize the acquisition of this land and the assignment of \$5,000 as the University's share of the purchase price, contingent upon donations of \$20,000 from other sources.

Mr. Livingston took his place with the Board during the presentation of this matter.

On motion of Mr. Herrick, this acquisition of land was authorized; the appropriation was made by the following vote: Aye, Mr. Fornof, Mr. Herrick, Mr. Livingston, Mr. McLaughlin, Mr. Nickell, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Hickman, Mrs. Holt, Dr. Meyer, Mr. Stevenson.

**CONTRACT WITH VETERANS ADMINISTRATION FOR STEAM SERVICE**

(7) The contract with the Medical Center Steam Company to supply the University with steam from a central plant at the Chicago Professional Campus authorizes the University to furnish steam not required for its own use to any governmental agency, charitable institution, or other institution located in the Medical Center District under such conditions as may be agreed to by the University and such agency or institution.

The Veterans Administration, which plans to build a large hospital at Polk and Damon Streets, desires to contract for steam from this plant at a price which will reimburse the University for the cost of producing the steam and for the additional capital outlay required to increase capacity and distribution facilities, amortized over a period of thirty years. Increases or decreases in the costs of labor, fuel, applicable taxes, or compliance with governmental regulations shall be reflected by changes in the basic rate.

The contract would be to June 30 following establishment of service and would continue, subject to (a) availability of federal appropriations, (b) cancellation at the end of any year on sixty days notice by either party, and cancellation if the Veterans Administration closes the activity for which steam is being purchased. Provision would be made for mutual adjustment of the balance due the University for the unamortized portion of the capital investment in the event of termination of the contract.

I recommend adoption of the following resolution authorizing a contract with the Veterans Administration which will include the provisions specified by University officers as indicated above:

**RESOLUTION**

*Whereas*, The Board of Trustees of the University of Illinois, at its regular meeting held on May 21, 1949, approved a program whereby the Medical Center Steam Company will provide central steam service to the University and to other institutions in the Medical Center District, Chicago, Illinois, and

*Whereas*, such program anticipated the making of such contracts between the University and other users as may be feasible and desirable, and

*Whereas*, it is deemed to be feasible and desirable that the University execute a contract with the United States of America represented by the Chief, Procurement Division, Supply Service, Veterans Administration, for the furnish-

ing of steam to the Veterans Administration Hospital in the Medical Center District, all in accordance with the program heretofore approved as aforesaid,

*Now, therefore, be it resolved,* that the Board of Trustees of the University of Illinois hereby approve the proposed contract with the United States of America represented by the Chief, Procurement Division, Supply Service, Veterans Administration, providing for the furnishing of steam to the Veterans Administration Hospital in the Medical Center District, Chicago, Illinois, and the Comptroller and the Secretary of this Board be and they hereby are authorized, empowered, and directed, in the name and on behalf of this Board, to execute and deliver such contract.

Dr. Meyer took his place with the Board during the presentation of this matter.

The Comptroller discussed the provisions of this contract (see Appendix, page 882).

On motion of Mr. Herrick, this resolution was adopted as recommended, by the following vote: Aye, Mr. Fornof, Mr. Herrick, Mr. Livingston, Mr. McLaughlin, Dr. Meyer, Mr. Nickell, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Hickman, Mrs. Holt, Mr. Stevenson.

#### **INSTITUTE OF LABOR AND INDUSTRIAL RELATIONS**

Mr. Fornof reported the receipt of letters from representatives of management in Rockford with respect to the policies and program of the Institute of Labor and Industrial Relations.

After discussion, President Williamson requested the Committee on General Policy to attend the next meeting of the Advisory Committee of the Institute, and all members of the Board to attend if possible.

#### **CASE OF VIRGINIA KENNY vs. THE BOARD OF TRUSTEES**

Doctor Meyer inquired about the status of the Virginia Kenny litigation, a mandamus proceeding in which Miss Kenny, Medical Social Worker in the Social Service Department of the Research and Educational Hospitals, seeks to be restored to the position of Head of the Social Service Department.

This matter was referred to the Committee on the Chicago Departments for consideration and advice to the Board.

#### **OPEN SESSION**

When the Board convened in open session after luncheon and inspection of the facilities at the Pier, the same members and officers were present as during the morning session.

#### **MATTERS PRESENTED BY PRESIDENT STODDARD**

The Board considered the following matters presented by the President of the University.

#### **STAFF AND PROGRAMS FOR 1949-1950**

(1) The Provost has prepared a report on important additions to the staff and the educational programs for 1949-1950 (see Appendix, page 885).

The Provost presented this matter.

This statement was received for record.

**BOND ISSUE FOR SMALL HOMES COUNCIL  
HOUSING RESEARCH PROJECT**

(2) The Executive Committee on March 29, 1949, in approving the Small Homes Council Housing Research Project, authorized the Comptroller to secure offers on funds to be borrowed (\$175,000 out of a total of \$500,000) for submittal through the Finance Committee to the Board. Bids on a revenue bond issue were received as of September 12, 1949 (schedule of bids received and circular inviting same are attached). The low bid is by John Nuveen & Company, 135 South LaSalle Street, Chicago, for an average interest rate of 2.724 per cent, the bonds to be sold to them at par plus a premium of \$40. The bonds are dated October 1, 1949, and delivery is to be made on or about that date. Interest rates and maturities are:

\$4,000 — Oct. 1, 1950 2½%	\$9,000 — Oct. 1, 1960 2¾%
6,000 — Oct. 1, 1951 2½%	9,000 — Oct. 1, 1961 2¾%
6,000 — Oct. 1, 1952 2½%	9,000 — Oct. 1, 1962 2¾%
7,000 — Oct. 1, 1953 2½%	10,000 — Oct. 1, 1963 2¾%
7,000 — Oct. 1, 1954 2½%	10,000 — Oct. 1, 1964 2¾%
8,000 — Oct. 1, 1955 2½%	10,000 — Oct. 1, 1965 2¾%
8,000 — Oct. 1, 1956 2½%	10,000 — Oct. 1, 1966 2¾%
8,000 — Oct. 1, 1957 2¾%	10,000 — Oct. 1, 1967 2¾%
8,000 — Oct. 1, 1958 2¾%	10,000 — Oct. 1, 1968 2¾%
8,000 — Oct. 1, 1959 2¾%	18,000 — Oct. 1, 1969 2¾%

The Finance Committee has reviewed the bids and recommends the sale of the bonds to the low bidder, John Nuveen & Company. This firm has requested that the Marine National Exchange Bank of Milwaukee be named the paying agent. The Finance Committee has approved that request.

A resolution for adoption by the Board has been prepared by Chapman and Cutler and is presented herewith for approval (see Appendix, page 886).

The Comptroller commented on this matter.

After discussion, and on motion of Mr. Fornof, this sale of bonds was authorized and the resolution was adopted as recommended by the following vote: Aye, Mr. Fornof, Mr. Herrick, Mr. Livingston, Mr. McLaughlin, Dr. Meyer, Mr. Nickell, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Hickman, Mrs. Holt, Mr. Stevenson.

Representative Williamson designated Mr. Livingston and Mrs. Watkins as representatives of the Board to sign the bonds with him.

**AWARD OF CERTIFICATES OF CERTIFIED PUBLIC ACCOUNTANT**

(3) The Committee on Accountancy recommends that the certificate of Certified Public Accountant be awarded the following who have made applications therefor under Section 5 of the Accountancy Act of 1943 and who have submitted evidence that they are holders of valid and unrevoked certificates of certified public accountants obtained in other states by passing the regular written examinations. They have also met the other requirements specified in Section 5 of the Act.

ABE A. ALK (Wis.)  
MARY NOEL BARRON (Ky.)  
GEORGE HANNAMAN BREWER (Ind.)  
JAMES LLOYD FOX (Mo.)  
PAUL JOSEPH FRITCH (Colo.)  
WILLIAM THOMAS HAZELTON (N.Y.)  
ALVAH ORVIS LABERTAUX (Ind.)  
JACOB KAY LASSER (N.J.)

CARLOS EDGAR MILNER (Ohio)  
GAILE MCCLURE PARENT (Me.)  
WESTON RANKIN (N.Y.)  
ERNEST WARREN REED (Tex.)  
CECIL LOUIS RICHARDSON (Mo.)  
WALTER FLETCHER SCOTT (Mo.)  
GEORGE WEBSTER WALLACE (Ohio)

I concur.

On motion of Mrs. Watkins, these certificates were awarded as recommended.

**APPOINTMENT TO BOARD OF EXAMINERS IN ACCOUNTANCY**

(4) The Committee on Accountancy recommends the appointment of Mr. William Charles Waggoner, of the firm of Touche, Niven, Bailey, and Smart, Chicago, as a member of the Board of Examiners in Accountancy, for a three-year term beginning July 1, 1949, to succeed Mr. Charles R. Miller, whose term of office expired June 30, 1949.

I concur in the recommendation.

On motion of Mr. McLaughlin, this appointment was made as recommended.

**LEAVE OF ABSENCE FOR DEAN MIRIAM A. SHELDEN**

(5) Miss Miriam A. Sheldon, Dean of Women, who is an officer in the Women's Reserve of the United States Navy, has been requested to return to active service for an indefinite period of time. I have authorized a leave of absence, without pay, from August 1 to November 1, 1949, and request confirmation of this action with authorization to extend this leave if the Navy requests her to continue in active service for a longer period.

On motion of Mrs. Watkins, this leave was confirmed, and the President of the University was authorized to make extensions if necessary.

**ADVISORY COMMITTEE FOR COLLEGE OF VETERINARY MEDICINE**

(6) The Dean of the College of Veterinary Medicine recommends the appointment of the following to the Advisory Committee of that College for the academic year 1949-1950:

C. E. DILLE, Cairo  
WAYNE DINSMORE, Chicago  
C. E. FIDLER, Lewistown  
C. C. HASTINGS, Williamsville  
G. W. JENSEN, Williamsville  
ARMAND A. LEGNER, Sandwich

OSCAR LINN, Canton  
R. V. McKEE, Varna  
P. J. MEGINNIS, Cicero  
D. E. SISK, Mansfield  
H. P. WESSELS, Geneva

I concur and recommend that they also be appointed or reappointed to the Citizens Committee of the University of Illinois in accordance with the practice of including all college advisory committees in the membership of the general committee.

Doctor Legner is a new appointee. The others have been on the Committee before. Doctors C. R. Collins, Dixon, and George B. McKillip, Chicago, who were on the Committee last year, are not being reappointed in accordance with the practice of making gradual changes in the personnel of this Committee.

On motion of Mr. Nickell, this committee was appointed as recommended.

**EXCHANGE OF PROFESSORS**

(7) The Head of the Department of German requests authorization of the exchange of Professor J. Theodore Geissendoerfer of the University of Illinois with Professor Gilbert Waterhouse of Queens University, Belfast, Ireland. Tentatively the first semester of the academic year 1950-1951 has been selected for this exchange.

I recommend approval and authorization to set up the terms of this exchange and other details, including a change in the period involved if this be deemed advisable upon further negotiations.

Professor Geissendoerfer has been granted sabbatical leave for the second semester 1949-1950 which he is planning to spend in study and research in Europe. If this exchange arrangement goes through, he will remain abroad and serve on the faculty of Queens University while his replacement, Professor Waterhouse, is teaching at the University of Illinois.

On motion of Mrs. Watkins, these recommendations were approved.

**CHANGES IN REGULATIONS FOR ADMINISTRATION OF  
GENERAL ASSEMBLY SCHOLARSHIPS**

(8) Under an act of the General Assembly of Illinois, passed in 1905, each member of the General Assembly has the privilege of nominating annually one resident of his district for a scholarship in the University which exempts the holder from the payment of tuition fees. For the purpose of carrying out its responsibilities under the law, and for the guidance of the administrative officers concerned, the Board of Trustees of the University has from time to time adopted regulations governing the administration of General Assembly scholarships.

The 66th General Assembly amended the scholarship law to provide that the failure of a member to make a nomination for a scholarship in any year will not cause that scholarship to lapse, but the member may make a nomination for such scholarship at any time before the expiration of his term. This amendment necessitates a change in the regulations governing General Assembly scholarships as heretofore approved by the Board of Trustees. I therefore recommend the following changes:

*Present Regulations***I. Appointments to Scholarships**

1. The original nomination of a candidate to a new four-year scholarship must be filed with the President of the University on or before the opening day of the fall semester or term of the University year in which the candidate expects to enter the University and the President is forbidden by the Statute to accept an original nomination after this date. (This is interpreted to mean within the first ten (10) days of the semester.)
2. In case the first nominee fails to accept the appointment or, not being a graduate of an accredited school, fails to pass the required examinations for admission, the member who made the original appointment may nominate another student from his district to such scholarship.
3. A nomination to fill a vacant scholarship or transfer an unused portion of a scholarship shall be effective as of the opening of the semester or term of the University during which it is made, provided such nomination is filed with the University during the first half of

*Proposed New Regulations***I. Appointments to Scholarships**

1. Each member of the General Assembly may award one four-year scholarship each year. Such scholarships shall become effective at the beginning of the semester or term following the date of appointment. Original appointments for scholarships which accrue to a member in any elected term may be deferred to a later date, but must be made prior to the expiration of that term. An original nomination so deferred shall become effective at the beginning of the semester or term following such nomination and shall continue for four years thereafter. A scholarship shall lapse if the member fails to make a nomination prior to the expiration of the term for which he was elected. (A nomination made during the first half of the semester will become effective as of the beginning of that semester.)
2. (No change required in this portion.)
3. (No change required in this portion.)

*Present Regulations (Cont.)*

such semester or term, but if it is filed during the second half of the semester or term, it shall not become effective until the opening of the next following semester or term.

4. (A scholarship becomes vacant either (1) through failure of the holder to register, or (2) through written statement signed by him relinquishing his rights to the scholarship. See full statement under "registration" below.)
5. If a member desires to select his nominee on the basis of competition he may require the applicants to write the scholarship examination held in the office of each County Superintendent of Schools on the first Saturday of June as provided in Section 30—7. Candidates should notify the County Superintendent of their intention to write at least ten days in advance of the date of the examination. They will be subject to the University regulations with respect to the conduct of such examinations.

## II. Qualifications of Candidates

1. To qualify for appointment under this Act, a candidate must be—
  - (1) At least 16 years old.
  - (2) A graduate of a high school or other secondary school accredited by the University of Illinois and must present fifteen units of high school work in acceptable subjects including certain prescribed subjects. A candidate who is not a graduate of an accredited high school may qualify for appointment to a scholarship by passing entrance examinations and thus qualify for admission to the University.
  - (3) A legal resident of the State and of the district represented by the member who makes the nomination. (See interpretation of "residence" below.)

## III. Registration

1. Having satisfied the entrance requirements, the new appointee to a four-year scholarship or to the unused portion of a scholarship must register in the University not later than twenty (20) days after the opening date of the semester or term when the scholarship first becomes effective. If the appointee fails to so register he forfeits the scholarship unless he is unable to

*Proposed New Regulations (Cont.)*

4. (No change required in this portion.)
5. (No change required in this portion.)

## II. Qualifications of Candidates

1. (No change required in this portion.)

## III. Registration

1. (No change required in this portion.)



*Present Regulations (Cont.)*

register because of military or naval service.

2. Failure of a scholarship holder to register in the University not later than twenty (20) days after the beginning of the fall or winter semester will constitute a release (forfeiture) of the scholarship. The member who made the original appointment, if he is still a member of the General Assembly, may transfer the scholarship to some other student in his district. A scholarship held by a person who has been granted a leave of absence under the law to earn money to continue his education may be transferred only when released in writing by the present holder; and such a scholarship held by one who is absent for military or naval service is not forfeited by failure to register or by a discontinuance of his course, and may be transferred only when released in writing by the present holder, or when proof of death is presented by affidavit of some competent person.

*Proposed New Regulations (Cont.)*

2. Failure of a scholarship holder to register in the University not later than (20) days after the beginning of the fall or winter semester will constitute a release (forfeiture) of the scholarship. *A scholarship that is released or forfeited may be transferred to some other student from the district as indicated in Section 30—11 of the law.* A scholarship held by a person who has been granted a leave of absence under the law to earn money to continue his education may be transferred only when released in writing by the present holder; and such a scholarship held by one who is absent for military or naval service is not forfeited by failure to register or by a discontinuance of his course, and may be transferred only when released in writing by the present holder, or when proof of death is presented by affidavit of some competent person.

On motion of Mr. Nickell, these regulations were amended as recommended.

**CONTRACT FOR LEASE OF EDUCATIONAL FILMS**

(9) The Dean of the Division of University Extension recommends that the University enter into a contract with United World Films of America, New York City, for the leasing and acquisition of a series of films on "The Earth and Its Peoples." The films have been produced for the teaching of geography in grade and high schools. The collection consists of 121 prints of 35 titles. The lease provides for the payment of \$35 per print upon receipt of the films, \$35 per print 12 months after delivery, and \$35 per print 24 months after delivery, a total payment of \$105 per print. Upon conclusion of the lease, the films will become the property of the University. The lease may be terminated at the end of a year upon 30 days' notice.

The films will be used by the Audio-Visual Aids Service for rental to schools at a rate of \$3 for the first day and \$.50 for each additional day. During the period of the lease United World Films will pay the University \$5.50 per booking which United World Films arranges with schools to introduce the films. United will not charge schools for this. The University will service all bookings in Illinois except in the City of Chicago. "Junior Scholastic," a monthly school magazine, will have an article on these films in each issue during the school year 1949-1950.

I concur and recommend that the Comptroller be authorized to execute this contract.

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

**CONTRACT FOR REMODELING HOUSE AT  
UNIVERSITY OF ILLINOIS AIRPORT**

(10) On July 22, 1948 (Minutes, pages 23-24), the Board of Trustees authorized a contract with J. C. Scott, Tolono, for remodeling a house at the University of Illinois Airport to provide living quarters for two members of the staff of the Institute of Aviation whose services require them to live near the Airport. The contract was on a cost plus 10 per cent basis at an estimated total of \$8,500.

It is very difficult to estimate the cost of remodeling jobs accurately because unforeseeable construction conditions are frequently encountered. That was true in this case and a great deal of additional work had to be done which was not originally contemplated. The audited cost is \$16,802.43. There is no question that the costs were incurred and with the approval of the University representative in charge. Through an oversight and misunderstanding of the original action of the Board, the Institute of Aviation did not report an increase in the estimate until the work had been completed. The Director of the Institute of Aviation and the Comptroller request approval of the increased estimate and authority to pay the contractor the full amount of cost incurred and audited, subject to the usual filing of waivers of liens.

Because the remodeling has resulted in a higher standard house than was originally contemplated, the scale of rentals is somewhat higher and the expenditure will be recovered through income from rentals in a period of approximately seventeen years.

I concur in the recommendations of the Director and the Comptroller.

On motion of Mr. Herrick, these recommendations were adopted.

#### CONTRACT FOR PAINTING OF PIPING

(11) The Director of the Physical Plant Department and the Comptroller recommend award of a contract for \$9,850 to J. Bernard Mullen, of Chicago, the lowest bidder, for painting of piping in connection with the installation of laboratory equipment in the East Chemistry Building.

Funds are available in the State appropriation for "Acquisition and installation of Chemistry Building equipment."

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute this contract.

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

#### AWARD OF CONTRACT FOR REMODELING IN LINCOLN HALL

(12) On July 28, 1949, the Board of Trustees approved an appropriation for remodeling and equipping certain rooms in Lincoln Hall for the language departments.

The Director of the Physical Plant Department and the Comptroller recommend the award of a contract to C. A. Petry, the lowest bidder, in the amount of \$8,157.

I concur and request that the Comptroller and the Secretary of the Board be authorized to execute this contract.

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

#### RELEASES OF FUNDS FOR BUILDINGS AND OTHER CAPITAL IMPROVEMENTS

(13) The Governor has approved the following releases of funds from appropriations made to the University of Illinois for 1949-1951 for buildings and other capital improvements:

##### *Release No. 1*

"Acquisition and Installation of Chemistry Building Equipment.....\$330,000"

##### *Release No. 2*

"For Equipment for Buildings at Urbana-Champaign and Chicago.....\$ 50,000"

This is a partial release of an appropriation of \$680,000. The funds so released may be used by the University for the acquisition and installation of Chemistry Building equipment, the amount appropriated for this specific purpose having proved insufficient to complete the project, and are supplementary to release No. 1.

##### *Release No. 3*

"For Contingencies to Cover Expenditures for Purposes for which the Amount Appropriated in any Item Above Enumerated is, or becomes, Insufficient.....\$ 20,000"

This is a partial release from an appropriation of \$550,000, and the \$20,000

released is to supplement releases Nos. 1 and 2 for the acquisition and installation of Chemistry Building equipment.

*Release No. 4*

"For Permanent Improvements at Urbana-Champaign Acquisition through Construction or Purchase of Student and Staff Housing..\$190,000"

*Release No. 5*

"For Contingencies to Cover Expenditures for Purposes for which the Amount Appropriated in any Item Above Enumerated is, or becomes, Insufficient.....\$ 10,000"

This is a partial release from an appropriation of \$550,000 and is to supplement the housing funds in release No. 4.

*Release No. 6*

"For Permanent Improvements at Urbana-Champaign Additions to Power and Heating Plant and Remodeling of Existing Buildings..\$ 85,000"

This is a partial release from an appropriation of \$1,215,000 and the \$85,000 so released is for architectural and engineering services for additions to power and heating plant and remodeling of existing buildings at Urbana-Champaign.

*Release No. 7*

"For Permanent Improvements at Urbana-Champaign Construction of Veterinary Science Unit.....\$ 40,000"

This is a partial release from an appropriation of \$1,560,000 and the \$40,000 so released is for architectural and engineering services on the Veterinary Science Building.

*Release No. 8*

"For Permanent Improvements at Chicago Construction of Addition to Present Hospital.....\$246,000"

This is a partial release from a total appropriation of \$7,395,000 and the \$246,000 is to be used for architectural and engineering services on the construction of an addition to the present hospital at Chicago.

*Release No. 9*

"For Permanent Improvements at Urbana-Champaign Construction of Agricultural Structures and Remodeling Present Agricultural Buildings.....\$ 20,000"

This is a partial release from an appropriation of \$200,000 and the \$20,000 so released is for architectural and engineering services on the construction of agricultural structures and remodeling present agricultural buildings.

*Release No. 10*

"For Permanent Improvements at Chicago Construction of Utility Distribution System and Remodeling of Existing Buildings.....\$ 13,000"

This is a partial release from an appropriation of \$100,000 and the \$13,000 so released is for architectural and engineering services on the construction of Utilities Distribution System and remodeling of existing buildings at Chicago.

*Release No. 11*

"For Permanent Improvements at Urbana-Champaign Construction of Animal Science Laboratory.....\$ 62,500"

This is a partial release from an appropriation of \$2,160,000 and the \$62,500 so released is for architectural and engineering services on the construction of the Animal Science Laboratory at Urbana-Champaign.

*Release No. 12*

"For Permanent Improvements at Urbana-Champaign Construction of Extension to the Utility Distribution Systems.....\$ 40,000"

This is a partial release from an appropriation of \$375,000 and the \$40,000

so released is for architectural and engineering services on the construction of extension to the utilities distribution systems at Urbana-Champaign.

I recommend that the funds released be appropriated for the purposes specified.

On motion of Mr. McLaughlin, these funds were assigned as recommended, by the following vote: Aye, Mr. Fornof, Mr. Herrick, Mr. Livingston, Mr. McLaughlin, Dr. Meyer, Mr. Nickell, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Hickman, Mrs. Holt, Mr. Stevenson.

#### APPROPRIATION FROM AGRICULTURAL INCOME

(14) The Dean of the College of Agriculture recommends an appropriation of \$2,000 from the accumulated surplus in agricultural income for the improvement of feed lots in the beef cattle feeding shed area. The work will consist of grading three feed lots and concreting another. The improvement is needed to provide a cattle feed lot which will be used in studies of controlled feeding on individual animals. Funds are available.

I concur.

On motion of Mr. McLaughlin, this appropriation was made as recommended, by the following vote: Aye, Mr. Fornof, Mr. Herrick, Mr. Livingston, Mr. McLaughlin, Dr. Meyer, Mr. Nickell, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Hickman, Mrs. Holt, Mr. Stevenson.

#### SPECIAL APPROPRIATIONS FOR NONRECURRING EXPENDITURES

(15) The Committee on Nonrecurring Appropriations recommends assignments from funds set aside in the budget for 1949-1950 for nonrecurring expenditures as follows:

##### *At the Chicago Professional Colleges*

1. Air-conditioning equipment for Animal Hospital.....	\$ 1 500
2. Equipment for Office of Director of Student Affairs.....	600
3. Improved laboratory facilities for College of Pharmacy.....	500
4. Remodeling in Dark Room—Radiology Department.....	1 275
5. Display cases for Obstetrics and Gynecology Department.....	845
6. Fluorescent lights for Dermatology Department.....	1 200
7. Remodeling in Division of Toxicology.....	520
8. Repairing and relocation of student lockers for Physical Plant Department.....	995

*Total, Chicago Professional Colleges.....\$ 7 435*

##### *At Urbana-Champaign*

9. Remodeling 601 East John Street for Speech Department.....	\$13 470
10. Remodeling in Vivarium.....	15 500
11. Remodeling and equipment in Natural History Building.....	17 000
12. Remodeling 1110 West Illinois Street for College of Fine and Applied Arts.....	11 500
13. Equipment for Radio Station WILL recording service.....	3 515
14. Robert Allerton Park remodeling and equipment.....	6 300
15. Building changes required for relocation of statistical service in Arcade Building.....	3 700
16. Acoustical treatment of Band Building.....	1 800

*Total, Urbana-Champaign.....\$72 785*

*Total, Chicago Professional and Urbana-Champaign.....\$80 220*

I concur with the recommendation that the appropriations for the Chicago Professional Colleges (total, \$7,435) be charged against the "Chicago Nonrecurring Reserve" and the appropriations for Urbana-Champaign (total, \$72,785) be charged against "Reserve for Nonrecurring Purposes."

Requests for these assignments of funds have been carefully studied by the Chicago Professional Colleges and the Urbana-Champaign Committees on Non-

recurring Appropriations. Reports of these committees, giving details on each item, are submitted herewith.

On motion of Mr. Fornof, these appropriations were made as recommended, by the following vote: Aye, Mr. Fornof, Mr. Herrick, Mr. Livingston, Mr. McLaughlin, Dr. Meyer, Mr. Nickell, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Hickman, Mrs. Holt, Mr. Stevenson.

#### EXCHANGE OF GOVERNMENT SECURITIES

(16) The 2 per cent Treasury Bonds held in connection with the trust fund under the Navy Pier lease mature on September 15, 1949. The United States Government offered in exchange for these bonds  $1\frac{1}{8}$  per cent Certificates of Indebtedness due September 15, 1950, with the provision that subscriptions for these new securities must be entered by September 3.

Under the authorization of the Finance Committee of the Board of Trustees, and on recommendation of the First National Bank of Chicago, this exchange was authorized and is now reported to the Board of Trustees.

This report was received for record.

#### INVESTMENTS

(17) The Finance Committee reports the following transactions involving securities:

##### *Purchases:*

##### ENDOWMENT FUNDS

\$7,000 American Telephone and Telegraph Company $3\frac{3}{8}$ % debentures, due 1973.....	\$7 518 44
\$2,000 B. F. Goodrich Company First Mortgage Bonds, $2\frac{3}{4}$ %, due 1965.....	2 045 28

##### *Sale:*

Houston Lighting and Power Company, 250 rights.....	246 87
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##### *Exchange:*

##### STUDENT LOAN FUNDS

\$50,000 U.S.A. Certificates of Indebtedness,  $1\frac{1}{8}$ %, due July 1, 1949, for \$50,000  
U.S.A. Certificates of Indebtedness,  $1\frac{1}{4}$ %, due July 1, 1950.

This report was received for record.

#### PURCHASES

(18) The Director of Purchases has proposed, the Comptroller has recommended, and the President has authorized emergency purchases listed under A in the Appendix (page 900). The Director of Purchases proposes and the Comptroller recommends purchases listed under B in the Appendix (page 901).

On motion of Mr. McLaughlin, the action of the President in authorizing emergency purchases was approved and confirmed, and purchases were authorized as recommended.

#### CONTRACTS EXECUTED BY COMPTROLLER

(19) The Comptroller's report of contracts executed, July 11 to September 10, 1949 (see Appendix, page 903).

This report was received for record.

#### QUARTERLY REPORT OF THE COMPTROLLER

(20) The Comptroller presents his quarterly report to the Board as of June 30, 1949.

This report was received for record.

#### GIFT TO THE UNIVERSITY

(21) Mr. J. D. Phillips, class of 1893, of Los Angeles, California, has offered the University approximately \$10,000 to establish a scholarship fund to be called the "J. D. and Clara Moore Phillips Scholarship." The income from the fund

is to be paid to Mr. Phillips and, at his death, to a designated beneficiary, now 76. Upon the death of the beneficiary, the income shall be used for scholarships. There are no limitations upon the kind of scholarships other than that they should be used to aid worthy students. The scholarships would be awarded by the University Committee on Scholarships.

Mr. James David Phillips was born in 1868 and is a graduate of the University of Illinois, receiving the degrees of Bachelor of Science in Architecture in 1893 and of Master of Architecture in 1943. He was a member of the staff of the College of Engineering from 1892 to 1902. He was a member of the Engineering staff of the University of Wisconsin from 1902 to 1920 and Business Manager of that institution from 1920 until he retired in 1938. He is the author of several textbooks on mechanical drawing and has written numerous articles relating to university financing.

I recommend approval.

On motion of Mr. Nickell, the acceptance of this fund was authorized.

#### **REPORT OF GIFTS AND GRANTS RECEIVED BY THE UNIVERSITY**

(22) The following gifts and grants of funds have been received by the University during the fiscal year 1948-1949. They have been accepted by the President in accordance with the statutory procedure and are being reported for official record (see Appendix, page 903).

This report was received for record.

#### **CONTRACT FOR TURBINE GENERATOR**

(23) The Director of the Physical Plant Department and the Comptroller recommend the award of a contract for \$141,266.85, subject to the release by the Governor of funds appropriated to the University for this purpose, to the General Electric Company, Chicago, the lowest bidder, for a 3000-kilowatt automatic extraction turbine generator as a part of the addition to the Abbott Power Plant at Urbana.

The State appropriations made to the University for 1949-1951 for buildings and other capital improvements include \$1,215,000 for "Additions to Power and Heating Plant and Remodeling of Existing Buildings" at Urbana-Champaign. These funds are available on release by the Governor.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute this contract.

On motion of Mr. Herrick, authority was granted as recommended.

#### **CONTRACT FOR POWER PLANT EQUIPMENT**

(24) The Director of the Physical Plant Department and the Comptroller recommend awards of contracts for \$20,213 to the Fluor Corporation, Ltd., Los Angeles, California, for a cooling tower, and for \$28,980 to the Worthington Pump & Machinery Corporation, Chicago, for condensing equipment for additions to the Abbott Power Plant at Urbana, subject to the release by the Governor of funds appropriated to the University for this purpose. These are the lowest bidders in each case and the proposals are firm prices. The proposal of the Fluor Corporation is subject to completion of the erection of the cooling tower prior to September 30, 1950, but in the event the erection can not be completed prior to that date, prices will be adjusted upward or downward in accordance with the standard escalation clause, if escalation in cost is in excess of 2 per cent of the price quoted.

The State appropriations made to the University for 1949-1951 for buildings and other capital improvements include \$1,215,000 for "Additions to Power and Heating Plant and Remodeling of Existing Buildings" at Urbana-Champaign. These funds are available upon release by the Governor.

I concur and request that the Comptroller and the Secretary of the Board be authorized to execute these contracts.

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

**SANITARY SEWER FOR SMALL HOMES COUNCIL  
HOUSING RESEARCH PROJECT**

(25) The City of Urbana has agreed to permit connection of the sanitary sewer in the Small Homes Council Housing Research Project area at Race Street and Florida Avenue to the city system. This will require a new sewer from Pennsylvania Avenue to Michigan Avenue and the University should assume its proportionate share (\$1,267.86) of the cost of the improvement.

The city is ready to proceed with the construction. The improvement is needed and the Director of the Physical Plant Department and the Comptroller recommend that the University assume its share of the cost. Funds are available in the budget set up for this housing project.

I concur and request that the Comptroller be authorized to pay the City of Urbana the sum of \$1,267.86 when the sewer has been completed.

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

**APPROPRIATION FOR CONSTRUCTION OF PARKING LOT FACILITIES**

(26) There are now about 5,000 faculty and staff cars and nearly 3,000 student cars for which parking spaces are sought on or near the campus. The University of Illinois now has about 2,000 spaces which have been surfaced and are operated mainly for the use of faculty. The congestion around the campus is extremely bad and hazardous for all concerned.

The Provost has recently appointed a committee to consider the whole problem of parking facilities, including new areas that might be developed and the merits of a nominal rental fee for the continued use of parking spaces. Student pressure for increased facilities is severe.

Several areas have already been studied by the Physical Plant Department and four of these could be made available for use in the very near future, whenever funds are available. Areas presently under consideration would provide for about 372 spaces for students and 94 spaces for staff. This whole problem has been under review by the Committee on Nonrecurring Appropriations and the Committee is favorable to prompt and substantial steps toward providing additional parking facilities.

I recommend an appropriation of \$30,000 from General Reserve to the Physical Plant Department in order to provide additional parking facilities, specific assignments from this fund to be made by the President of the University for each particular project, the bids to be submitted to the Executive Committee for authorization of contracts.

On motion of Mrs. Watkins, this appropriation was made under the conditions specified, by the following vote: Aye, Mr. Fornof, Mr. Herrick, Mr. Livingston, Mr. McLaughlin, Dr. Meyer, Mr. Nickell, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Hickman, Mrs. Holt, Mr. Stevenson.

**RELEASE OF FUNDS FROM UNIVERSITY CLUB OF URBANA TRUST**

(27) On October 29, 1943 (Minutes, page 743), the Board of Trustees approved an agreement with the Men's University Club of Urbana for the purchase by the University of the property of the Club and providing for changes in the future operations of the Club. This agreement also established a trust fund for "the financing of a future building project and/or furnishing or equipping space to be occupied by the Club." The Men's University Club undertook to induce its members to contribute the fund for a future Faculty Graduate Student Center by turning in Club bonds, the value of which could be applied to the fund, or by making other contributions. The University agreed to match all moneys con-

tributed to this fund by members of the Club during the biennium ended June 30, 1945. The trust fund thus established now amounts to \$15,374.92.

There is no prospect for a new University Club building in the immediate future. The Men's University Club has undertaken to improve the present facilities through the enlarging of the food service area and remodeling club room facilities. The Club has funds for redecorating but not for the purchase of necessary new equipment and furnishings. The Board of Governors of the Men's University Club is of the opinion that the purchase of equipment and furnishings, amounting to \$2,500, comes within the intention of the Trust Agreement, and requests the release by the Board of Trustees of the University of \$2,500 from the Trust Fund. It is expected that by so using such part of the Trust Fund the Club facilities will become more attractive, thereby increasing participation by the faculty and reducing the food service operating deficit through increased patronage.

I recommend the release of \$2,500 from the University Club Trust Fund which is held by the University of Illinois Foundation for the purpose requested by the Board of Governors of the Club.

On motion of Mr. Fornof, this release of trust funds was authorized as recommended, by the following vote: Aye, Mr. Fornof, Mr. Herrick, Mr. Livingston, Mr. McLaughlin, Dr. Meyer, Mr. Nickell, Mrs. Watkins, Mr. Williamson; no, none; absent Mr. Hickman, Mrs. Holt, Mr. Stevenson.

#### PAYMENTS IN LIEU OF TAXES

(28) The Comptroller and the Legal Counsel report that they have been working with officials of Champaign, Piatt, and De Kalb counties in the determination of amounts which the University may appropriately pay for services of governmental bodies in those counties under the provision of the act of the last General Assembly authorizing such payments. Agreement has been reached with these officials with respect to practically all of the properties involved. All such payments are covered by income produced by such properties except in a very few cases where the properties were income-producing when acquired but shortly thereafter but subsequent to the date of tax assessment were transferred to educational uses.

In nearly all cases payments will be made out of funds now available in income accounts. In some instances net income of properties on which payments for preceding years are in order was transferred to the General Reserve Fund of the University, so that funds are not now available in the income accounts of these properties to cover such payments.

The Comptroller requests an appropriation from the General Reserve Fund of \$3,628. I recommend approval.

The Comptroller and the Legal Counsel commented on this matter.

On motion of Mr. McLaughlin, these payments were authorized, and the appropriation was made, by the following vote: Aye, Mr. Fornof, Mr. Herrick, Mr. Livingston, Mr. McLaughlin, Dr. Meyer, Mr. Nickell, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Hickman, Mrs. Holt, Mr. Stevenson.

#### PRESIDENT STODDARD'S REPORT ON UNESCO

On request of President Williamson, President Stoddard made an informal and illuminating report on the meetings of UNESCO in Paris during the summer.



**SECRETARY'S REPORTS**

The Secretary presented the following lists for record, as printed in the Appendix.

1. Appointments to the staff made by the President of the University (page 830).
2. Graduate fellows (page 840).
3. Resignations, declinations, and cancellations (page 841).
4. Leaves of absence (page 845).
5. List of degrees conferred on August 14, 1949 (page 845).

The Board adjourned.

H. E. CUNNINGHAM

*Secretary*

KENNEY E. WILLIAMSON

*President*

## APPENDIX

## APPOINTMENTS MADE BY THE PRESIDENT

(The date in parenthesis is the date on which the appointment was made by the President of the University. Part-time appointments are shown by fractions after the name of the department. C = College; S = Station; E = Extension.)

- ACKER, GERALDINE E., Instructor, Foods and Nutrition Extension (Home Economics) (E), one year beginning September 1, 1949, \$3800 (8-10-49).
- ALBERTSON, JOSEPH K., Instructor, Music, academic year beginning September 1, 1949, \$3,000 (8-2-49).
- ALLEN, HARRY R., Assistant Professor, Architecture (Undergraduate Division in Chicago), one year beginning September 1, 1949, \$4800 (9-15-49).
- ANASTOPOULOS, VASILIOS B., Research Assistant, Medicine (Medicine), four months beginning September 1, 1949, \$225 a month (8-10-49).
- ANNIS, ROBERT W., Special Research Associate, Electrical Engineering (C) ( $\frac{1}{4}$ ), five months beginning September 1, 1949, \$1300 a year, and ( $\frac{1}{2}$ ), seven months beginning February 1, 1950, \$2600 a year (8-4-49).
- APLEGATE, LESTER B., Instructor, Institute of Aviation, one year beginning September 1, 1949, \$4900 (8-19-49).
- ARBENZ, MARY H., Instructor, Speech, one year beginning September 1, 1949, \$3500 (9-15-49).
- ATKIN, MRS. ESTELLE, Assistant, Animal Nutrition (Animal Science) (S), one year beginning September 1, 1949, \$3200 (8-4-49).
- AYERS, A. R., Instructor, Agricultural Engineering (E), one year beginning September 1, 1949, \$4200, supersedes (8-24-49).
- BAER, MARY L., Research Assistant, Bureau of Economic and Business Research, eleven months beginning October 1, 1949, \$2700 a year (8-2-49).
- BAGLEY, CHARLES T., Visiting Assistant Professor, Civil Engineering (C) ( $\frac{1}{2}$ ), academic year beginning September 1, 1949, \$2,000 (8-10-49).
- BAKER, J. S., Architecture ( $\frac{1}{2}$ ), Summer Session, 1949, June 17-August 13, 1949, \$362 (8-6-49).
- BAKER, M. C., Instructor, Education, and Counselor, University Council on Teacher Education ( $\frac{1}{2}$ ), academic year beginning September 1, 1949, \$1900 (8-18-49).
- BALTHAZAR, EARL E., Instructor, Education (University High School) ( $\frac{1}{2}$ ), academic year beginning September 1, 1949, \$1500 (8-17-49).
- BARRY, JOHN R., Assistant Professor, Psychology, and Counselor, Student Counseling Bureau (Undergraduate Division in Chicago), eleven months beginning October 1, 1949, \$5500 a year (8-19-49).
- BAULEKE, MAYNARD P., Special Research Assistant, Ceramic Engineering (S), September 12, 1949-August 31, 1950, \$250 a month (9-21-49).
- BAULING, FREDERICK G., Research Assistant, Mechanical Engineering (C), one year beginning September 1, 1949, \$3000 (8-4-49).
- BAUMAN, R. A., Research Assistant, Chemistry (Graduate College), one year beginning September 1, 1949, \$3800 (8-4-49).
- BEALS, ROBERT J., Assistant, Ceramic Engineering (C), nine months beginning September 16, 1949, \$3000, supersedes (9-14-49).
- BENDER, JAY A., Instructor, Physical Education for Men ( $\frac{1}{4}$ ), academic year beginning September 1, 1949, \$800 (8-4-49).
- BENENSOHN, SOL J., Clinical Instructor, Obstetrics and Gynecology (Medicine), one year beginning September 1, 1949, without salary, supersedes (9-16-49).
- BERMAN, DAVID, Instructor, Applied Materia Medica and Therapeutics (Dentistry) ( $\frac{3}{10}$ ), one year beginning September 1, 1949, without salary (8-10-49).
- BESTOR, ARTHUR E., Associate Professor, History, indefinite tenure beginning September 1, 1949, to render service during each academic year, \$6000 a year, supersedes (9-10-49).
- BEVAN, MRS. BETTY M., Assistant, Plant Pathology Research (Horticulture) (S), beginning July 1, 1949, and continuing until further notice, \$3200 a year (7-26-49).
- BIEGEL, ALBERT C., Instructor, Ophthalmology (Medicine) ( $\frac{85}{100}$ ), eight months beginning January 1, 1950, \$350 a month, supersedes (9-15-49).

- BLACKMORE, WILLIAM P., Instructor, Manufacturing Pharmacy (Hospital Pharmacy) (Pharmacy), one year beginning September 1, 1949, \$3800, supersedes (9-15-49).
- BLAND, LOIS J., Assistant, Home Economics 4-H Club Work (Home Economics) (E), one year beginning September 1, 1949, \$3800 (8-4-49).
- BLOOM, L. W., Instructor, Speech (Undergraduate Division in Chicago), academic year beginning September 1, 1949, \$4500 (8-22-49).
- BOAND, ARTHUR V., Assistant, Bacteriology (Medicine), nine months beginning September 16, 1949, \$2400 (9-21-49).
- BOND, EPPERSON E., Research Associate, Pharmacology (Medicine), eleven months beginning August 1, 1949, \$3300 a year, supersedes (8-19-49).
- BORG, ALFRED F., Assistant Professor, Bacteriology, academic year beginning September 1, 1949, \$4700 (8-12-49).
- BREEN, JAMES L., Assistant, Physical Education for Men, nine months beginning September 16, 1949, \$3600 (8-4-49).
- BRIGGS, MARGUERITTE, Assistant Professor, Child Development and Parent Education (Home Economics) (E), two years beginning September 1, 1949, \$5333 a year, supersedes (8-12-49).
- BROADRICK, K. W., Speech ( $\frac{1}{2}$ ), Summer Session, 1949, June 17-August 13, 1949, \$400, supersedes (8-10-49).
- BRODY, T. M., Instructor, Pharmacognosy and Pharmacology (Pharmacy) ( $\frac{1}{4}$ ), academic year beginning September 1, 1949, \$875, supersedes (8-24-49).
- BROMLEY, ANN, Dean of Women, Undergraduate Division in Chicago, two years beginning September 1, 1949, \$4500 a year (9-24-49).
- BROWN, R. ELIZABETH, Assistant Professor, Psychology, academic year beginning September 1, 1949, \$4932 (8-4-49).
- BROWN, WILLIAM B., Flight Instructor, Institute of Aviation, one year beginning September 1, 1949, \$3850 (8-19-49).
- BROWNING, CARROLL W., Instructor, Ophthalmology (Medicine) (85/100), ten months beginning November 1, 1949, \$350 a month, supersedes (9-15-49).
- BRYAN, GEORGE R., JR., Assistant Professor, Naval Science, beginning August 20, 1949, and continuing until further notice, without salary (8-29-49).
- BURT, BARBARA A., Clinical Counselor, Student Counseling Bureau, one year beginning September 1, 1949, \$4100 (9-10-49).
- CAGLE, MRS. WINIFRED N., Assistant, Home Economics (C), nine months beginning September 16, 1949, \$2400 (8-10-49).
- CARLISLE, MARTHA E., Assistant, Rural Sociology (Agricultural Economics) (E), one year beginning September 1, 1949, \$3500 (9-23-49).
- CATE, HUBERT A., Assistant, Agricultural Research (E & S), one year beginning September 1, 1949, \$3600 (9-23-49).
- CHANG, PEH-I, Graduate Research Assistant, Entomology (Graduate College), one year beginning September 1, 1949, \$2400 (8-18-49).
- CHARMLEY, BEULAH J., Assistant, English, nine months beginning September 16, 1949, \$2700 (9-23-49).
- CHEN, MRS. MO-LING H., Catalog Assistant, Library, one year beginning September 1, 1949, \$3000 (8-10-49).
- CHILDS, MORRIS E., Special Research Assistant, Mechanical Engineering (C), one year beginning September 1, 1949, \$3600, supersedes (8-17-49).
- CLARK, DOROTHY, Instructor, Music, academic year beginning September 1, 1949, \$3500 (8-2-49).
- CLARK, JOHN W., Clinical Instructor, Radiology (Rush) (Medicine), one year beginning September 1, 1949, without salary (9-16-49).
- CLEMENT, ALICE M., Instructor, Occupational Therapy (Physical Medicine) (Medicine), one year beginning September 1, 1949, \$3850, supersedes (9-15-49).
- COFFIN, GEORGIA R., Cataloger, rank of Instructor, Library, one year beginning September 1, 1949, \$3600, supersedes (8-19-49).
- COHN, MRS. EVA M., Assistant, Animal Nutrition (Animal Science) (S), one year beginning September 1, 1949, \$3200 (8-4-49).
- COLE, MRS. MARGARET C., Assistant, Home Economics (S), one year beginning September 1, 1949, \$3400 (8-17-49).

- COLLINS, EUNICE, Assistant Professor, Journalism ( $\frac{1}{2}$ ), to render service during each academic year, \$2100 a year, and Journalism Librarian ( $\frac{1}{2}$ ) (Y basis), \$2400 a year, two years beginning September 1, 1949 (8-10-49).
- COLLINS, PATRICIA J., Assistant Professor, Physical Education for Women, academic year beginning September 1, 1949, \$4000 (9-8-49).
- COMMANDAY, ROBERT P., Assistant Professor, Music (Fine and Applied Arts) (45/100), to render service during two semesters of each academic year, and Division of University Extension (55/100) (Y basis), one year beginning September 1, 1949, \$4100, supersedes (8-10-49).
- CONKIN, GEORGE S., Assistant, English, nine months beginning September 16, 1949, \$2400, supersedes (8-15-49).
- CONLEY, INEZ, Research Associate, Bureau of Economic and Business Research ( $\frac{1}{2}$ ), one year beginning September 1, 1949, \$2100 (9-10-49).
- COTTER, MRS. ALICE W., Head Resident, Evans Hall, ten months beginning September 1, 1949, \$2400; also to be furnished housing valued at \$100, and three meals daily valued at \$168, supersedes (8-22-49).
- CUNNINGHAM, GORDON R., Assistant Extension Forester (Forestry) (E), eleven months beginning October 1, 1949, \$1980 a year; in addition to \$1620 a year paid from Clarke-McNary, for which the University assumes no responsibility (9-21-49).
- DAMRIN, DORA E., Assistant, Bureau of Research and Service, June 16-August 31, 1949, \$233.33 a month, supersedes (8-10-49).
- DAVID, RUTH, Instructor, Division of Social Sciences (Undergraduate Division in Chicago), academic year beginning September 1, 1949, \$3000 (9-21-49).
- DAWN, C. ERNEST, Instructor, History, academic year beginning September 1, 1949, \$3600 (8-10-49).
- DEAL, NEWTON H., Circulation Assistant, Library, one year beginning September 1, 1949, \$3500 (8-17-49).
- DEARDORFF, DWIGHT L., Associate Professor, Pharmacy (Pharmacy), indefinite tenure beginning September 1, 1949, to render service during two semesters of each academic year, \$6500 a year (8-15-49).
- DETABLE, GRACE W., Assistant, Occupational Therapy (Physical Medicine) (Medicine), one year beginning September 1, 1949, \$3300, supersedes (9-15-49).
- DINGWALL, ROBERT A., Assistant, Electrical Engineering (C), nine months beginning September 16, 1949, \$2400 (9-15-49).
- DOWELL, DOROTHY, Instructor, Labor and Industrial Relations ( $\frac{3}{8}$ ), and Division of University Extension ( $\frac{1}{8}$ ), one year beginning September 1, 1949, \$4250 (9-21-49).
- DRENAN, JAMES W., Special Research Assistant, Chemistry (Graduate College), nine months beginning October 1, 1949, \$2925 (8-19-49).
- DRESSEL, ELIZABETH T., Research Assistant, Bureau of Institutional Research (Provost's Office), one year beginning September 1, 1949, \$2700 (9-10-49).
- DRISCOLL, THOMAS H., Assistant, English, nine months beginning September 16, 1949, \$2500 (8-17-49).
- DUNLOP, KATHLEEN, Research Assistant, Bureau of Economic and Business Research, one year beginning September 1, 1949, \$3000 (8-19-49).
- EATON, THELMA, Associate Professor, Library Science, two years beginning September 1, 1949, to render service during each academic year, \$5000 a year, supersedes (9-21-49).
- ELFENBAUM, ARTHUR, Chief Examiner, and Associate Professor, Clinical Dentistry (Admitting Clinic) (Dentistry), indefinite tenure beginning September 1, 1949, \$6500 a year, supersedes (9-15-49).
- ELLIS, MRS. EFFIE O., Instructor, Parasitology (Medicine) (Medicine), four months beginning September 1, 1949, \$300 a month (8-17-49).
- ELSSESSER, THADDEUS M., Instructor, Theoretical and Applied Mechanics (C), academic year beginning September 1, 1949, \$3850 (9-10-49).
- EVERSON, TILDEN C., Instructor, Surgery (Medicine) ( $\frac{1}{2}$ ), four months beginning September 1, 1949, \$2000 a year (8-19-49).
- FLEMING, MRS. MARILYN M., Electroencephalographer, and Assistant, Psychiatry (Medicine), two months beginning July 1, 1949, \$3000 a year, supersedes (8-18-49).

- FORBES, RICHARD M., Associate Professor, Animal Nutrition (Animal Science) (C), to render service during each academic year, and Agricultural Experiment Station (Y basis), September 15, 1949-August 31, 1951, \$6000 a year (7-18-49).
- FRANKS, MARY L., Library School Library Assistant, Department of Public Service, September 12, 1949-August 31, 1950, \$3000 a year (8-10-49).
- FRISBEE, MARGARETTA, Assistant Professor, Social Welfare Administration, and Extension, academic year beginning September 1, 1949, \$5000 (8-15-49).
- FULLER, E. G., Special Research Assistant, Physics (C), one year beginning September 1, 1949, \$3240 (9-10-49).
- GABIS, S. T., Instructor, Social Sciences (Undergraduate Division in Chicago), academic year beginning September 1, 1949, \$3400 (9-15-49).
- GAEBE, OLIVER F., Assistant Professor, Agricultural 4-H Club Work (E) ( $\frac{1}{4}$ ), eleven months beginning October 1, 1949, \$1350 a year, supersedes (8-12-49).
- GANNON, NORMAN, Special Research Assistant, Economic Entomology (C), and in Natural History Survey, three months beginning July 1, 1949, \$250 a month (8-10-49).
- GANZHORN, BETTY J., Psychometrist, and Assistant Counselor, Student Counseling Bureau (Undergraduate Division in Chicago), one year beginning September 1, 1949, \$3200 (9-15-49).
- GARD, LELAND E., First Assistant, Agricultural Research (S), August 1, 1949-August 31, 1950, \$4500 a year; also to be furnished with perquisites valued at \$300 a year (8-10-49).
- GEFHARDT, SARAH L., Instructor, Occupational Therapy (Physical Medicine) (Medicine), one year beginning September 1, 1949, \$3850, supersedes (9-15-49).
- GERDES, MARY S., Research Assistant, Economics (Graduate College), one year beginning July 1, 1949, \$2700, supersedes (8-10-49).
- GERSHBEIN, LEON L., Assistant Professor, Biological Chemistry (Clinical Science) (Medicine), one year beginning September 1, 1949, \$3600 (9-16-49).
- GHANAS, ELAINE M., Assistant, Chemistry (Pharmacy), nine months beginning October 1, 1949, \$260 a month (9-21-49).
- GIBSON, ROLAND, Assistant Professor, Economics, academic year beginning September 1, 1949, \$5000, supersedes (9-23-49).
- GIDDINGS, NORMAN C., Instructor, Spanish ( $\frac{1}{2}$ ), and Instructor, French ( $\frac{1}{2}$ ), academic year beginning September 1, 1949, \$3300 (9-20-49).
- GILKEY, HERBERT T., Special Research Assistant, Mechanical Engineering (C), one year beginning September 1, 1949, \$3000 (8-24-49).
- GILL, BILLIE R., Instructor, Education (University High School), academic year beginning September 1, 1949, \$3000, supersedes (8-22-49).
- GILLENWATER, VIRGIL W., Instructor, Education, and Counselor, University Council on Teacher Education ( $\frac{1}{2}$ ), academic year beginning September 1, 1949, \$1900, supersedes (8-17-49).
- GONDEK, FRANK R., Instructor, Medicine (Medicine) ( $\frac{1}{2}$ ), one year beginning September 1, 1949, \$2400 (8-24-49).
- GOODMAN, LAWRENCE E., Research Assistant Professor, Civil Engineering (Graduate College), two years beginning September 1, 1949, \$4800 a year (8-10-49).
- GRATZINGER, MAX, Instructor, Applied Materia Medica and Therapeutics (Dentistry) (3/10), one year beginning September 1, 1949, without salary (8-10-49).
- GREEN, MORRIS, Instructor, Pediatrics (Medicine), one year beginning September 1, 1949, \$3600 (8-22-49).
- GREEN, PAUL M., Professor, Management (Business Organization and Operation), indefinite tenure beginning September 1, 1949, to render service during two semesters of each academic year, \$8000 a year (8-10-49).
- GREENSPON, SEYMOUR A., Instructor, Clinical Pathology (Medicine), one year beginning September 1, 1949, \$3900 (8-17-49).
- GRIFFITH, G. L., Special Research Assistant, Physics (S), September 1, 1949-February 28, 1950, \$3240 a year (8-4-49).
- GRIMELLI, LUKE J., Assistant Physician, Health Service (Chicago Professional Colleges), one year beginning September 1, 1949, \$3000, supersedes (9-15-49).
- GROSS, DOROTHY, Assistant, English, September 16, 1949-January 31, 1950, \$1200 (9-23-49).

- GRUNDMAN, ROSE A., Instructor, Mathematics (Pharmacy), academic year beginning September 1, 1949, \$3600 (8-17-49).
- GUEVREKIAN, GABRIEL, Professor, Architecture, indefinite tenure beginning September 1, 1949, to render service during each academic year, \$6000 a year (7-30-49).
- GUSTAFSON, LEVARL M., Assistant, Psychology, nine months beginning September 16, 1949, \$2400 (8-3-49).
- HAAS, J. S., Assistant Professor, Ophthalmology (Medicine) ( $\frac{1}{2}$ ), one year beginning September 1, 1949, \$2900, supersedes (9-15-49).
- HAINES, ALEYNE C., Instructor, Education ( $\frac{1}{2}$ ), academic year beginning September 1, 1949, \$2000 (8-9-49).
- HARNACK, ROBERT E., First Assistant, Horticulture (S), one year beginning September 1, 1949, \$4000, supersedes (9-15-49).
- HARTLEY, THOMAS C., Assistant, General Engineering Drawing (C), nine months beginning September 16, 1949, \$3000 (9-15-49).
- HARWARD, THERON, Assistant, Naval Science, beginning August 5, 1949, and continuing until further notice, without salary (8-11-49).
- HAYS, RAY L., Instructor, Dairy Cattle Physiology (Dairy Science) (C & S), one year beginning September 1, 1949, \$4400 (8-17-49).
- HAYWARD, H. N., Associate Professor, Electrical Engineering, and Director of the Measurement Program (S) ( $\frac{1}{2}$ ), two months beginning June 16, 1949, \$634 (this is in addition to his previous appointment) (8-22-49).
- HEYMANN, HANS, Research Lecturer, Economics (Bureau of Economic and Business Research), two months beginning July 1, 1949, \$555.55 a month (7-26-49).
- HILDEBRANDT, VAUGHN D., Assistant Professor, Metallurgical Engineering (Mining and Metallurgical Engineering) (C), two years beginning September 1, 1949, to render service during each academic year, \$4200 a year (7-30-49).
- HILKER, GLORIA L. J., Assistant Professor, Hygiene, and Medical Advisor for Women (Undergraduate Division in Chicago) ( $\frac{1}{2}$ ), one year beginning September 1, 1949, \$3500 (8-17-49).
- HOGNESTAD, EIVIND, Special Research Associate, Theoretical and Applied Mechanics (S), one year beginning September 1, 1949, \$4200 (8-12-49).
- HOWARD, ANGELINE A., Instructor, Occupational Therapy (Physical Medicine) (Medicine), one year beginning September 1, 1949, \$3850, supersedes (9-15-49).
- HUDSON, ROBERT B., Associate Professor, Journalism ( $\frac{1}{2}$ ), and Director, University Broadcasting (Institute of Communications Research) ( $\frac{1}{2}$ ), October 15, 1949-August 31, 1950, \$700 a month (8-10-49).
- HUFFMAN, W. J., Instructor, Physical Education in Extension (Division of University Extension), academic year beginning September 1, 1949, \$4500, supersedes (8-19-49).
- HULET, RICHARD E., Assistant Dean of Men, one year beginning September 1, 1949, \$3400 (8-15-49).
- JAMIESON, JOHN R., JR., Research Assistant, Mechanical Engineering (S), August 1, 1949-August 31, 1950, \$3600 a year (7-26-49).
- JEFFRIES, JOHN U., Instructor, Electrical Engineering (C), academic year beginning September 1, 1949, \$3000 (8-4-49).
- JOHNS, DONALD C., Clinical Assistant, Pediatrics (Medicine), one year beginning July 1, 1949, without salary (8-19-49).
- JOHNS, WILLIAM D., JR., Special Research Assistant, Petrography (S), one year beginning September 1, 1949, \$3300 (9-14-49).
- JOHNSON, MRS. ANN T., Circulation Assistant, Department of Public Service (Library), one year beginning September 1, 1949, \$3300 (8-10-49).
- JOHNSTON, R. L., Extension Specialist, Division of University Extension, one year beginning September 1, 1949, \$4000 (9-10-49).
- JONES, GEORGE E., Assistant, English, nine months beginning September 16, 1949, \$2600 (8-10-49).
- JONES, T. S., Professor, Medical and Dental Illustration, and Head, Illustration Studios (Medicine), indefinite tenure beginning September 1, 1949, to render service during each academic year, \$10,000 a year (8-10-49).
- JORDAN, G. L., Agricultural Economics, Summer Session, 1949, June 17-July 16, 1949, \$760, supersedes (8-10-49).

- KAISER, GEORGE D., Instructor, Surgery ( $\frac{3}{4}$ ), and in Anatomy ( $\frac{1}{4}$ ) (Medicine), one year beginning September 1, 1949, \$3000, supersedes (8-17-49).
- KAMMLADE, WILLIAM G., Professor, Agricultural Extension (C), indefinite tenure, Associate Director, Extension Service in Agriculture and Home Economics, and State Leader of Farm Advisers (E), two years, beginning September 1, 1949, \$10,000 a year (7-28-49).
- KAUFMAN, IRVING, Instructor, Electrical Engineering (C), academic year beginning September 1, 1949, \$3000 (8-19-49).
- KELL, WALTER G., Instructor, Accountancy ( $\frac{1}{2}$ ), academic year beginning September 1, 1949, \$1700, supersedes (8-19-49).
- KENEIPP, VIRGINIA M., Assistant, Home Economics (C), one year beginning September 1, 1949, \$3200 (8-17-49).
- KISSELGOFF, AVRAM, Research Assistant, Bureau of Economic and Business Research, October 1, 1949-June 30, 1950, or until the termination of the Merrill Project, which ever is earlier, \$487.50 a month (9-21-49).
- KNIGHT, MRS. KATHERINE G., First Assistant, Home Economics (S), one year beginning September 1, 1949, \$4000 (8-17-49).
- KNUTI, L. L., Instructor, Agricultural Education ( $\frac{1}{2}$ ), and Counselor, University Council on Teacher Education ( $\frac{1}{2}$ ), academic year beginning September 1, 1949, \$4000 (8-17-49).
- KOBES, HERBERT R., Director, Division of Services for Crippled Children, two years beginning July 1, 1949, \$11,000 a year, supersedes (9-16-49).
- KOENIG, HERMAN E., Instructor, Electrical Engineering (C), academic year beginning September 1, 1949, \$3000 (8-4-49).
- KOKEN, JOHN C., Research Assistant, Mathematics, one year beginning September 1, 1949, \$3600 (9-23-49).
- KOTT, HARRIET, Assistant Professor, Hygiene, and Medical Adviser for Women, eleven months beginning October 1, 1949, \$6000 a year (8-12-49).
- KRASNO, LOUIS R., Assistant Professor, Clinical Science (Medicine), one year beginning September 1, 1949, without salary (9-16-49).
- KUBITSCHKE, H. E., Special Research Assistant, Physics (C), one year beginning September 1, 1949, \$3240 (8-19-49).
- LAMM, KENNETH L., Special Research Assistant, Mechanical Engineering (C), one year beginning September 1, 1949, \$3300, supersedes (8-19-49).
- LARSON, CARL M., Instructor, Economics, \$3800, and Staff Counselor, Student Counseling Bureau, on an overtime basis amounting to one-fourth time, \$500 (Undergraduate Division in Chicago), academic year beginning September 1, 1949, supersedes (8-19-49).
- LASHBROOK, AUSTIN M., Instructor, Education (University High School), academic year beginning September 1, 1949, \$3200 (8-15-49).
- LAVERY, HELEN, Research Associate, Bureau of Research and Service, five months beginning September 1, 1949, \$333.34 a month (9-14-49).
- LAWDER, HOMER L., Assistant Professor, Hygiene, and Assistant to the Health Officer, one year beginning September 1, 1949, \$7200 (8-19-49).
- LAWRENCE, N. M., Instructor, Philosophy, six months beginning February 1, 1950, to render service during the second semester of the academic year, \$329.16 a month, supersedes (8-10-49).
- LEASE, BENJAMIN, Assistant Professor, English, two years, to render service during each academic year, \$4700 a year, and Staff Counselor, Student Counseling Bureau, academic year, on an overtime basis amounting to one-fourth time, \$500 (Undergraduate Division in Chicago), beginning September 1, 1949, supersedes (8-19-49).
- LEDET, DAVID A., Instructor, Music, academic year beginning September 1, 1949, \$3500 (8-2-49).
- LENDRUM, J. T., Associate Professor, General Engineering Drawing, indefinite tenure, and Acting Director, Small Homes Council, one year, beginning September 1, 1949, \$7700 a year, supersedes (8-8-49).
- LE QUATTE, DOROTHY, Instructor, Education (University High School), academic year beginning September 1, 1949, \$3000 (8-3-49).
- LEVY, SAUL, Instructor, Applied Materia Medica and Therapeutics ( $\frac{2}{3}$ ), and Coordinator, Postgraduate Telephone Courses (27/100) (Dentistry), one year beginning September 1, 1949, \$3000, supersedes (9-21-49).

- LINFORD, MAURICE B., Professor, Plant Pathology (Horticulture) (C), indefinite tenure, to render service during each academic year, and in the Agricultural Experiment Station, indefinite tenure (Y basis), beginning September 1, 1949, \$8000 a year (7-18-49).
- LIS, EDWARD F., Instructor, Pediatrics (Medicine) ( $\frac{1}{2}$ ), one year beginning September 1, 1949, 1800 (8-19-49).
- LOOKER, JAMES H., Research Assistant, Chemistry, one year beginning September 1, 1949, \$3600 (8-15-49).
- LUNCHICK, MYRON E., Instructor, Theoretical and Applied Mechanics (C) ( $\frac{1}{2}$ ), academic year beginning September 1, 1949, \$1800 (9-15-49).
- LUSH, MARY E., Instructor, Home Economics (C), academic year beginning September 1, 1949, 3200 (8-10-49).
- MAAS, LeROY, Instructor, Oral Surgery (Rush) (Dentistry), one year beginning September 1, 1949, without salary (9-16-49).
- MAGEE, DONALD F., Research Associate, Clinical Science (Medicine), one year beginning September 1, 1949, \$3600, supersedes (9-15-49).
- MALIN, BERNARD, Research Assistant, Bacteriology (Graduate College), two months beginning July 1, 1949, \$216.66 a month (8-6-49).
- MARIENFELD, CARL J., Instructor, Pediatrics (Medicine) ( $\frac{1}{2}$ ), one year beginning September 1, 1949, \$1800, supersedes (8-19-49).
- MARKHART, ALBERT H., JR., Postdoctoral Research Assistant, Chemistry (Graduate College), September 8, 1949-June 30, 1950, \$3168.75 (9-15-49).
- MARTIN, MRS. MILLCENT V., Assistant, Home Economics (C), nine months beginning September 16, 1949, \$2400 (8-10-49).
- MASSIE, GLEN E., Assistant, Forestry (C), one year beginning September 1, 1949, \$3300 (9-15-49).
- MATHEWS, DONALD K., Instructor, Physical Education for Men, academic year beginning September 1, 1949, \$3700 (8-4-49).
- McCULLOCH, HUGH, Professorial Lecturer, Pediatrics (Medicine), July 1, 1949-August 31, 1950, without salary (8-19-49).
- McELROY, DONALD L., Instructor, Applied Materia Medica and Therapeutics (Dentistry) (3/10), one year beginning September 1, 1949, without salary (8-10-49).
- McGARRY, MRS. NANCY S., Clinical Counselor, Student Counseling Bureau, one year beginning September 1, 1949, \$3500, supersedes (9-10-49).
- MIDDLETON, WILLIAM H., Chief Resident and Clinical Teaching Assistant, Ophthalmology (Illinois Eye and Ear Infirmary) ( $\frac{1}{2}$ ), one year beginning September 1, 1949, \$1800 (9-21-49).
- MILLER, LOWELL S., Assistant, Zoology, nine months beginning September 16, 1949, \$2400 (8-3-49).
- MILLER, OSCAR, Instructor, Economics, \$4100, and Staff Counselor, Student Counseling Bureau, on an overtime basis amounting to one-fourth time, \$500 (Undergraduate Division in Chicago), academic year beginning September 1, 1949, supersedes (8-19-49).
- MOHR, MRS. ELIZABETH B., Research Assistant, Chemistry (Graduate College), July 1, 1949-March 15, 1950, \$2550 (7-26-49).
- MOORE, ASBURY C., JR., Assistant, Physical Education for Men, nine months beginning September 16, 1949, \$3100 (8-25-49).
- MOSIER, JACOB E., Assistant Professor, Veterinary Clinical Medicine (Veterinary Medicine), two years beginning September 1, 1949, \$5750 a year (8-10-49).
- MOYER, JOHN A., Clinical Assistant, Obstetrics and Gynecology (Medicine), one year beginning September 1, 1949, without salary (9-16-49).
- NAGEL, EDITH L., Assistant Professor, Social Welfare Administration, two years beginning September 1, 1949, to render service during two semesters of each academic year, \$4800 a year (8-12-49).
- NELSON, DOROTHY, Research Instructor, Clinical Science (Medicine), one year beginning July 1, 1949, \$3600 (8-27-49).
- NIELSON, PAUL E., Instructor, Psychiatry (Medicine), one year beginning September 1, 1949, \$4800 (8-17-49).
- ODELL, DOROTHY T., Assistant, English, nine months beginning September 16, 1949, \$2600 (8-22-49).



- OESTERLING, M. JANE, Research Assistant, Chemistry (Graduate College), one year beginning September 1, 1949, \$3800 (8-4-49).
- OGLESBY, EARL V., Assistant Professor, Naval Science, beginning August 20, 1949, and continuing until further notice, without salary (8-29-49).
- O'KONSKI, CLAIRE M., Assistant Extension Editor, and Assistant, Agricultural Extension (E), one year beginning September 1, 1949, \$3200 (8-17-49).
- ORMISTON, EMMETT E., Assistant Professor, Dairy Production (Dairy Science) (C & S), two years beginning September 1, 1949, \$5500 a year, supersedes (8-10-49).
- OSTERBERG, WESLEY, Assistant Professor, Psychology, academic year beginning September 1, 1949, \$4600 (7-30-49).
- OTTERTON, PEDER A., Assistant, Institute of Aviation, one year beginning September 1, 1949, \$3600 (9-10-49).
- PARRISH, W. M., Professor, Speech ( $\frac{1}{2}$ ), Summer Session, 1949, June 17-August 13, 1949, \$667, supersedes (8-10-49).
- PATTERSON, MRS. MILDRED, Economics, Summer Session, 1949, June 17-August 13, 1949, \$556 (8-3-49).
- PEARLMAN, BENJAMIN, Clinical Assistant Professor, Medicine (Medicine) (4/100), one year beginning September 1, 1949, \$175, supersedes (8-22-49).
- PEARLMAN, MAURICE, Instructor, Ophthalmology (Medicine) (85/100), one year beginning September 1, 1949, \$4400, supersedes (9-15-49).
- PELKA, FRANCIS X., Instructor, Crowns and Fixed Partial Dentures (Dentistry), one year beginning September 1, 1949, \$4000, supersedes (8-17-49).
- PETTICREW, GEORGE A., Special Research Associate, Electrical Engineering (C) ( $\frac{3}{4}$ ), one year beginning September 1, 1949, \$3900 (8-8-49).
- PETTINGA, PAUL S., Associate Professor, Music ( $\frac{3}{4}$ ), indefinite tenure, and Counselor, Student Counseling Bureau ( $\frac{1}{4}$ ), one year, beginning September 1, 1949, to render service during each academic year, \$5200 a year, supersedes (9-10-49).
- PHENEY, GAIL, Research Assistant, Psychology (Graduate College), one year beginning September 1, 1949, \$3200 (8-17-49).
- PHILPOTT, DELBERT E., Research Associate, Physiology (Medicine), one year beginning September 1, 1949, \$3600, supersedes (8-22-49).
- PLOUFFE, JOHN B., Assistant, English, nine months beginning September 16, 1949, \$2500 (9-10-49).
- POCZATEK, JOE J., Assistant, Theoretical and Applied Mechanics (C), nine months beginning September 16, 1949, \$2700 (8-17-49).
- POMEROY, ORVILLE R., Instructor, Electrical Engineering (C), academic year beginning September 1, 1949, \$3000 (8-4-49).
- POPELKA, BLANCHE M., Assistant, Occupational Therapy (Physical Medicine) (Medicine), one year beginning September 1, 1949, \$3300, supersedes (9-15-49).
- PRICE, PAUL W., Assistant, Music, nine months beginning September 16, 1949, \$2400 (8-22-49).
- PRIER, JAMES E., Instructor, Veterinary Pathology and Hygiene (Veterinary Medicine), and in the Agricultural Experiment Station, one year beginning September 1, 1949, \$4500, supersedes (9-8-49).
- PURNELL, WILLIAM F., Assistant Professor, Agronomy Extension, and Assistant Extension Soil Conservationist (Agronomy) (E) (51/100), two months beginning July 1, 1949, \$2550 a year; in addition to \$2450 a year paid by the State Soil Conservation Districts Board, for which the University assumes no responsibility, supersedes (8-10-49).
- PUTNIK, EDWIN V., Instructor, Music, academic year beginning September 1, 1949, \$3500 (8-3-49).
- RANZ, JAMES, Cataloger, rank of Instructor, Library, one year beginning September 1, 1949, \$3600, supersedes (8-25-49).
- RECORDS, JOHN K., Special Research Associate, Electrical Engineering (C) ( $\frac{3}{4}$ ), one year beginning September 1, 1949, \$3900 (8-8-49).
- REED, CHARLES A., Assistant Professor, Zoology (Pharmacy), two years beginning September 1, 1949, to render service during each academic year, \$4550 a year (9-15-49).
- REED, MARGARET A., Research Associate, Home Economics (S), September 15, 1949-August 31, 1950, \$3600 a year (8-10-49).

- REED, MARIE J., Instructor, Occupational Therapy (Physical Medicine) (Medicine), one year beginning September 1, 1949, \$3600 (8-27-49).
- REFSUM, SIGVALD B., Professorial Lecturer, Psychiatry (Medicine), one year beginning October 1, 1949, \$8004 (9-21-49).
- REITZE, ALBERTA E., Instructor, Home Economics (C), academic year beginning September 1, 1949, \$4000 (8-15-49).
- REUTER, EDWARD R., Assistant, Physical Education for Men ( $\frac{3}{4}$ ), nine months beginning September 16, 1949, \$2700; in addition to \$800 paid by the Athletic Association, for which the University assumes no responsibility (8-19-49).
- REZEK, GEORGE H., Clinical Assistant Professor, Obstetrics and Gynecology (Medicine), one year beginning September 1, 1949, without salary, supersedes (9-16-49).
- RICHARDS, CLAIRE L., Assistant Professor, Music ( $\frac{3}{4}$ ), two years beginning September 1, 1949, to render service during each academic year, \$2667 a year (8-2-49).
- RICHARDS, MAX D., Instructor, Management (Business Organization and Operation), academic year beginning September 1, 1949, \$3600 (8-25-49).
- ROBERTS, CARLETON W., Postdoctoral Research Assistant, Chemistry (Graduate College), nine months beginning October 1, 1949, \$2925 (9-10-49).
- ROHLING, MARY L., Personnel Technician, Student Counseling Bureau, one year beginning September 1, 1949, \$2800 (8-15-49).
- ROSS, EDWARD A., Psychology ( $\frac{1}{8}$ ), Summer Session, 1949, June 17-August 13, 1949, \$362 (9-15-49).
- ROUFFA, A. S., Assistant Professor, Biological Sciences (Undergraduate Division in Chicago), academic year beginning September 1, 1949, \$4500 (8-22-49).
- SAGONA, FRANK M., Instructor, Pharmacy (Pharmacy), academic year beginning September 1, 1949, \$3900, supersedes (9-22-49).
- SCHEICK, WILLIAM H., Professor, Architecture, indefinite tenure, and Director, Small Homes Council, two months beginning July 1, 1949, \$10,000 a year, supersedes (8-10-49).
- SCHERMEISTER, L. J., Instructor, Botany and Pharmacognosy (Pharmacy) ( $\frac{1}{2}$ ), academic year beginning September 1, 1949, \$1750, supersedes (8-24-49).
- SCHMIDT, MRS. HELEN B., Acquisition Librarian, rank of Instructor, Library (Undergraduate Division in Chicago), one year beginning September 1, 1949, \$4000 (8-10-49).
- SCHMITT, RUTH, Assistant, English, nine months beginning September 16, 1949, \$2400 (8-10-49).
- SCHMITTLE, SAMUEL C., Instructor, Veterinary Pathology and Hygiene (Veterinary Medicine), and Instructor, Veterinary Research (S), July 1, 1949-June 30, 1950, \$4500, on leave of absence, on one-half time, without salary, supersedes (9-14-49).
- SCHNEIDER, SOPHIA, Electroencephalographer, Psychiatry (Medicine), one year beginning September 1, 1949, \$3300 (9-21-49).
- SCHUETZ, WARREN H., Instructor, Education (University High School), academic year beginning September 1, 1949, \$3720 (8-4-49).
- SELZ, PETER H., Instructor, Art (Undergraduate Division in Chicago) ( $\frac{1}{3}$ ), academic year beginning September 1, 1949, \$1500, supersedes (8-17-49).
- SHIDELER, ERNEST H., Associate Professor, Sociology, indefinite tenure beginning September 1, 1949, to render service during each academic year, \$6000 a year (8-19-49).
- SIBONS, GEORGE D., Assistant, Physical Education for Men, nine months beginning September 16, 1949, \$3200 (8-2-49).
- SIMPSON, MRS. ELAINE C., Assistant Reference Librarian, rank of Instructor, Library (Undergraduate Division in Chicago), one year beginning September 1, 1949, \$3600 (8-10-49).
- SMITH, JANICE M., Professor, Nutrition (Home Economics) (C & S) ( $\frac{1}{4}$ ), indefinite tenure, to render service during two semesters of each academic year, and Acting Head, Department of Home Economics (C & S) ( $\frac{1}{4}$ ), one year (Y basis), beginning September 1, 1949, \$8000 a year (7-28-49).
- SNADER, D. W., Professor, Education, indefinite tenure beginning September 1, 1949, to render service during each academic year, \$7000 a year (9-10-49).

- SONNENSCHNEIN, RALPH, Research Assistant, Psychiatry (Medicine), one year beginning September 1, 1949, \$4000 (8-17-49).
- SPAETH, ELIZABETH L., Assistant, Bacteriology (Medicine), nine months beginning September 16, 1949, \$3000 (9-21-49).
- STAMPS, FREDERICK W., Research Associate, Psychiatry (Medicine), one year beginning September 1, 1949, \$10,000 (8-25-49).
- STANEK, FLOYD J., Instructor, Theoretical and Applied Mechanics (C), academic year beginning September 1, 1949, \$3000 (8-25-49).
- STAUGAS, LEONARD W., Research Assistant, Institute of Labor and Industrial Relations, one year beginning September 1, 1949, \$3000 (8-10-49).
- STEINER, GILBERT Y., Research Assistant, Institute of Labor and Industrial Relations, one year beginning September 1, 1949, \$3330 (8-25-49).
- STILLERMAN, MANUEL L., Instructor, Ophthalmology (Medicine) ( $\frac{1}{2}$ ), one year beginning September 1, 1949, \$2800 (9-15-49).
- STIPPES, MARVIN C., Assistant Professor, Theoretical and Applied Mechanics (C), two years beginning September 1, 1949, to render service during two semesters of each academic year, \$4800 a year (8-10-49).
- STONE, CLARENCE W., Assistant Professor, Library Science, two years beginning September 1, 1949, to render service during each academic year, \$4500 a year (8-19-49).
- STONE, P. I., Mechanical Engineering ( $\frac{2}{3}$ ), Summer Session, 1949, June 17-August 13, 1949, \$445 (8-6-49).
- SULLIVAN, BERNADETTE M., Assistant Catalog Librarian, rank of Assistant (Undergraduate Division in Chicago), September 6, 1949-August 31, 1950, \$3000 a year (9-15-49).
- SUSSMAN, RAQUEL B., Research Assistant, Bacteriology (Graduate College), two months beginning July 1, 1949, \$216.66 a month (8-17-49).
- SUTTER, NANCY A., Instructor, Psychology, and Assistant Counselor, Student Counseling Bureau (Undergraduate Division in Chicago), one year beginning September 1, 1949, \$3600 (8-19-49).
- SUTTON, JOE C., Instructor, Journalism, academic year beginning September 1, 1949, \$4200 (8-19-49).
- TAYLOR, DONALD E., Special Research Assistant, Mechanical Engineering (S), four months beginning September 1, 1949, \$250 a month (9-20-49).
- TAYLOR, MRS. SADIE W., Assistant, Animal Nutrition (Animal Science), (S), one year beginning September 1, 1949, \$3200 (8-2-49).
- TERRY, ELLEN A., Counselor, University Council on Teacher Education ( $\frac{1}{3}$ ), nine months beginning September 16, 1949, \$1200 (8-18-49).
- THOMAS, GLYN N., Instructor, English, academic year beginning September 1, 1949, \$3300 (8-17-49).
- THOMPSON, R. H., Instructor, Education ( $\frac{1}{2}$ ), academic year beginning September 1, 1949, \$1600 (8-17-49).
- THOMPSON, W. N., Assistant Professor, Speech (Humanities) (Undergraduate Division in Chicago), two years beginning September 1, 1949, to render service during each academic year, \$5500 a year, supersedes (8-22-49).
- TITLEY, RICHARD J., Adjutant, Military Department, August 1, 1949-August 31, 1950, \$50 a month (8-10-49).
- TOMLINSON, ALFRED E., Instructor, Journalism, academic year beginning September 1, 1949, \$3800 (8-19-49).
- TOMLINSON, MRS. MARY E., Catalog Librarian, rank of Instructor, Library (Undergraduate Division in Chicago), one year beginning September 1, 1949, \$3800 (8-10-49).
- TONKIN, WILLIAM M., Counselor, Division of Special Services for War Veterans ( $\frac{1}{2}$ ), one year beginning September 1, 1949, \$1400 (9-15-49).
- TOPP, R. F., Assistant Professor, Education, and Assistant Director, Teacher Education, one year beginning September 1, 1949, \$5100 (9-9-49).
- TORDA, PAUL, Associate Professor, Aeronautical Engineering (C), indefinite tenure beginning September 1, 1949, to render service during each academic year, \$5500 a year (8-19-49).
- VAL DEZ, MABEL A., Assistant, Occupational Therapy (Physical Medicine) (Medicine), one year beginning September 1, 1949, \$3300, supersedes (9-15-49).

- VANDE BUNT, CAROL J., Personnel Technician, Student Counseling Bureau (Undergraduate Division in Chicago), one year beginning September 1, 1949, \$2800 (8-22-49).
- VENEMA, HARRY J., Special Research Assistant, Electrical Engineering (C), one year beginning September 1, 1949, \$4600 (8-8-49).
- VERMEULEN, CORNELIUS W., Associate Professor, Surgery (Medicine) ( $\frac{3}{4}$ ), indefinite tenure beginning September 1, 1949, \$4600 a year, supersedes (8-17-49).
- VIETZEN, ROSE, Assistant Catalog Librarian, rank of Assistant (Undergraduate Division in Chicago), September 12, 1949-August 31, 1950, \$3000 a year (9-15-49).
- WALKER, J. ROBERT, Assistant Extension Editor, and Assistant Professor, Agricultural Extension (E), six months beginning September 1, 1949, \$4810 a year (8-2-49).
- WALLING, MARY L., Research Assistant, Bureau of Economic and Business Research, one year beginning September 1, 1949, \$2700 (8-25-49).
- WALTER, CHARLES R., Jr., Research Assistant, Chemistry, one year beginning September 1, 1949, \$3600 (8-2-49).
- WANKEL, RONALD A., Research Assistant, Chemistry, one year beginning September 1, 1949, \$3600 (8-2-49).
- WEAVER, MARGARET E., Instructor, Philosophy, five months beginning September 1, 1949, \$1600 (9-21-49).
- WEBER, J. A., First Assistant, Agricultural Engineering (S), one year beginning September 1, 1949, \$4500, supersedes (8-19-49).
- WILLIAMS, A. C., JR., Research Associate Professor, Psychology, indefinite tenure beginning September 1, 1949, \$7500 a year, supersedes (8-12-49).
- WISCHNER, GEORGE J., Assistant Professor, Speech ( $\frac{3}{4}$ ), and Psychology ( $\frac{1}{4}$ ), academic year beginning September 1, 1949, \$4800 (8-10-49).
- WOHLER, WILMA, Instructor, Education (University High School), academic year beginning September 1, 1949, \$3200 (9-14-49).
- WOLFF, ROBERT W., Research Assistant, Bureau of Economic and Business Research, one year beginning September 1, 1949, \$3000 (8-26-49).
- WOOD, MRS. CORDILL H., Clinical Psychotherapist, and Instructor, Mental Hygiene (Health Service), one year beginning September 1, 1949, \$4000 (9-9-49).
- WOODMAN, E. M., Assistant Professor, Education, two years beginning September 1, 1949, to render service during two semesters of each academic year, \$4500 a year (8-10-49).
- WUERKER, RUDOLPH G., Assistant Professor, Mining Engineering (Mining and Metallurgical Engineering) (C), academic year beginning September 1, 1949, \$4800 (9-10-49).
- ZAHORSKY, MRS. METTA M., Instructor, Home Economics Education ( $\frac{1}{2}$ ), academic year beginning September 1, 1949, \$1930 (8-17-49).
- ZIELESCH, MARGUERITE R., Instructor, Physics (Pharmacy), academic year beginning September 1, 1949, \$3900 (8-17-49).
- ZIVIN, SIMON, Clinical Assistant, Medicine (Medicine), June 23, 1949-August 31, 1950, without salary (8-10-49).

#### GRADUATE FELLOWS

(The following appointments were made by the President of the University on the dates indicated in parenthesis.)

- BHASKAR, SURINDAR N., United States Public Health Service Research Fellow, Histology (Dentistry), eleven months beginning October 1, 1949, \$300 a month, supersedes (9-21-49).
- BLICKENSTAFF, DELBERT, Research Fellow, Clinical Science (Medicine), one year beginning September 1, 1949, \$1800 (9-16-49).
- BLOSSER, LLOYD G., Ethyl Corporation Fellow, Chemical Engineering, nine months beginning September 16, 1949, \$1200 (8-1-49).
- BURNS, RICHARD O., JR., Research Fellow, Physiology (Medicine), two months beginning July 1, 1949, \$166.66 a month (8-10-49).
- CARNAHAN, ROBERT E., Minnesota Mining and Manufacturing Company Fellow, Chemistry, nine months beginning September 16, 1949, \$1200 (8-1-49).

- CAZORT, RALPH J., E. R. Squibb and Sons Research Fellow, Pharmacology (Medicine), ten months beginning September 1, 1949, \$1200 (9-16-49).
- CHANG, HSIOH-TEH, Fellow, Medicine (Medicine), one year beginning September 1, 1949, \$1800 (9-6-49).
- DENTON, ROBERT W., National Cancer Institute Research Fellow, Clinical Science (Medicine), one year beginning September 1, 1949, \$1800 (9-16-49).
- FOX, JOAN, United States Public Health Service Fellow, Psychology (Psychiatry) (Medicine), one year beginning July 1, 1949, \$2000 (8-10-49).
- GILL, KATHARINE T., Fellow, English, nine months beginning September 16, 1949, \$425 first semester, and \$500 second semester, supersedes (8-12-49).
- GRUBGELD, LESTER E., Lakeland Foundation Research Fellow, Clinical Science (Medicine), August 1, 1949-August 31, 1950, \$150 a month (9-16-49).
- JUSTER, RUBIN J., United States Public Health Service Research Fellow, Physiology (Medicine), six months beginning July 1, 1949, \$750 (8-10-49).
- KAMMLADE, WILLIAM G., JR., Wright Fellow, Animal Science, nine months beginning September 16, 1949, \$850 (8-29-49).
- KIM, KWANG-SUH, G. D. Searle Research Fellow, Clinical Science (Medicine), one year beginning September 1, 1949, \$1800 (9-16-49).
- KNAKE, ELLERY L., Wright Fellow, Agronomy, nine months beginning September 16, 1949, \$700 (8-11-49).
- KYLE, ROBERT H., Research Fellow, Medicine (Medicine), August 9-December 31, 1949, without salary (9-21-49).
- LANE, ARDELLE, National Cancer Institute Research Fellow, Clinical Science (Medicine), one year beginning September 1, 1949, \$1800 (9-16-49).
- LE BEAU, LEON, Bowman Research Fellow, Bacteriology (Medicine), one year beginning September 1, 1949, \$1800 (9-15-49).
- LITTMAN, ARMAND, G. D. Searle Research Fellow, Clinical Science (Medicine), one year beginning September 1, 1949, \$1200 (9-16-49).
- MARSHALL, JOHN M., JR., Bristol Laboratories Research Fellow, Pathology (Medicine), one year beginning September 1, 1949, \$1800 (8-17-49).
- MILLEN, HUGH M., National Institute of Health Research Fellow, Clinical Science (Medicine), one month beginning September 1, 1949, \$60 (9-16-49).
- MOON, PYUNG K., Research Fellow, Clinical Science (Medicine), one year beginning July 1, 1949, without salary (8-19-49).
- POLLI, JOHN F., Research Fellow, Division of Toxicology (Medicine), one year beginning September 1, 1949, \$1800 (9-21-49).
- RIENER, EDWARD F. C., Fellow, Chemistry, nine months beginning September 16, 1949, \$925, supersedes (8-9-49).
- ROESER, ERWIN H., Research Fellow, Surgery (Medicine), one year beginning July 1, 1949, \$1700 (8-10-49).
- SHARE, ISAAH A., Research Fellow, Clinical Science (Medicine), one year beginning August 1, 1949, \$1200 (8-17-49).
- SIMINOFF, PAUL, Wright Fellow, Agronomy, nine months beginning September 16, 1949, \$850 (8-11-49).
- WANG, C. C., Viobin Corporation Research Fellow, Clinical Science (Medicine), one year beginning September 1, 1949, \$1800 (9-16-49).
- WANG, TAI K., Eli Lilly and Company Research Fellow, Bacteriology (Medicine), six months beginning July 1, 1949, \$900 (8-10-49).
- YEN, ANDREW T., Special Postdoctoral Fellow, Ceramic Engineering, five months beginning September 1, 1949, \$1500 (9-14-49).

#### RESIGNATIONS, DECLINATIONS, AND CANCELLATIONS

- ANTIA, F. P. National Institute of Health Research Fellow, Clinical Sciences (Medicine) — resignation effective 6-1-49.
- ARNOLD, D. W., Extension Specialist, Division of University Extension — declination effective 9-1-49.
- ATKINS, J. E., Instructor, Pediatrics (Medicine) — declination effective 9-1-49.
- BENOTT, MRS. MARGIE C. T., Instructor, Art (Undergraduate Division in Chicago) — resignation effective 6-20-49.
- BENTON, B. E., Professor, Manufacturing Pharmacy (Hospital Pharmacy) (Pharmacy) — declination effective 9-1-49.

- BOURQUE, J. E., Assistant Professor, Physiology (Medicine) — declination effective 9-1-49.
- BOWER, MRS. ANCILLA T., Circulation Assistant, Library — declination effective 9-1-49.
- BRANDT, MRS. HELGA, Fellow, Psychiatry (Medicine) — resignation effective 8-31-49.
- BROHM, HENRY D., Lecturer, Management (Business Organization and Operation) (Business Management Service) — resignation effective 8-31-49.
- BROOKS, MARGARET, Instructor, Hygiene, Medical Adviser for Women (Undergraduate Division in Galesburg) — resignation effective 7-30-49.
- BROWN, LELAND, Instructor, Business English — resignation effective 9-1-49.
- BURG, MRS. SALLY T., Periodical Assistant, Library — declination effective 9-1-49.
- CARNAHAN, ROBERT E., Fellow, Chemistry — resignation effective 7-24-49.
- CHAPLIN, CARL EDWARD, First Assistant, Horticulture Research (S) — resignation effective 8-31-49.
- CHRISTIAN, WILLIAM A., Clinical Instructor, Medicine (Medicine) — resignation effective 8-31-49.
- COE, GEORGE C., Clinical Associate, Medicine (Medicine) — resignation effective 6-6-49.
- COLLINS, EUNICE, Journalism, Summer Session, 1949 — cancellation effective 6-17-49.
- COOPER, THOMAS H., Adjutant, Military — resignation effective 8-1-49.
- DIXON, W. R., Assistant Professor, Education — declination effective 9-1-49.
- DUKE, W. R., General Engineering Drawing, Summer Session, 1949 — cancellation effective 6-17-49.
- FITCH, R. F., Assistant Professor, Hygiene, Medical Adviser for Men — declination effective 9-1-49.
- FOOTE, E. J., Assistant Professor, Naval Science — cancellation effective 9-1-49.
- FUCHS, LADISLAS, Research Instructor, Mathematics (Graduate College) — declination effective 9-1-49.
- GARDNER, K. E., Dairy Production, Summer Session, 1949 — cancellation effective 6-17-49.
- GARLICK, BETTY JEAN, Instructor, Home Economics (C) — resignation effective 9-1-49.
- GARRISON, DOROTHA, Assistant, Geography — resignation effective 9-16-49.
- GERSH, ISIDORE, Associate Professor, Pathology (Medicine) — resignation effective 8-1-49.
- GILBERT, H. W., Associate Professor, Horticulture (E) — declination effective 9-1-49.
- GILLILAN, LOIS A., Assistant Professor, Hygiene, Medical Adviser for Women — declination effective 9-1-49.
- GILSTRAP, ZANE F., Assistant, English — declination effective 9-16-49.
- GLUM, D. E., Instructor, Electrical Engineering (C) — declination effective 9-1-49.
- GOODNER, MRS. MILDRED W., Assistant, English, Counselor, Student Counseling Bureau — resignation effective 8-15-49.
- GOVINDACHARI, T. R., Research Assistant, Chemistry — resignation effective 9-1-49.
- GRABER, MARVIN B., Assistant, Chemistry (Pharmacy) — resignation effective 9-1-49.
- GRAMS, L. R., Clinical Instructor, Pathology (Medicine) — declination effective 9-1-49.
- GRANBERG, C. B., Instructor, Manufacturing Pharmacy (Pharmacy) (Hospital Pharmacy) — declination effective 9-1-49.
- GRIMSHAW, AUSTIN, Professor, Management (Business Organization and Operation) — resignation effective 9-1-49.
- GWINN, KATHRYN M., Director, Welfare for Married Veterans (Division of Special Services for War Veterans) — resignation effective 9-1-49.
- GYARFAS, KALMAN, Assistant Professor, Psychiatry (Medicine) — resignation effective 7-31-49.
- HARDY, R. A., Research Assistant, Chemistry — resignation effective 9-1-49.
- HARMS, ALFRED G., Fellow, Agricultural Economics — resignation effective 8-10-49.

- HENNEMAN, ELWOOD, Research Assistant, Psychiatry (Medicine) — resignation effective 7-31-49.
- HERNECHECK, L. G., Superintendent, Buildings and Grounds (Undergraduate Division in Galesburg) — resignation effective 6-30-49.
- HODGES, N. D., Assistant Legal Counsel — declination effective 9-1-49.
- HOPKINS, THOMAS P., Assistant, English — resignation effective 9-16-49.
- JACKSON, MRS. FRANCES P., Acquisition Assistant, Library — resignation effective 8-12-49.
- JENKINS, R. L., Psychiatrist, Health Service — declination effective 9-1-49.
- JULIAN, R. S., Research Assistant Professor, Electrical Engineering (Graduate College) — declination effective 9-1-49.
- KELL, W. G., Instructor, Accountancy — declination effective 9-1-49.
- KENNEDY, R. E., Instructor, Ophthalmology (Medicine) — resignation effective 9-1-49.
- KIMPEL, R. F., Special Research Associate, Ceramic Engineering (S) — declination effective 9-1-49.
- KIMURA, K. K., Roche Research Fellow, Pharmacology (Medicine) — resignation effective 8-1-49.
- KOCH, H. W., Research Assistant Professor, Physics (C) — declination effective 9-1-49.
- KOENIG, MRS. NORMA E., Instructor, English (Undergraduate Division in Chicago) — resignation effective 9-1-49.
- KOEPPE, ROGER E., Fellow, Chemistry — resignation effective 7-7-49.
- KRAMER, MAX, Instructor, Mathematics — resignation effective 9-1-49.
- KUHLMAN, A. F., Assistant Professor, Dairy Production (Dairy Science) (C & S) — declination effective 9-1-49.
- KWICINSKI, W. J., Instructor, Full and Removable Partial Dentures (Dentistry) — declination effective 9-1-49.
- LANPHER, EDWARD H., Bristol Fellow, Pharmacology, (Medicine) — resignation effective 6-30-49.
- LAW, R. W., JR., Instructor, Full and Removable Partial Dentures (Dentistry) — declination effective 9-1-49.
- LAWDER, HOMER LEE, Assistant Professor, Hygiene, Assistant to the Health Officer, Health Service — resignation effective 9-1-49.
- LAWRENCE, N. M., Instructor, Philosophy — resignation effective 8-31-49.
- LO, A. W., Special Research Associate, Electrical Engineering (S) — declination effective 9-1-49.
- LUCK, D. J., Associate Professor, Marketing (Business Organization and Operation), Research Associate Professor, Marketing (Bureau of Economic and Business Research) — declination effective 9-1-49.
- MAGILL, L. M., Assistant, English, Counselor, Student Counseling Bureau — declination effective 9-16-49.
- MAIN, MARJORIE, Social Welfare Administration, Summer Session, 1949 — cancellation effective 6-17-49.
- MARMEL, MRS. BLOSSOM A., Research Assistant, Institute of Communications — declination effective 9-16-49.
- MARSHALL, JOHN M., JR., Markle Foundation Research Fellow, Physiology (Medicine) — cancellation effective 9-1-49.
- MCDONALD, R. N., Assistant Professor, Mechanical Engineering (C) — declination effective 9-1-49.
- MEUTSCH, CHARLOTTE M., Assistant, Dairy Technology (Food Technology) (S) — declination effective 9-1-49.
- MEYERHOF, W. E., Assistant Professor, Physics (C) — declination effective 9-1-49.
- MEYERS, H. F., Instructor, Veterinary Pathology and Hygiene (Veterinary Medicine) — declination effective 9-1-49.
- MICHAEL, ELLEN LOUISE, Assistant, Veterinary Pathology and Hygiene (Veterinary Medicine) — resignation effective 7-3-49.
- MILES, J. C., Mechanical Engineering, Summer Session, 1949 — cancellation effective 6-17-49.
- MILLER, NANCY JOAN, Assistant Extension Editor and Assistant, Agricultural Extension (E) — resignation effective 6-22-49.
- MILLER, SONIA, Assistant, English — declination effective 9-16-49.

- MINOR, GEORGE R., Assistant Professor, Surgery (Medicine) — resignation effective 7-27-49.
- MITCHELL, W. I., Instructor, Theoretical and Applied Mechanics (C) — declination effective 9-1-49.
- MONETTE, JEAN-PAUL, Research Fellow, Orthodontia (Dentistry) — declination effective 7-1-49.
- MOORE, R. H., Instructor, English — resignation effective 8-31-49.
- MULLEN, HARVEY, Instructor, General Engineering Drawing (C) — declination effective 9-1-49.
- MURPHY, W. G., Instructor, Theoretical and Applied Mechanics (C) — declination effective 9-1-49.
- MYERS, J. J., Special Research Associate, Electrical Engineering (S) — declination effective 9-1-49.
- NELSON, D. E., Special Research Associate, Electrical Engineering (S) — declination effective 9-1-49.
- NELSON, RAYMOND H., Research Assistant, Psychiatry (Medicine) — resignation effective 6-30-49.
- NEWBOULD, E. J., Assistant Professor, Naval Science — cancellation effective 9-1-49.
- NEWTON, MRS. WINIFRED C., Assistant, Veterinary Physiology and Pharmacology (Veterinary Medicine) — declination effective 9-1-49.
- NYMAN, CLIFFORD O., Upjohn Company Fellow, Chemistry — resignation effective 7-1-49.
- ORMISTON, E. E., Dairy Production, Summer Session, 1949 — cancellation effective 6-17-49.
- ORPHAN, C. D., Counselor, Division of Special Services for War Veterans — declination effective 9-1-49.
- ORUM, C. A., Flight Instructor, Institute of Aviation — declination effective 9-1-49.
- PARKER, R. W., Assistant Professor, Naval Science — cancellation effective 9-1-49.
- PASKUS, VINCENT J., Assistant, Naval Science — cancellation effective 8-1-49.
- PETERS, RUTH M., Instructor, Home Economics Education (University High School) — declination effective 9-1-49.
- PINHASIK, ANN, Assistant Catalog Librarian, rank of Instructor (Undergraduate Division in Chicago) — resignation effective 8-8-49.
- POGUE, E. G., Instructor, Education, Assistant Director, Teacher Education — declination effective 9-1-49.
- POMEROY, Orville R., Instructor, Electrical Engineering (C) — resignation effective 9-1-49.
- PRESLEY, SOPHIE J., Research Assistant, Medicine (Medicine) — resignation effective 7-1-49.
- PROEHL, C. W., Instructor, Education — declination effective 9-1-49.
- PRUITT, ANNIE L., Assistant Professor, Social Welfare Administration — declination effective 9-1-49.
- QUINN, MARIAN O., Instructor, Education — declination effective 9-1-49.
- RABIN, RUDOLPH, Instructor, Physical Sciences (Undergraduate Division in Chicago) — resignation effective 8-31-49.
- RAGAN, E. H., Assistant Professor, Crowns and Fixed Partial Dentures (Dentistry) — declination effective 9-1-49.
- RIEMER, R. V., Instructor, Crowns and Fixed Partial Dentures (Dentistry) — declination effective 9-1-49.
- ROGERS, PATTI E., Catalog Librarian, rank of Instructor (Undergraduate Division in Chicago) — resignation effective 9-1-49.
- SALOGGA, F. W., Associate Professor, Architecture — declination effective 9-1-49.
- SAMUEL, ARTHUR L., Professor, Electrical Engineering (C) — resignation effective 9-1-49.
- SCHNEIDER, HORST G., Upjohn Fellow, Chemistry — resignation effective 9-1-49.
- SCHRAUDENBACH, MAVIS H., Medical Adviser for Women, Assistant Professor, Hygiene — resignation effective 9-1-49.
- SCHWAB, JOHN J., Fellow, Medicine — resignation effective 7-1-49.
- SEARLES, SCOTT, JR., Instructor, Chemistry — declination effective 9-1-49.



- SHUTT, DAROLD L., Assistant Dean of Men — resignation effective 8-31-49.  
 SILVER, R. J., Head Counselor, Rink Hall — resignation effective 9-1-49.  
 SOBOROFF, BURTON J., Clinical Assistant, Otolaryngology (Medicine) — resignation effective 7-1-49.  
 STEINMEYER, H. P., Assistant Professor, Pathology, Oral Pathology (Dentistry) — declination effective 9-1-49.  
 STEVENSON, MARY M., Assistant, English — declination effective 9-16-49.  
 STEVENSON, W. N., Assistant, Farm Management (Agricultural Economics) (S) — declination effective 9-1-49.  
 SUNDEEN, R. A., Assistant Professor, Hygiene, Medical Adviser for Men — declination effective 9-1-49.  
 SUNDGAARD, ARNOLD, Associate Professor, Speech — resignation effective 7-31-49.  
 TENER, ROBERT L., Assistant, English — resignation effective 9-16-49.  
 TRACY, P. H., Food Technology, Summer Session, 1949 — cancellation effective 6-17-49.  
 TUCKEY, S. L., Food Technology, Summer Session, 1949 — cancellation effective 6-17-49.  
 WALTER, O. M., Instructor, Speech — declination effective 9-1-49.  
 WEINBERG, JACK, U. S. Public Health Service Research Fellow, Orthodontia (Dentistry) — cancellation effective 9-1-49.  
 WHIKE, LOIS ANNE, Research Assistant, Institute of Labor and Industrial Relations — resignation effective 9-1-49.  
 WILK, HOWARD, Assistant Professor, Hygiene, Medical Adviser for Men — resignation effective 9-1-49.  
 WILLS, MRS. CONSTANCE W., Research Assistant, Division of Courses and Curricula (Provost's Office) — resignation effective 9-1-49.  
 WILSON, F. M., Instructor, Ophthalmology (Medicine) — resignation effective 9-1-49.  
 WILSON, JOHN S., Olin Industries, Incorporated, Fellow, Chemistry — resignation effective 9-16-49.  
 WILSON, MARGARET L., Fellow, Education — resignation effective 7-1-49.  
 WOCHNER, R. E., Assistant Professor, Bureau of Research and Service (Education) — declination effective 9-1-49.  
 WOODSON, BETTY J., Research Assistant, Medicine (Medicine) — resignation effective 8-25-49.  
 WRIGHT, HARRIET JOAN, First Assistant, Home Economics (S) — resignation effective 9-1-49.  
 WROTEN, HELEN I., Assistant, English — declination effective 9-16-49.  
 WUNDER, F. R., Instructor, Mechanical Engineering (C) — declination effective 9-1-49.

#### LEAVES OF ABSENCE

- BECKER, ELMER L., Assistant Professor, Biological Chemistry (Medicine) — leave of absence, without salary, September 1, 1949-August 31, 1950.  
 ELLINGSON, ANITA M., Instructor, Applied Materia Medica and Therapeutics (Dentistry) — leave of absence, without salary, October 1, 1949-September 30, 1950.  
 HARRELL, T. W., Associate Professor, Psychology — leave of absence, without salary, September 1, 1949-August 31, 1950.  
 KELSO, RUTH, Assistant Professor, English — leave of absence, without salary, September 1, 1949-February 28, 1950.

#### DEGREES CONFERRED AUGUST 14, 1949

##### Summary

##### Degrees in the Graduate College:

Master of Education.....	6
Master of Social Work.....	3
Master of Arts.....	133
Master of Science.....	302
Master of Fine Arts.....	<u>1</u>
<i>Total, Graduate College.....</i>	<i>445</i>

**Degrees in Law:**

Bachelor of Science.....	7
Bachelor of Laws.....	18
Doctor of Law.....	2
<i>Total, Law.....</i>	<i>27</i>

**Baccalaureate Degrees:**

Bachelor of Science, Library School.....	7
Bachelor of Science, College of Agriculture.....	59
Bachelor of Science, College of Engineering.....	135
Bachelor of Arts, College of Liberal Arts and Sciences.....	54
Bachelor of Science, College of Liberal Arts and Sciences.....	85
Bachelor of Science, College of Education.....	23
Bachelor of Science, College of Commerce and Business Administration.....	119
Bachelor of Science, School of Journalism.....	19
Bachelor of Science, College of Fine and Applied Arts.....	14
Bachelor of Fine Arts, College of Fine and Applied Arts.....	8
Bachelor of Music, College of Fine and Applied Arts.....	2
Bachelor of Science, School of Physical Education.....	14
Bachelor of Science, Division of Special Services for War Veterans.....	153

*Total, Baccalaureate Degrees.....*692

*Total, Degrees Conferred.....* I 164

**GRADUATE COLLEGE****Professional Degrees***Degree of Master of Education*

JAMES CHRISTIAN ATHERTON, B.S., M.S., Louisiana State University, 1935, 1947

MELVIN CHARLES BAKER, A.B., A.M., 1932, 1937

MORRIS BERDYNE CIERLEY, B.S., Memphis State College, 1938; A.M., Columbia University, 1941

VIRGIL WAYNE GILLENWATER, B.Ed., M.S., Western Illinois State College, 1941, 1947

KEITH WELLES MCHENRY, A.B., A.M., 1927, 1934

CLARENCE CAYCE SCARBOROUGH, B.S., M.S., Alabama Polytechnic Institute, 1935, 1940

*Degree of Master of Social Work*

ANNE KOPP HYMAN, B.S.S., University of Chicago, 1947

BILLY WOMACK TUCKER, B.S., 1946

IRMA FAIRCHILD WILBUR, A.B., 1932

**Degree of Master of Arts***In Architecture*

MAURICE ROBERT DESMARAIS, B.S., 1948

*In Classics*

DELVIN L. COVEY, A.B., Greenville College, 1942

JOSEPHINE ANITA ROBINSON, B.S., 1943

*In Economics*

LEO HERZEL, A.B., University of Iowa, 1947

JOHN SAGAN, JR., A.B., Ohio Wesleyan University, 1948

*In Education*

EDWARD CHARLES ANDERSON, A.B., De Paul University, 1944

WENDELL GAYLORD ANDERSON, B.Ed., Illinois State Normal University, 1943

VAUGHN ELIAS ARMER, B.Ed., Eastern Illinois State College, 1934

- NOBLE ARNOLD, JR., B.S., Northern Illinois State Teachers College, 1945  
MAMIE LORRAINE STAFFORD AUSTIN, A.B., Stowe Teachers College, 1945  
VEDA ALICE BALLEIN, B.Ed., Illinois State Normal University, 1935  
OSCAR ARTHUR BAY, JR., A.B., Culver-Stockton College, 1941  
THOMAS EDISON BONNER, B.S., Lincoln University, 1943  
PAUL KENNETH BOULDING, A.B., Geneva College, 1926  
NEVILLE BYRON BOZARTH, A.B., 1940  
LOIS LAVONNE BRANDT, B.S., 1948  
GERALD ALLEN BUCHANAN, B.Ed., Southern Illinois University, 1940  
WILBERT EUGENE BURGER, B.S., 1945  
CHESTER WARREN BURNS, A.B., Carthage College, 1934  
WILLIAM FRASER CONNELL, A.B., B.Ed., A.M., Ed.M., University of Melbourne, 1937, 1939, 1941, 1944; Ph.D., University of London, 1948  
BRUCE HORACE COULTAS, B.S., 1948  
LILLIE BELLE COURTRIGHT, B.S., 1941  
MARTHA ANN DAILY, B.S., 1947  
MAMIE RUTH LEE DONALDSON, A.B., University of Michigan, 1928  
PAUL ANSON DOOLITTLE, A.B., Indiana Central College, 1934  
JAMES KENNETH FISSEL, B.S., 1944  
JOAN RUTH FRINTZ, B.F.A., 1948  
LUANNA KATHERINE GOULD, B.Ed., Northern Illinois State Teachers College, 1938  
OPHELIA JUANITA GREENLEE, A.B., Stowe Teachers College, 1947  
ELSIE GENEVIEVE GURNETT, B.Ed., Northern Illinois State Teachers College, 1943  
HELEN ZICK GUTHRIE, A.B., 1925  
HAROLD DALE HALL, B.Ed., Eastern Illinois State College, 1942  
HARRY FREDERICK HALL, A.B., Carthage College, 1939  
CAROL TROY HARKER, B.S., Southern Illinois University, 1947  
JOSEPH CAMOVITCH HARRIS, A.B., McKendree College, 1933  
VIRGINIA HINCHLIFF, A.B., Knox College, 1932  
ELLA ELIZABETH HISE, B.Ed., Southern Illinois University, 1940  
CHESTER AURELIUS HODGES, JR., A.B., Stowe Teachers College, 1943  
MAUD DELANIE HOLLINGSHEAD, B.S., 1946  
CLARYCE LOUISE HOLMBERG, B.Ed., Chicago Teachers College, 1946  
CHARLES LELAND HORTIN, A.B., McKendree College, 1938  
DAVID MUNRO JACKSON, A.B., 1948  
FLORENCE STUMPF JAENKE, B.S., 1943  
ROLLAND WYETTE JONES, B.Ed., Eastern Illinois State College, 1938  
ODEN BROWN JORDAL, B.Ed., Northern Illinois State Teachers College, 1937  
IDA IRENE KING, B.S., Wilberforce University, 1946  
ROBERT FRANK KURRUS, A.B., McKendree College, 1933  
GERALD ARNOLD KUSTER, B.Ed., Illinois State Normal University, 1939  
NANNA JESSIE LAMBERT, B.S., Washington University, 1940  
BETTY ILEANE LANE, A.B., Shurtleff College, 1942  
HATTIE WILRENE LASH, A.B., Stowe Teachers College, 1935  
LEROY MCBRIDE, B.Ed., Southern Illinois University, 1939  
EDWIN MERKELBACH, B.S., James Millikin University, 1932  
LOREN JOSEPH MILLER, B.S., 1948  
MARION MAXINE MITCHELL, A.B., Stowe Teachers College, 1947  
NOLA MAE MORGAN, A.B., Stowe Teachers College, 1942  
ARLENE CHRISTINE MURDOCK, B.S., 1948  
LENA MAE NOBLE, A.B., 1941  
LLOYD DEWEY NORMAN, B.Ed., Southern Illinois University, 1937  
OSCAR COLEMAN O'HARA, B.Ed., Northern Illinois State Teachers College, 1942  
KENNETH EDWIN PEARSON, B.Ed., Northern Illinois State Teachers College, 1935  
CHESTER ELLIS QUINN, A.B., Eureka College, 1939  
ZELDA MILLER REED, B.S., 1945  
THEODORE IRVING RICCI, JR., B.S., A.M., Boston University, 1941, 1942  
EVA JANETTE ROPER, B.S., 1944  
EVELYN JEAN ROPP, B.S., 1947  
ROBERT FRANKLIN SEAMAN, B.S., 1947  
JAMES ROSS SHIPLEY, B.F.A., Cleveland School of Art, 1935; B.S., Western Reserve University, 1936

SICILY ANN SMEDSVIK, B.S., Oregon State College, 1948  
WOODROW JENNINGS SWARTZBAUGH, B.Ed., Western Illinois State College, 1936  
NOBLE BARTON THOMAS, B.S., 1946  
INABELL TRUEBLOOD, A.B., James Millikin University, 1941  
EMILY MARY TYLER, A.B., Stowe Teachers College, 1947  
NELLIE VAUGHN, A.B., Stowe Teachers College, 1938  
NOVELITE LILA WASHINGTON, A.B., Stowe Teachers College, 1947  
RUTH HELEN WEIMER, A.B., 1948  
CLARENCE THOMAS WEIR, A.B., Culver-Stockton College, 1941  
CLARA WILLIAMS, A.B., Stowe Teachers College, 1946  
DOROTHY MAE WILLIAMS, A.B., Stowe Teachers College, 1947  
SARA CHARLOTTE MORGAN WILLIAMS, A.B., Stowe Teachers College, 1933  
KENNETH LAMOINE WILSON, A.B., McKendree College, 1936  
WARREN EUGENE WILTSIE, A.B., Knox College, 1938  
DOYNE EDMOND WINTERROWD, A.B., McKendree College, 1938  
THAMOUS LEE WOOTEN, A.B., Arkansas Agricultural, Mechanical, and Normal College, 1940  
JAMES FRANKLIN YATES, B.S., Southern Illinois University, 1944  
DELBERT E. ZIMMERMAN, B.S., Southern Illinois University, 1947

*In English*

JEANNETTE KLEMOLA CHANG, A.B., 1947  
JOHN BURT FOSTER, A.B., Swarthmore College, 1933  
BERNETTA MARIA JACKSON, A.B., McKendree College, 1935  
STEPHEN DANIEL JAMES, A.B., 1948  
GEORGE BACHE PAPPAS, JR., B.S., University of Wisconsin, 1947

*In French*

ELLIS GIBSON PORTER, A.B., University of Virginia, 1945

*In Geography*

BELLE VINA SOUTH, B.S., 1939  
LEON THOMAS STEWART, B.Ed., Eastern Illinois State College, 1941

*In Geology*

RICHARD LOWELL THREET, B.S., A.B., 1947

*In History*

ELIZABETH RUTH BAUGHMAN, B.S., Eastern Illinois State College, 1948  
ERNEST JAMES BOLD, A.B., Gannon College, 1948  
ALDO VESPASIAN CAROZZA, A.B., 1948  
PINCKNEY MILLER MAYFIELD, B.S., Southeast Missouri State College, 1947  
FRANKLIN DALLAS PARKER, A.B., Greenville College, 1939  
DAVID ASHER WAAS, B.S., Manchester College, 1947  
MARY LOUISE WALKER, A.B., Lake Erie College, 1948

*In Home Economics*

MARIE GRACE GANTZERT, A.B., North Central College, 1933

*In Labor and Industrial Relations*

AMRITDHARI SINGH, A.B., A.M., Patna University, 1942, 1944  
DONALD DARCY WYVELL, A.B., University of Denver, 1946

*In Mathematics*

SHIGERU ISHII, A.B., 1949  
RICHARD EDWIN JANSSEN, A.B., Hastings College, 1947  
MITSURU KADOYAMA, A.B., North Central College, 1948  
MAHMUD KARIMZADA, B.S., Kabul University, 1946  
WILLIAM ALEXANDER MICHAEL, JR., A.B., 1948  
VERAS DEAN TURNER, B.S., Northwestern University, 1946  
DOROTHY MAE WILSON, A.B., Olivet College, 1944

*In Philosophy*

THOMAS PATTERSON HARDEMAN, B.S., Murray State Teachers College, 1947  
 THOMAS MORRIS HAYNES, A.B., Butler University, 1941

*In Physics*

RAYMOND FARWELL GOODRICH, A.B., Miami University, 1948

*In Political Science*

JOHN KARL HOTUIZ, A.B., 1948  
 DWIGHT BOYD MITCHELL, A.B., 1948  
 JOHN PETER SYDOR, JR., A.B., 1948

*In Psychology*

JUNE BRAMLET ERWIN, B.S., 1947  
 IRENE FLORENCE KENTNER, A.B., University of Manitoba, 1943  
 JULIUS WILLIAM KLING, B.S., 1948  
 EDWIN DAVID LEVIN, A.B., 1948  
 GILBERT WALTER MEIER, A.B., Washington University, 1948

*In Social Sciences*

SHIRLEY EUGENIA BROWN, A.B., Langston University, 1948  
 LESLIE BLAINE CANTERBURY, B.S., 1947  
 AUBREY LLOYD PULLIAM, B.S., University of Missouri, 1938  
 ROBERT RUSH RANKEN, A.B., Muhlenberg College, 1947

*In Speech*

MARGARET ANN THOMPSON, A.B., B.S., 1939, 1940  
 LORENA ROSS WALTER, A.B., 1946

*In the Teaching of English*

GEORGE DOUGLAS WATERFORD, B.S., Tuskegee Institute, 1935

*In the Teaching of Social Studies*

MITCHELL LAWRENCE KOSTRO, B.S., 1948

*In Zoology*

JOHN KENNETH TURNER, A.B., James Millikin University, 1947

**Degree of Master of Science***In Accountancy*

FREDERICK CLARENCE FORD, B.S., 1948  
 DUDGEON BRENTNALL GIEZENTANNER, B.S., University of Oklahoma, 1939  
 EDWARD ELDON JUDY, B.Ed., Illinois State Normal University, 1939  
 JOHN DANIEL O'NEILL, B.S., Creighton University, 1948  
 DONALD HARVEY SKADDEN, B.S., 1948  
 JOHN EDWARD WHITE, B.S., 1948

*In Agricultural Economics*

GORDON CHARLES KLEIMAN, B.S., Western Illinois State College, 1948  
 THEODORE IRVIN MCCARTY, B.S., 1948  
 HOWARD FRANKLIN ROBINSON, B.S., Agricultural and Technical College of North Carolina, 1948  
 THOMAS THACKERY WILLIAMS, B.S., Agricultural and Technical College of North Carolina, 1948

*In Agricultural Engineering*

MAURICE LEROY BURGNER, B.S., 1948  
 BEVERLY JACK BUTLER, B.S., 1948

*In Agronomy*

PAULO DE AGUIAR GODOY, Diploma in Agronomy, University of Sao Paulo, 1942  
ERNST HENRY GUMMERSHEIMER, B.S., 1928  
JAMES MELVIN HOLLEY, B.S., Agricultural and Technical College of North Carolina, 1946  
ROBERT J. METZGER, B.S., 1948  
LEONARD OTIS PAYNE, B.S., University of Florida, 1942  
WILLIAM MAX ROSS, B.S., 1948  
PAUL KENNETH SHERWOOD, B.S., 1948  
PAUL SIMINOFF, B.S., Michigan State College, 1948

*In Animal Nutrition*

ROBERT FRANK BUTZOW, B.S., 1947

*In Animal Science*

GENEVA JUNE BAUM, B.S., 1947  
WILLIAM GARFIELD KAMMLADE, JR., B.S., 1948  
MYRON WILLIAM PASVOGEL, B.S., 1936

*In Architectural Engineering*

GERARD ELMER GRAY, B.S., Agricultural and Technical College of North Carolina, 1942  
JOHN HARE JELLIFFE, B.S., 1948  
HENRY LOUIS THURMAN, JR., B.S., Hampton Institute, 1947

*In Bacteriology*

MISCHA ELLIOT FRIEDMAN, B.S., University of Massachusetts, 1948  
ABE PITAL, B.S., 1948  
EDWARD JOSEPH THOMAS RDZOK, B.S., University of Notre Dame, 1948  
IRVING LOUIS SHKLAIR, B.S., 1948

*In Biological Science*

VERNON CLEM BEIER, B.Ed., Illinois State Normal University, 1938

*In Ceramic Engineering*

EDWIN KEITH JENSEN, B.S., 1948

*In Chemical Engineering*

JOHN GEORGE HOFFMAN, JR., B.S., Oregon State College, 1935  
JOHN ROBERT HOFTO, B.S., University of North Dakota, 1948  
ERLE SANBORN HUSE, B.S., University of New Hampshire, 1945  
MAX DALE KELLEY, B.S., 1948  
WILLIAM ALEXANDER WIER, JR., B.S., Davidson College, 1947

*In Chemistry*

NANCY JANE ARMSTRONG, A.B., B.S., 1947, 1948  
ROY HENDERSON BIBLE, JR., B.S., Virginia Polytechnic Institute, 1948  
HOMER JAMES BIRCH, B.S., Youngstown College, 1941  
CARLOS CARIDAD, Chem.Eng., National University of Mexico, 1944  
SAUL MARK COHEN, B.S., University of Massachusetts, 1948  
JOHN GEORGE FRICK, JR., B.S., Loyola University, 1948  
RALPH GHER, JR., A.B., 1948  
ALLAN DALE GOTT, B.S., University of the South, 1948  
FRANK BRITT HAUSERMAN, B.S., University of Michigan, 1947  
WALTER HENRY JURA, A.B., American International College, 1946  
JOHN RALPH KUEBLER, JR., B.S., University of Wisconsin, 1948  
JOSEPH LARNER, A.B., University of Michigan, 1942; M.D., Columbia University, 1945  
VIRGINIA CAROLINE MENIKHEIM, B.S., Butler University, 1941  
CAL YALE MEYERS, A.B., Cornell University, 1948

THOMAS GORE MILLER, A.B., Miami University, 1948  
EZIO ANTHONY MOSCATELLI, A.B., Columbia University, 1948  
ERNEST D. NICOLAIDES, B.S., Monmouth College, 1948  
EUGENE RICHARD NIGHTINGALE, JR., B.S., 1948  
MARGARET FRANCES POLGLASE, B.S., Keuka College, 1942  
LUCILLE MARILYN RICHARDSON, A.B., Albion College, 1948  
KENNETH ARTHUR SCHOWALTER, B.S., Missouri School of Mines and Metallurgy, 1942  
SHELDON SUMNER SIMON, B.S., University of Massachusetts, 1948  
CHARLES JACKSON STRICKLER, B.S., Purdue University, 1942  
RUTH ELIZABETH TENNES, B.S., 1942  
JOHN SHIRLEY WILSON, B.Ed., Eastern Illinois State College, 1942  
CHARLES NATHAN WINNICK, B.S., Massachusetts Institute of Technology, 1948

*In Civil Engineering*

EDWARD DARWIN EBERT, B.S., 1939  
JOHN DAVID HALTIWANGER, B.S., University of South Carolina, 1945  
EMILIO ROSENBLUETH, C.E., University of Mexico, 1948

*In Clinical Psychology*

LIONEL MORDECAI LAZOWICK, B.S., Roosevelt College, 1948  
CORINNE SYLVIA ROSEN, B.S., 1947  
FLORENCE ROSENTHAL, B.S., 1946  
JEROME MYER YALOWITZ, B.S., 1948

*In Dairy Science*

STEPHEN JOHNSON SPECK, B.S., 1943

*In Dairy Technology*

CHRISTIAN JOSEPH DUPUY, B.S., 1948

*In Economics*

HERBERT HOLMES MOEDE, B.S., 1943

*In Education*

JOHN JAY AIKEN, B.S., Kansas State Teachers College of Pittsburg, 1939  
GEORGE TAFT BAKER, B.Ed., Southern Illinois University, 1941  
PYRLE GALE BARCLAY, B.Ed., Illinois State Normal University, 1942  
JAMES EMERSON BARKER, A.B., Lincoln University, 1939  
ROBERT ADAIR BLACKWOOD, B.S., 1948  
FRED OGDEN BOHN, B.Ed., Eastern Illinois State College, 1939  
MARGARETTE RAMSEY BOOTHE, B.S., Bluefield State College, 1937  
EDWARD HILDRETH BOYER, B.Ed., Southern Illinois University, 1947  
JOHN WAGNER BROWN, B.S., 1936  
HOWARD BUNDY, B.S., Southern Illinois University, 1947  
GLENN OTIS BURGER, B.S., James Millikin University, 1946  
RAYMOND ARTHUR CISZEK, B.S., 1947  
DALE MILTON CLINE, B.Ed., Illinois State Normal University, 1938  
WILLIAM WELLINGTON COLBY, A.B., 1933  
JANE CORDELL, B.S., 1947  
WILLIAM JACKSON COX, B.Ed., Southern Illinois University, 1941  
JOSEPH CARROLL DEATON, B.Ed., Southern Illinois University, 1941  
VERA LOIS GOODWIN DOUGLAS, B.S., Illinois Wesleyan University, 1924  
JACK LYLE EYERLY, B.S., 1943  
ARTHUR TODD FOUTY, B.S., 1947  
STEVE GIACOMELLI, B.S., Southern Illinois University, 1947  
ARVELLA TOLES GOODEN, B.S., Bluefield State College, 1943  
WIRTH EVERETT GUSTAFSON, B.S., Northern Illinois State Teachers College, 1935  
JAMES LEROY HANKS, B.S., Eastern Illinois State College, 1947  
PHILLIP ILIFFE HARDY, B.S., 1940  
RUTH MAE HELLEGAS, B.S., 1944

MELVIN JOHN HENTZE, B.Ed., Southern Illinois University, 1940  
 BERNADINE CATHERINE HETTINGER, B.S., 1939  
 MAX EARL HIETT, B.S., 1948  
 RAMON C. HILL, B.S., LeMoyne College, 1939  
 LUELLA STONE HOFSTETTER, B.S., 1943  
 MARY ALICE HOLLIS, B.S., Bradley University, 1940  
 WILLIAM MACFERRAN HUGHES, B.Ed., Western Illinois State College, 1939  
 ROSS EVERETT HULMES, Jr., B.Ed., Northern Illinois State Teachers College, 1943  
 LILLIAN LEETHA IRONS, B.S., Langston University, 1944  
 VELMA ELLEANOR IRVING, B.S., Lincoln University, 1942  
 CARRIE MAE IRWIN, B.S., Illinois State Normal University, 1945  
 VINCENT LEE JAMES, B.S., 1942  
 WILLIAM ATWELL JENKINS, B.S., New York University, 1948  
 ANNA KASPAR, B.S., 1943  
 JAMES ALLISON KEITH, B.S., 1948  
 ROSELLA MATTIE KEPHART, B.S., 1944  
 CHARLES KEYSER, B.S., 1941  
 CHARLES MILTON KILE, B.S., Southern Illinois University, 1944  
 GALEN DEAN KINTNER, B.S., Illinois State Normal University, 1947  
 SAMUEL LEWIS KOHR, Jr., B.S., James Millikin University, 1936  
 BARTLETT HERMAN LASHBROOK, B.Ed., Western Illinois State College, 1938  
 MABLE ANN LAWLER, A.B., St. Ambrose College, 1944  
 MURNEY MYLES LAZIER, B.S., 1949  
 MARTHA LOU LEER, A.B., Georgetown College, 1939  
 REXFORD GARDNER LEWIS, B.S., 1944  
 CLETIS J. LITTLE, B.Ed., Eastern Illinois State College, 1931  
 CHARLES PATRICK MARTIN, Jr., B.S., 1949  
 JOHN GREGORY MARTIN, A.B., Beloit College, 1943  
 JOSEPHINE ANISE MATHews, B.S., Illinois State Normal University, 1946  
 WALTER EMERSON McALLISTER, B.Ed., Eastern Illinois State College, 1943  
 DENVER W. McDONALD, B.Ed., Southern Illinois University, 1941  
 WILLIAM CAREY MCGREGOR, B.S., East Tennessee State College, 1935  
 THOMAS RICHARD MILLER, B.S., 1941  
 EDITH CRISS MINICH, B.S., Florida Southern College, 1947  
 WALTER JOHN MOLO, Jr., B.S., 1948  
 ZELLA ZAE MOREHOUSE, B.Ed., Northern Illinois State Teachers College, 1939  
 ELIZABETH CLAY MORRIS, B.S., Central Missouri State College, 1925  
 ADELE PAULINE MYLASHUS, A.B., 1936  
 JOHN LOUIS NASH, B.Ed., Eastern Illinois State College, 1938  
 VIRGIL ARMOND NEWLIN, B.Ed., Illinois State Normal University, 1941  
 EUNICE MARTHA O'MALIA, B.S., 1940  
 CONSTANTINE DENNIS ORPHAN, B.S., 1948  
 WARREN TAYLOR PAGE, Jr., B.Ed., Western Illinois State College, 1941  
 LONNIE FERON PARR, Jr., B.S., 1939  
 NELLO ANTHONY PETERSANTI, B.S., Stout Institute, 1937  
 BARBARA JOSEPHINE PETZ, B.S., Illinois State Normal University, 1945  
 BERT COLEY PIGGOTT, B.S., 1947  
 WARREN PAVEY POLLEY, B.S., Illinois State Normal University, 1945  
 DORIS LUCILE RAY, B.S., 1937  
 DONALD CHRISTIAN ROCKE, B.Ed., Illinois State Normal University, 1940; B.S., 1941  
 ESTHER FULLERTON ROSE, B.S., 1946  
 WILLIAM HENRY ROSSO, B.S., 1942  
 HERSCHEL VESPER ROWE, B.S., Northeast Missouri State Teachers College, 1942  
 LOUIS SCHIFF, B.S., 1942  
 ROBERT LEE SCHRAUDT, B.S., 1948  
 MARION GERALDINE SHERIFF, B.S., 1949  
 PAUL THOMPSON SHIELDS, B.Ed., Eastern Illinois State College, 1931  
 MELVIN TRACY SNYDER, A.B., Shepherd College, 1940  
 LLOYD DALE SOLOMON, B.S., Illinois State Normal University, 1947  
 SELMA IRENE SOUTHWICK, B.S., University of Missouri, 1942  
 GEORGE FRANCIS SPIRDUSO, B.S., Illinois State Normal University, 1946  
 LYLE L. STIREWALT, B.Ed., Eastern Illinois State College, 1936



CHARLES BENEDICT THUOT, B.S., 1946  
HOSEA LUCIUS TILLOTSON, B.Ed., Illinois State Normal University, 1925  
HELEN WALTERS TOLLIVER, B.Ed., Eastern Illinois State College, 1939  
CHARLES MERRELL TOLMAN, B.S., Northeast Missouri State Teachers College, 1940  
ARNOLD WALLS TRAYLOR, B.S., Purdue University, 1948  
BEATRICE HEDLUND TUCKER, B.S., 1945  
WILLIAM ELDIN TWICHELL, B.S., 1948  
HAROLD EUGENE VANCE, B.Ed., Western Illinois State College, 1939  
CORNELIUS VERSTEEG, A.B., Huron College, 1932  
JOHN EUGENE WALDRIP, B.Ed., Eastern Illinois State College, 1939  
JOE DEE WARD, B.Ed., Eastern Illinois State College, 1941  
HAZEL LISTON WATERFORD, B.S., Langston University, 1938  
DWIGHT BENSYL WILKEY, B.S., 1947  
HAROLD DEAN WIMBERLY, B.S., Illinois Wesleyan University, 1943  
ROSE HELEN WIRCHAK, B.S., 1929  
HARVEY SMITH WOODS, B.S., Southern Illinois University, 1947  
JENNIE ADRAAS WORTHINGTON, B.S., Illinois State Normal University, 1945  
JAMES OMAR YEAZEL, B.S., 1933  
LESTER MILEN ZINSER, B.S., 1948  
BERWYN GHLEE ZUCK, B.Ed., Western Illinois State College, 1941

*In Electrical Engineering*

NAIM MOSTAFA ABOU-TALEB, B.S., Farouk I University, 1947  
DANIEL SYLVESTER BABB, B.S., South Dakota School of Mines and Technology, 1929; B.S., South Dakota Northern State Teachers College, 1934  
RENO VICTOR BENAGLIO, B.E.E., University of Detroit, 1948  
ROBERT ALEXANDER SAUNDERS DINGWALL, B.S., University of Alberta, 1948  
RICHARD WALLACE FETTER, B.S., 1948  
JOHN KENNETH GILES, B.S., Georgia School of Technology, 1945  
DANIEL FRANK HANG, B.S., 1941  
IRVING KAUFMAN, B.E., Vanderbilt University, 1945  
ROBERT EUGENE LEPTC, B.S., 1948  
THOMAS REILLY O'MEARA, B.S., 1948  
HAROLD KENDLE POLK, B.S., Purdue University, 1934  
JOHN KENNETH RECORDS, B.S., University of Cincinnati, 1948  
RAY M. WAINWRIGHT, B.S., Montana State College, 1936

*In Entomology*

MAX DONALD COUCH, B.S., 1948

*In Geography*

PHILLIP MAXWELL BUSCH, B.S., 1948  
JAMES ORVEL EDMONDSON, B.S., Southern Illinois University, 1947  
ALPHA DOMENICO PERFETTI, B.S., Eastern Illinois State College, 1948

*In Geology*

JOHN ALLEN BROPHY, A.B., 1948  
JAMES HAROLD FISHER, A.B., 1943  
JEAN MARIE GEISLER, B.S., 1948

*In Home Economics*

ALICE CRUSE CROUCH, B.Ed., Eastern Illinois State College, 1937  
BERNICE IRENE JANSSEN, B.S., Western Illinois State College, 1941  
VIRGINIA MAXINE KENEIPP, B.S., 1946  
MILLICENT VERNIE MARTIN, B.S., 1947  
DAISY PICK, B.S., Iowa State College, 1935

*In Horticulture*

SIDNEY JOSH BERNSTEIN, B.S., 1948  
CAROLYN RUTH BLUHM, B.S., 1948  
DONALD DALE HICKMAN, B.S., University of Missouri, 1948  
WILLIAM HERBERT SNYDER, B.S., South Dakota State College of Agriculture and  
Mechanic Arts, 1948

*In Journalism*

JOE ROBERT PATRICK, B.S., 1947  
 NATHAN ROSEN, B.S., 1948  
 FRANK BENEDICT SENDER, JR., B.S., 1940  
 WILLARD LINN THOMPSON, B.S., 1937  
 MELVIN CHARLES WASKIN, B.S., 1948

*In Library Science*

HERMAN FREDERIC ALWIN, A.B., Lawrence College, 1933  
 JAMES CRANDALL ANDREWS, B.S., University of North Carolina, 1946; B.S.(L.S.), 1947  
 ELIZABETH RUTH BANTZ, B.S., South Dakota Northern State Teachers College, 1935; B.S., University of Minnesota, 1945  
 RICHARD EARL CHAPIN, A.B., Wabash College, 1948  
 JOSEPHINE MARIE COWLES, B.S., Ottawa University, 1928; B.S.(L.S.), 1936  
 CHARLES MORGAN DANIEL, JR., A.B., North Texas State Teachers College, 1948  
 DENA AGNES DOMENICALI, A.B., University of New Mexico, 1948  
 RAY WILLIAM FRANTZ, JR., A.B., University of Nebraska, 1948  
 MARIAN LUCIA JAMES, A.B., North Carolina College, 1945  
 EDWARD GLENN LINKHART, A.B., Ohio State University, 1947  
 BARBARA JEANNE RIGGIN, A.B., Ball State Teachers College, 1948  
 HENRY GRADY SHEAROUSE, JR., B.S., Georgia Teachers College, 1945; A.B.(L.S.), Emory University, 1947  
 MOLLIE LAY SITTNER, A.B., Walla Walla College, 1925; B.S.(L.S.), University of Washington, 1929  
 PAUL MILTON SMITH, JR., A.B., St. Augustine's College, 1941; B.S.(L.S.), North Carolina College, 1947  
 FRANCIS CHARLES TAYLOR, A.B., Lehigh University, 1947; B.S.(L.S.), 1948  
 RUTH ANISA WARNOCK, A.B., Muskingum College, 1909; B.S., Kansas State Teachers College of Pittsburg, 1928; A.M., University of Kansas, 1936  
 SOPHIE MARY BEATRICE WOJCIEKIEWICZ, A.B., De Paul University, 1948

*In Management*

WILLIAM KELSO DOWLING, B.S., 1948  
 DONALD FOSTER HARLAND, B.S., Western Illinois State College, 1946  
 ROBERT FOX TUREK, B.S., University of Nebraska, 1948

*In Marketing*

ROBERT PAUL BALDWIN, JR., A.B., Southwestern College, 1948  
 CHARLES MERLE CRAWFORD, B.S., 1948  
 ROBB ROY RUEB, B.S., Western Illinois State College, 1946

*In Mathematics*

IRMGARD ANTHOFER, B.S., 1945  
 RICHARD JARDINE ARTHUR, B.S., Purdue University, 1948  
 PHYLLIS JEANNE BROWN, B.S., Ursinus College, 1948  
 FRED J. CLARK, JR., B.S., Colorado State College of Agricultural and Mechanical Arts, 1948  
 ROBERT JOEL WISNER, B.S., 1948

*In Mechanical Engineering*

CLARENCE LAVERNE BROWN, JR., B.S., 1949  
 GEORGE HENRY GREEN, B.Eng., University of Saskatchewan, 1944  
 CYRUS DALE GREFFE, B.S., 1940  
 HERBERT CRITTENDEN JOHNSON, B.S., South Dakota State College of Agriculture and Mechanic Arts, 1941  
 EDWARD OSCAR JONES, JR., B.S., Alabama Polytechnic Institute, 1943, 1946  
 BHABATOSH MUKHERJEE, B.M.E., College of Engineering and Technology (Bengal, India), 1945  
 ROBERT HERMAN WEIGEL, B.M.E., University of Louisville, 1939  
 JOHN LONG WHISENAND, B.S., 1942

*In Metallurgical Engineering*

STEWART WILLIAM SANDBERG, JR., B.S., 1948

*In Music Education*

EDWARD CLAYTON LEWIS, JR., B.Mus., West Virginia State College, 1939

WILLIAM LOUIS LUCKA, B.Mus.Ed., James Millikin University, 1940

EUGENE JACKSON MOORE, B.S., 1941

DANIEL JOSEPH PERRINO, B.S., 1948

LEONA SPEER PITZER, B.S., 1939

VERROLLTON CONNER SHAUL, A.B., Indiana Central College, 1936

SISTER ROSE CATHERINE NICELY, B.S., Bush Conservatory, 1932

*In Physical Education*

OSCAR WAY ADAMS, B.S., 1948

PETER ROBERT BERRAFATO, B.S., George Williams College, 1946

WILBUR LYLE CODDINGTON, B.S., Eureka College, 1933

VERDIE THOMAS COX, B.Ed., Southern Illinois University, 1942

SHELDON LEROY FORDHAM, B.S., 1941

JOHN AUSTIN HARMON, A.B., McKendree College, 1940

DONALD WILLIAM KRIECHBAUM, B.Ed., Northern Illinois State Teachers College, 1943

WILLIAM FRANK LUTZ, A.B., Lake Forest College, 1933

ROBERT EVERETT MCADAM, B.S., De Paul University, 1948

FRANCES ANN MCPHERSON, B.S., University of Nebraska, 1945

RENE HERMAN ROCHELLE, B.S., 1948

RAYMOND JOHN RUNKLE, B.S., Pennsylvania State College, 1939

MARCIA ARLENE SHURTE, B.S., 1946

WILLIAM HOMER SMITH, B.S., Northern Illinois State Teachers College, 1947

TRACY TRIPP, JR., B.S., Springfield College, 1943

HEWEY EDGAR TWEEDY, B.S., Southern Illinois University, 1945

WAYNE DANIEL VAN HUSS, B.Ed., Illinois State Normal University, 1939

WALLACE WILLIAM WADINGTON, B.S., Illinois Wesleyan University, 1945

ALBIN PAUL WARNER, B.S., 1948

CHARLES LAWSON WHITE, B.S., Rocky Mountain College, 1948

*In Physics*

CHARLES AUGUSTUS MCCLURE, A.B., Oberlin College, 1943

LILA MAE WELLS, A.B., 1948

*In Physiology*

JANE FRANCES EMELE, B.S., Upsala College, 1947

STEWART WALTER FREYBURGER, B.S., 1948

GEORGE RUBIN, B.S., College of the City of New York, 1948

*In Sanitary Engineering*

CECIL WENDELL BROWNING, B.S., 1948

*In the Teaching of Biological Science and General Science*

JOHN WILLIAM LAFIEF, B.Ed., Southern Illinois University, 1940

DWIGHT READ MILNE, JR., B.S., 1948

CAROLYN FINK OSINSKI, A.B., 1946

*In the Teaching of Mathematics*

RAYMOND EDWARD CARROLL, A.B., New York State College for Teachers, 1941

SAMUEL HOUSAN GRAY, A.B., Centre College, 1948

LEROY WILLIAM KIRK, B.S., Langston University, 1948

RUTH HICKS MCCLURE, A.B., Oberlin College, 1945

JAMES WALTER PETTUS, A.B., Langston University, 1947

*In Theoretical and Applied Mechanics*

BERNARD CAHILL HANLEY, B.S., 1941

ALPHEUS QUINLEY MOWBRAY, JR., B.M.E., University of Delaware, 1943

*In Zoology*

DANIEL BELASCO COMROE, B.S., 1947  
 FRANK JOSEPH ETGES, A.B., 1948  
 CHARLES EDWARD HUME, B.S., 1948  
 PAUL WOODBURN PARMALEE, B.S., Ohio State University, 1948  
 DAVID SHOMAY, B.S., Long Island University, 1948  
 GLENN ROBERT WEBB, B.S., 1948  
 ARTHUR WITT, JR., B.S., 1948  
 VIRGINIA LENORE YEATER, A.B., University of Colorado, 1947

**Degree of Master of Fine Arts***In Art Education*

JOHN WILLIAM KENNEDY, A.B., Carnegie Institute of Technology, 1925

**COLLEGE OF LAW****Degree of Bachelor of Science***In Law*

PHILLIP BOICE JOHNSON  
 DONALD JAMES KORKOWSKI  
 RICHARD CHARLES MCCARTHY  
 RICHARD CHILDS RADEMACHER  
 BERNARD GLEN STUTLER  
 GEORGE MAURICE TWOMEY  
 WILLIAM JAMES WIMBISCUS

**Degree of Bachelor of Laws**

ARNOLD WERNER BENSEW, B.S., 1948  
 LINO BONUCCI, B.S., 1941  
 JESSE BERNELL BOYD, A.B., 1940  
 VIRGIL DEAN COCHRAN  
 NORMAN SEYMOUR ESSERMAN, B.S., 1948  
 HELMUTH WILHELM FREY, B.S., 1942  
 MAX GEORGE GULO, A.B., 1947  
 EDWARD CARL HEGELER  
 ORVILLE SYRIL KAHN, B.S., 1947  
 JOHN LINEBAUGH KNUPP, Ph.B., Marquette University, 1948  
 ARTHUR THOMAS LENNON, B.S., 1948  
 JAMES THAYER MOHAN, B.S., 1948  
 JAMES MICHAEL O'BYRNE, B.S., 1948  
 CHARLES ARTHUR POTTER, JR., B.S., 1948  
 SAMUEL SCHACHTMAN, B.S., 1948  
 JAMES NOAH SHERRICK, B.Ed., Eastern Illinois State College, 1938; M.S., 1946  
 JOHN EARL WILSON, JR., A.B., St. Norbert College, 1946  
 WILLIAM HOWARD YOUNG, B.S., 1948

**Degree of Doctor of Law**

REX CARR, A.B., 1948  
 VINCENT THOMAS WASILEWSKI, A.B., 1948; with Honors

**LIBRARY SCHOOL****Degree of Bachelor of Science***In Library Science*

MARY BLANCHE BOLAND, A.B., College of St. Francis, 1937; A.M., 1942  
 EDITH IRENE CHALFANT, A.B., Indiana Central College, 1924  
 CLARA ANNA MARTIN, A.B., 1928; A.M., Columbia University Teachers College, 1932

MARIAN FRANCES MASTENBROOK, A.B., Hope College, 1946  
 MARY HILLIARD RUMSEY, A.B., A.M., 1916, 1927  
 SISTER MARY GREGORY MARQUARDT, A.B., 1930; with Honors  
 MILDRED LUCY SMITH, B.Ed., Central State Teachers College, 1946

## COLLEGE OF AGRICULTURE

### Degree of Bachelor of Science

#### *In Agriculture*

JESSE MILTON ALLEN	JAY ROBERT JAMES, with High Honors
WILLIAM ALLEN AMENT	RICHARD CRAIG JAMES
FREDRIC WILLIAM BERGMAN	DON EDWARD KESINGER
JAMES GORDON BICKET	PAUL DALE KIMMELSHUE
JOHN HURLESS BICKET	ROBERT GILBERT KOPMAN
ARTHUR LYNN BRIGHTON	MERLE ELDON LESAGE
THOMAS WARREN BROCK	JOHN BRUCE LEWIS
RALPH JOY BUCK, with Honors	EUGENE LUSK
WILLIAM EDWARD CADWELL	DELBERT ERNEST MAGERS
HUBERT ARTHUR CATE, with High Honors	CHARLES DOUGLAS PALMER, Jr.
CHARLES WARREN COX, with Honors	WILLIAM CEPHAS PITTS
ANTHONY MATHIAS DETERS	FLOYD HAROLD PRUITT, with High Honors
DONALD DORRIS DILLOW	THOMAS LEO REEDY
JOHN LATHROP FINLAYSON	STANLEY SWANSON SIMS
RICHARD STERLING GRISSOM	EMIL MEREDITH SPENCER
HAROLD DANIEL GUITHER, with Highest Honors	JULIUS BERNARD SPRACHNER
FRED LEE HAEGELE	CHARLES ROBERT TAYLOR
GEORGE SAMUEL HALL	ALBERT BLANFORD ULM, with Honors
CLARENCE HALE HAYS	ANDREW ALLEN WETZEL
JOHN HOLMES, Jr.	RUSSELL GLENN WILLARD
CARROL KAY HOOVER	WALTER LAVON WILSON

#### *In Dairy Technology*

JOHN ROBERT ALBRECHT	ROBERT WELCH GLAHE
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#### *In Floriculture*

MARGARET MARNE FLEMING, with High Honors	DWIGHT ALBERT LUND, with High Honors
WILLIAM ROBERT FORTNEY	VIVIAN MARY OSTBOE, with Honors

#### *In Home Economics*

MARY LEE SPITTLER

#### *In Vocational Agriculture*

ALVIN ALBERT BACHMAN	DENVER WAYNE KUNZ
HERBERT SCOTT BLILER	STANLEY GOTTFRIED MAGNUSON
ROBERT EDGAR BROWN	RICHARD EARL PARETT
BENJAMIN FRANKLIN DAVIS, with Honors	ERNEST HENRY SANCKEN, with Honors
ELLERY LOUIS KNAKE, with Highest Honors	EDWIN WILLIAM SAUER

## COLLEGE OF ENGINEERING

### Degree of Bachelor of Science

#### *In Aeronautical Engineering*

HERBERT FRANCIS BROWN	JOHN RICHARD LINDROTH
EARLE WALTER CHESNUTT	JAMES ROBERT SUTTON
PAUL IRMAL DICKEY	ROBERT EARL TATRO
WILLIAM CLARENCE HAHN	HOWARD ROBERT WASSON
TRAVIS CARL JAMES, with Honors	

*In Agricultural Engineering*

DAVID HENRY BACHMAN	WILLIAM TEEL MILLS
THOMAS WARREN BROCK	ROBERT RICHARD ROWE
GEORGE WILLIAM ARTHUR MAHONEY	WILLIAM FRANK ZUMWALT

*In Ceramic Engineering*

JAMES CLYDE DAVIS	RALPH CARROLL RIGGS
HAROLD HOWARD LUND	GEORGE OTTO ROSENWINKEL

*In Civil Engineering*

ALFRED LLOYD BYRAM	ROBERT JOHN MATHEWS
GARY DAVID CASS	CHARLES JOSEPH POREMBA
ROBERT LAFOLLETTE CRIST	FLOYD WENDELL SMITH
DALE EDWARD FRANCIS	VINCENT ALEXANDER WIENSKI
JAMES GAY HOWELL	

*In Electrical Engineering*

WILLIAM EVELETH BARGER	EDWIN CHARLES KAMPS
ARTHUR MERRITT BARRETT, JR.	JAMES HOWARD KEIM
HERBERT JAMES BATE	BILL EMIL KRIEG
ROBERT ARTHUR BEAUMONT	GEORGE LOUIS KVITEK, with Honors
NORTON WILLIAM BELL, with High Honors	DONALD WAGNER MCCONIGA
JERRY FRANK BOUSKA	ROBERT LEO McDONALD
GEORGE MARTIN BOYD	CYRUS JOHN MCLEAN
DONALD RAY BURGNER, with High Honors	ROBERT FREDERICK MEINICKE
GEORGE DEAN CRAWFORD	RICHARD CRANE PEACOCK
WILLIAM JOHN DALEY	ALFRED FRANK ROJEK
IRA GORDON EVANS	GLENN ALLEN SCHARP
ELMER FASOL	JAMES JUNIOR SHORT
JAMES FULTON HARLAND, with Honors	RICHARD EUGENE SNYDER
RALPH JOSEPH HENNEMAN, JR.	RICHARD ELDRIDGE STEVENS
WILLIAM WILSON HINES	HARRY OAKES TAYLOR, JR.
RALPH EDWARD HINTZ	FRANK MATHIAS TURSICH
GEORGE LOWELL JACOBK	ROBERT DAVID WERCKLE
WILLIAM CHARLES JANSSEN	JOHN LEROY WESTENHAVER, JR.
JOSEPH EMIL JURNECKA	LEO ERNEST WHITE
	LEO KENNETH YOSKOWITZ

*In Engineering Physics*

DARYL M. PAPKE, with Honors

*In General Engineering*

RICHARD BLAIR CLARK	DONALD CHARLES MURRIN, with Honors
ERLE EDWIN JOHNSON	ROBERT WAGNER NELSON
RAYMOND STRAND KRAMER	GLENN ALBERT THOMAS
MELVIN KENNETH KUEHL	CARLETON TRIMBLE, JR.
LOUIS MANKUS	RICHARD BUSEY TRIMBLE
MICHAEL JOSEPH MCCARTHY	

*In Mechanical Engineering*

MARKUS VERNELL BACCUS	RALPH IRA COTTINGHAM
JULES DONAT BARIBAUT	WILLIAM JOHN COWAN
THOMAS BENJAMIN BERNETT	DUANE OSCAR CULLIGAN
CHARLES WILLIAM BILLINGS, with Honors	ROGER MARIO DIJULIO
CHARLES BOETTO	CHESTER STANLEY DUDCZAK
ELDON JOHN BRUNNER	JAMES ANSON DYER
DON ORR BRUSH	EUGENE EDWARD FARRELL
WILLIAM LOUIS BURDICK	EVERETT EUGENE GARRISON
MILES ELDON BYERS	RICHARD ROLAND GEERY
ARTHUR OLIVER CAPP, Jr., with Honors	JACK CHARLES GOSS
	DALE GEORGE GUBBINS
	ARTHUR JUNIOR HAGER

DAN VINSON HON  
 MARVIN ITZKOWITZ, with Honors  
 ROBERT HACHTEL KERRUISH  
 CARL KLEIN  
 ROBERT JOHN LENGVENIS  
 RUDOLPH LENICH, with Honors  
 KENNETH MARSHALL LLOYD  
 CARL HJALMAR MAYER, JR.  
 WILLIAM WARREN MCDANIEL  
 EARL RAYMOND MEYER  
 WILLIAM WESLEY MITTLESTEADT, JR.,  
 with Honors  
 MOORAD MOORADIAN  
 COURTNEY MARSHALL MOOREFIELD  
 GLENN ELDRED NEAL  
 ALBERT MARTIN OGENT

HARRY MADISON PASSMAN  
 GLENN ROBERT PEABODY  
 EDWARD FRANCIS PETRELEWICZ  
 JOHN HUGH PHELAN  
 ERNEST ARTHUR ROBINSON  
 FRANK JEROME SAMUELSON  
 MELVIN CURTIS SAVILLE  
 JACK PRINDLE SMITH  
 RODGER KENNETH SNELSON  
 WILLIAM LOREN THOMPSON  
 RICHARD WILLIS WETZEL  
 THOMAS JOHN WICH  
 WILLIAM AMBROSE WIGHT  
 MAURICE MILTON WILLIAMSON, with  
 Honors  
 DELBERT EARL WINGET

*In Metallurgical Engineering*

ROBERT CLEMENT BERTOSSA  
 JOHN WALLACE LAUDER

MELVIN GERALD ZUCKERMAN

*In Sanitary Engineering*

HAROLD HARVEY HUNT, with High  
 Honors

**COLLEGE OF LIBERAL ARTS AND SCIENCES**

**Degree of Bachelor of Arts**

*In Liberal Arts and Sciences*

AUDREY DUDGEON APPLE  
 BERNARD ISADORE BITTEN  
 FRANCIS EUGENE BOWERS  
 RALPH EVERETTE BROWN, with Honors  
 in Sociology  
 ALFRED KENDALL CARTER  
 MARJORIE JOYCE CHRISTENSEN  
 MARY JANIS COLLIFLOWER  
 IRIS ZITA COWEN  
 LAWRENCE EDWARD DRONE, with High-  
 est Honors in Philosophy and in  
 Social Science  
 MARIETTE FRANCES EXSTEIN  
 RICHARD CHARLES FORD, with Honors  
 in Medieval Civilization  
 ROBERT EMMANUEL FOX  
 DAVID FREIDES, with Honors in  
 Psychology  
 MINA MYRTHINE HILTON GARRISON  
 SHIRLEY JANICE GLOGER  
 PAUL EGIDIUS GRABILL  
 RICHARD KEITH GRAGG  
 ZARA RAY HART  
 ROBERT HELLER  
 ROBERT ALLEN HORNER, with High  
 Honors in Political Science  
 NATHAN EMILE HUMBRECHT, with  
 Honors in Philosophy  
 JACK OAKLEY KENNEDY, with Highest  
 Honors in Political Science  
 QUINTELLA LORRAINE MILDRED KING  
 MARTIN KRAKOWSKI

ROBERT BRUNO KUPSKI  
 VIRGINIA MARY LAMANTIA  
 FRED ALBERT LUDWIG, JR.  
 GEORGE ALOYSIUS MARTIN, JR.  
 KATHRYN ROBERTA MCMILLAN  
 MARY ELIZABETH MILLER  
 GEORGE WILLIAM MORROW, JR.  
 MARY ELLEN MURPHY, with Honors  
 in Psychology  
 STANLEY JOSEPH OSTROWSKI  
 DORIS MAY PACKTOR  
 DOLORES KATHERINE POLAKOVIC  
 MARY FRANCES POWERS  
 MARION JOHN RAMZA  
 HUGH RICHARD RIGNEY  
 ALBERT JAY ROSENTHAL  
 DONALD ROBERT SCHNEIDERMAN  
 JOSEPH PENROY SCOTT  
 ELIZABETH ANN SEELY  
 ALBERT SHANKER, with Honors in  
 Philosophy  
 JOHN HAZEL SMITH  
 ALLEN SIMON STEINHARDT  
 FREDRICK DOUGLAS SUNDLOFF, with  
 Honors in History  
 WAYNE CALHOUN TEMPLE, with  
 Honors in History  
 JOHN HIRAM THOMPSON  
 JEAN VAN DE VOORDE, with Honors in  
 Sociology  
 JOHN ROBERT WALLACE  
 GLORIA CECILIA WISEMAN

*In the Teaching of English*

FORREST EARL HAZARD, with Honors in  
English

*In the Teaching of Social Studies*

SAMUEL CHARLES FELD

JOSEPH TRACHTENBERG

**Degree of Bachelor of Science***In Chemical Engineering*

ROBERT JACOB BAECHLE  
IRVING BERNSTEIN  
GEORGE DALEY BEVIS, with High  
Honors  
DALE STANLEY GLASS  
DONALD GLASSMAN, with Honors  
CARL WILBERT GOMES, with High  
Honors  
FRANK JOSEPH HARSACKY, with Honors  
FORBES RAYMOND KOEHLER  
MEYER SAM LEVY, with Honors  
WILLIAM RAY LOOMIS, with High  
Honors

RICHARD ZACK MASON  
HENRY JAMES NALEPA, with Honors  
RAYMOND JOHN PIKNA, with Highest  
Honors  
ROBERT ELLIOTT SZOLD  
HAROLD ABRAHAM WANGER  
DAVID EMANUEL WEAVER, with High  
Honors  
ROBERT ELWOOD WILSON  
ORVILLE ARTHUR WUNDERLICH

*In Chemistry*

GEORGE EVERETT INGLETT, with High  
Honors  
MARIO JULIUS LATINA, with High  
Honors

JOHN DAVID MCCOLLUM, with Highest  
Honors

*In Liberal Arts and Sciences*

WILLIAM CLARENCE BENNEWITZ, with  
Highest Honors in Mathematics  
ROBERT FRANCIS BETTASSO  
LOIS RIGGS BINGAMAN  
JOHN EDWARD CARLSON  
VIVIAN CHRISTENSEN CASEY  
ROBERT FRANCIS CHAIKEN  
RITA HELEN CHERNOFF  
STERLING ALBERT COPELAND  
MAURICE ELWELL DARE  
MARY JEANNE EBERHARDT, with High-  
est Honors in Mathematics  
CHARLES FRANCIS ELLERMANN  
WESLEY EDWARD EVERTS  
LOIS MAY FELDSTEIN  
LAURA GWEN FRIES, with Highest  
Honors in Chemistry  
RENA SALLY GAINES  
GERALD DELAND GERNON, JR.  
EDGAR GEORGE HARRISON, JR., with  
Highest Honors in Chemistry  
PAUL HEIFETZ  
LOUIS HILDEBRAND  
RAYMOND LESTER JACOBS  
FAYE ANTOINETTE JOHNSON  
DONALD RICHARD JONES  
MARJORIE HELENA JOYCE  
BERNARD KLEINMAN  
ROBERT GEORGE KNAPP  
GEORGE CHARLES KNOLL, JR.

RICHARD WELLINGTON LASATER  
DON LEON LASSWELL  
JOHN LINCOLN LEM  
ALBERT FRED LOESCH  
WILLIAM JOSEPH MACKEY  
LOUIS MASLINOFF  
BILLY ROBERT MESTEL  
CHARLES PAUL MOLCAR  
JOHN DAVIS MORTIMER  
GUY JOHN NOERDINGER  
DONALD MYRON PAULL  
FRANK SANDERS PEACE  
BEVERLEY D'ETCHEGOYEN PORTER  
THOMAS BINNEY PORTER, with Highest  
Honors in Psychology  
RICHARD NORMAN ROSSAN  
JOSEPH BERNARD RUFFIN  
NORMAN MERVIN SADOWSKY  
DAVID JACKSON SCHARDT  
BERNARD HERBERT SMOOKLER  
RICHARD NATHANIEL SQUIBB  
JOHN RAYMOND STEENHAUSEN  
ALAN LAWRENCE STRAND  
ROBERT SIDNEY TAYLOR  
MARY ANTOINETTE TORTORICI  
RICHARD JOSEPH UNEKIS  
DONALD WALTER WAGNER  
HARRY GEARY WASHBURN  
WILLIAM EDWARD WILSON  
BRONISLAW RAPHEAL WONSIEWICZ



*In Speech Correction*

DOROTHY JEAN HOSTETTLER FITZGERALD	ROSALIND COOK PELMAN
JANE LOUISE FRASCA	PHYLLIS WITT PETERSON
EILEEN BARFKNECHT KRETZ	MILDRED VLASTA SLAPAK
JEAN MARY ELIZABETH MOORE	VALERIE ALICE WESTFIELD

*In the Teaching of Mathematics*

KATHERINE DELORES MORGAN

## COLLEGE OF EDUCATION

## Degree of Bachelor of Science

*In Education*

JACK EDWARD BESS	GWENDOLYN LOU KENT
WINONA HALBROOK CANNON	DORIS WARREN KOHR
JENNIE LUCILE DICKINSON	CRYSTAL PETTY LEWIS
BARBARA EDITH ENGBERG	CAMILLE DAVIS MARIEN
JOHN EMANUEL GOERWITZ	ALAN ROY MEDENDORP
EMMA MARIE GRABOWSKI	HAZEL LUCILE SHOEMAKER
LUCILLE WILHELMINA GRABOWSKI	GRACE BESSIE SMITH
RUTH AUSTIN GRANT	JOY LUVERE SMITH
THELMA MAY GUNDERSON	DOROTHY ELAINE SPARBERG

*In the Education of the Deaf*

LEONORA QUILL

*In the Education of Mentally Handicapped Children*

DORIS SILVER

*In Industrial Education*

MYRON MORSE BRADEN	ELTON EDWIN JEFFERS
JAMES MALCOLM BRUMMET	

## COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION

## Degree of Bachelor of Science

*In Accountancy*

JOHN WILLIAM ASHERMAN	JAMES DAVID MILLER
WILLIAM A. BEHRENS	CARL ALBERT MOLLER
WILLIAM RUSSELL BIGELOW	WILLIAM ANDREW MUELLER
JOHN ROBERT BOHBRINK	ROBERT WILLIAM OTTENS
BERNARD BREGMAN, with Honors	FRANCIS WILLIAM RAYMOND PELMAN
GORDON ELBERT CARNCROSS	CHARLES EVERETT PHILLIPS, JR.
BOHUMIL JOHN CHEJLAVA	THOMAS RUSSELL READ
KEITH ERWIN CHULOCK	PAUL HENRY SMITH
FRED CURREY	ROBERT HUGH SMITH
JOHN JAMES DESMOND, with Honors	ROBERT ROYCE SMITH
TONY PAUL DUBOSH	ROBERT EMMETT SULLIVAN
WELDON EUGENE GARBER, with Honors	RICHARD EUGENE THOMPSON
ROBERT EDWARD GENTRY, with Honors	ALAN WALLBANK
ORVILLE WALTER HAMANN	JIM EDWARD WEINEL
BERNARD FREDERICK HASENYAGER	MARY FRANCES WELLS
GUST ERIC HERMANSON	DONALD BYERS YERLY
HERMAN OTTO HERTENSTEIN	SEYMOUR ZITOMERSKY
WALTER DALE KERSHAW	SHEPARD ZITOMERSKY
DONALD ARTHUR LUNEBURG	

*In Banking and Finance*

JOSEPH JOYCE AMBROSE  
GEORGE ROBERT TURNER

HOWARD ELMER VARNER

*In Banking and Finance and Management*

JAMES RAY SMITH

*In Commerce and Law*

HARPER LAIMBEER ABBOT  
WILLIS DANIEL BIRCH  
ROBERT TAYLOR CLOUD

ROBERT GREGORY DENEEN  
FREDERICK SHEPHERD GREEN  
PHILIP ALLEN GROVE

*In Commercial Teaching*

GLADYS MAE ALT, with Honors

LEON WILLIAM BROUILLETTE

*In Economics*

JOSEPH GEORGE CARON  
MORRIS GREENBERG  
RAYMOND HAROLD IFFT  
CLIFFORD VANDAREL LAMBERT  
JOHN JOSEPH MALONEY, JR.

NORBERT GERHARD MCCABE  
DONALD AARON NEUMANN, with High  
Honors  
WILLIAM SAMUEL VILARDI  
FRANK XAVIER ZEIMETZ

*In Economics and Management*

RUSSELL STEPHEN BROWN

*In Economics and Marketing*

ROBERT WILLIAM DERUNTZ, with Honors

*In Industrial Administration*

PAUL MATHIAS ARGYELAN  
ROBERT K. HOUSTON  
JOHN WILLIAM JAACKS

WILLIAM HENRY JAMES RINGNESS  
IRVING SCHWARTZ  
ROBERT JAMES SPIELER

*In Management*

ROBERT STEERS BRAND, with Honors  
CAMPBELL KING EVANS  
EUGENE FREDERICK GREWE  
WARREN JAMES GURAS  
VERNOR GAIL HARRIS  
ROBERT AUGUST HINTZ  
DEWITT NICHOLS LANE, JR.  
PETER THOMAS LESSARIS  
ROBERT GEORGE MCCARTHEY  
ROBERT WANZER MCINTOSH

WALTER EARL MENARD  
RAYMOND THOMAS OLIVER, JR.  
WILLIAM WILSON OVERSTREET, JR.,  
with Honors  
PAUL GRIFFITH POMEROY  
ROBERT KING REGES  
WARREN RICHARD REINHOLD  
PHILLIP SIMMONS  
WALKER FRANK ZDUNEK

*In Management and Marketing*

FRANK FREDERICK BAKER  
ROBERT CLINTON DILLIER  
WILLIAM EDMOND DU PERRIEU  
HERBERT FEINBERG  
WILLIAM HENRY GILLIAM

ALBERT JOSEPH PUCCETTI  
JOSEPHINE ANN SIMON  
HENRY ANTHONY STAPINSKI  
GERALD RAY TAPP

*In Marketing*

KENNETH DWIGHT BASKIN  
RICHARD LOUIS BIERMAN  
THOMAS GERALD BRIGGS  
WILLIAM LEWIS BROOM, JR.  
ROBERT SWIFT DEAL  
RAYMOND HARRY DEIST  
JOSEPH DENNIS DYBAL  
GENE FAIRBANK  
WALTER GUSTAV FAY

WALTER RAYMOND FINLEY  
SIDNEY HERBERT FISHER  
FRANK EWING GLASCOCK  
GEORGE JOHN HAGER  
HOWARD LEE JACKSON  
WILLIAM ROBERT JEWSBURY  
LAWRENCE JULES KABINS  
JAMES PETER KARLOS  
BERNARD LOUIS MARCUS

ANDREW BILL MILLAS  
DAVID KENNETH MOORE  
ARBA HENRY OETJEN  
DONALD WARREN SEGAL

ROYAL JOHN SYNWOLT  
BERNARD FLOYD TENSING  
WILLIAM CARROLL THOMPSON  
GEORGE JOHN WIETOR

### SCHOOL OF JOURNALISM

#### Degree of Bachelor of Science

##### *In Journalism*

NORMAN ERWIN ACTON  
FRED HERMAN ANDERSON  
CARL EDMUND BEHR, JR.  
EUGENE DONALD BENGARD  
CHARLES RAYMOND BROWN  
VIRGINIA ANNE DAVIES  
ADELINE DEBIASIO  
BEN ISADORE DEITELBAUM  
DOLORES ENGEL  
ROBERT VROMAN ESMOND

MARGARET WALTON GORALSKI  
ROBERT STANLEY GORALSKI  
WILFRED JOHN GOREHAM, JR.  
JAMES HUBERT KANE  
JOHN MICHAEL LEMMON  
HENRY STEVEN OSINSKI  
HARRY OLIVER RICHARDS  
DONALD RICHARD SPIEK  
ARNOLD WINOGRAD

### COLLEGE OF FINE AND APPLIED ARTS

#### Degree of Bachelor of Science

##### *In Architectural Engineering*

FREEMAN ANDREW CHENEY  
RICHARD LEE DOYLE  
JOHN JAY FINA

EDWARD GREGG HARDESTY  
WALLACE EMIG JOBUSCH

##### *In Architecture*

EUGENE PAUL GRAHAM  
WILLIAM ROBERT KING  
CLIFTON JAMES MARSHALL  
DONALD WALTER SCHLICKAN, with  
Honors

ROBERT JANISSE SHERBURNE  
JACK WOOD

##### *In Music Education*

JEAN RULE BELT  
JANICE RUTH HONN

PHILLIP FRANCIS RACK, JR.

#### Degree of Bachelor of Fine Arts

##### *In Advertising Design*

DAVID HOWARD ATTEBURY  
JULES HENRY BESKIN  
GLORIA ANN GIBSON

CHARLES FRANKLIN HOPPIN  
ROBERT EARL RUTHER

##### *In Industrial Design*

REID MCCLELLAND ANTLE

##### *In Painting*

DOROTHY ROGERS HASCH, with Highest Honors  
ROSEMARY LOUIS, with Honors

#### Degree of Bachelor of Music

MARY JANE BENSCHOTER

DORIS PARKER SHEPHERD

### SCHOOL OF PHYSICAL EDUCATION

#### Degree of Bachelor of Science

##### *In Physical Education*

ROBERT LEON BUCHANAN  
ROBERT WILLIAM CUNZ  
ROBERT EUGENE ELLER

HENRY CARL FAETH  
HARRY JOHN FRIES, JR.  
ROBERT BRUCE GARRITY

GEORGE EUGENE LAIRD  
 WILLIAM JOSEPH MANNING  
 FREDERICK HAYES PRATT  
 HERBERT HILLEL ROSENGARD

OWEN DEAN SMITH  
 CHESTER EDWARD TROST  
 JAMES WILLIAM WOOD  
 SAMUEL ZATKOFF

#### DIVISION OF SPECIAL SERVICES FOR WAR VETERANS

##### Degree of Bachelor of Science

CHARLES EDWIN AGUAR, with Honors  
 WILLIAM HARRIS ALLAWAY  
 CLIFFORD WARREN ANDERSON  
 EVALD OSCAR ANDERSON  
 GABRIEL JOSEPH APRATI  
 FREDERICK JAMES ARDERN, JR.  
 ROBERT GENE AYLESWORTH  
 DONALD CARL BALDWIN  
 WALLACE BATTS  
 ALBERT FREDRICK BECKMANN  
 ROBERT DANIEL BELL, JR.  
 ROBERT FRANK BERG  
 ROBERT CLYDE BERRY  
 MARION RAY BLACK, with Honors  
 JOHN CARL BLAIR  
 ROBERT LEVERNE BLOOMFIELD  
 REX ELWIN BOWSER  
 OTHA LEON BRANDON  
 WILLARD HALE BRIEN  
 ROBERT ORMUS BROCKETT  
 MARSHALL JEROME BRYSKIER  
 CURTIS ROBERT BURAU  
 THOMAS LLOYD CAIRNS  
 ROBERT HAROLD CARDENAS  
 GERALD MARCENE CARR  
 WARREN GLADMAN CLARK  
 EARL WILLIAM CLAUS  
 GERALD VERNON CLEARY  
 FRANK HARRY COLECK  
 HORACE EUGENE COLLIER  
 BARTON LEE CROSS  
 CHARLES CLIFFORD CURTIS  
 FRANK LOUIS DASH  
 JACK LEWIS DEMPSEY  
 JAMES CANTWELL DOLAN  
 WILLIAM FASIG DOWNEY  
 WILLIAM ROBERT DRISCOLL, with Honors  
 GEORGE THOMAS DUPRE  
 ATHAN JOHN ECONOMIDES  
 JULIUS PETER EFFLANDT  
 HENRY JOHN EICKEN  
 WILLIAM JEROME ELLIOTT  
 LOUIS ANTHONY ERDELYAN  
 RICHARD WILLIAMS EVANS  
 ALVIN VINCENT FEND, JR.  
 DONALD ELWYN FLAHERTY  
 DONALD JOSEPH FREUND  
 HERBERT MORTON FRUMKES  
 MARTHA WILLETT GAEBE  
 FRANK JOSEPH GAUDIO  
 KELLY CHARLES GRAHAM

ROBERT NIXON GRAY  
 JOSEPH JULIUS GREEN, with High  
 Honors in Business Organization  
 and Operation  
 STEWART PROUGH GREENE  
 WILLIAM WAYRICH HALLSTEIN  
 FREDRICK ARTHUR HAMILTON  
 RICHARD ALBERT HARDING  
 JORDAN CHARLES HAUSS  
 DONALD ELLIOTT HENRY  
 ALLEN EDWARD HERMANSON  
 MERRILL EDWARD HOLDEN  
 GERALD GLENN HOLSINGER  
 RAY ELIJAH HOWSER, with Honors  
 ARTHUR JOHN JACKSON  
 CARL MILLARD JACOBS  
 ROBERT THOMAS JENNINGS  
 JAMES RITO JIMENEZ  
 WILLIAM ELMO JOHNSTON  
 HARVEY IRWIN KAPLAN  
 HOMER THEODORE KIPLING  
 BERNARD CHARLES KIRCHHOFF, with  
 Honors  
 MORRIS MAX KLAIMAN, with Honors  
 ALFRED NORMAN KOPLIN  
 ALLAN MARVIN KRELL  
 EDWARD HENRY KUKUK, JR.  
 WARREN SAMUEL LANGER  
 JOSEPH LANIGAN  
 PAUL WILLIAM LARSEN  
 JAMES BERNARD LARSON  
 JOHN KEITH LAUMER  
 DALE MARTIN LEARNED  
 DALE AUSTIN LEBARON  
 MARTIN LEWIS LEBWITH  
 DAVID ALEXANDER LEIBMAN  
 STANLEY EDWARD LELAND, JR.  
 CLIFFORD ALLEN LESSING  
 SILVAN ETON LEVINSON  
 RAYMOND JOSEPH LEVITT  
 WILLIAM BERNARD LICHTER  
 ROBERT LIEBERMAN  
 ROBERT MURRELL LOHRENZ  
 JOHN LOPRIENO  
 EDGAR ALLEN LUTTRELL  
 DENNY JOSEPH MCGARRY  
 WARREN STUART MCGREGOR  
 JAMES PATRICK MCMANUS  
 LEON MERSON  
 CHESTER ROBERT MICHAEL  
 MERRITT SINCLAIR MOORE

ARTHUR FRANK MUELLER, JR.  
 BYRON EDWIN MUNSON  
 JOSEPH FRANCIS MURTHA, JR.  
 THOMAS HADDOW NICOLL  
 NEDELKO ORLICH  
 DALE EMMERSON PARRO  
 RALPH KENNETH PEEK  
 WILLIAM AUGUSTUS PEEPLES  
 ERVIN EDWARD PERMODA  
 PIERCE OWEN PICKENS  
 JACK WARREN PIERCE, with Highest  
 Honors in Geology  
 ROBERT LOUIS PILKINGTON  
 CHARLES LYMAN POWERS  
 JOHN FREDERICK PRESCOTT  
 WALTER JAMES PRESTON  
 MARVIN REICHENSTEIN  
 NORMAN AUGUST REUSCHER  
 MARTIN MITCHELL RHODES  
 OSBORNE LAWRENCE RIDER, JR.  
 JACK ARNOLD RIEGERT  
 JOHN WILLIAM ROLLEY  
 PAUL RUBINSTEIN  
 ALLEN SAIDEL  
 WARD ROBERT SCHAFER, JR.  
 ROBERT GEORGE SCHLESINGER  
 VICTOR ALBERT SCHMITT, with High  
 Honors in Education

RICHARD WILLIAM SCOTT  
 JOHN WILLIAM SENDER  
 ROBERT ABBOTT SHIMER  
 JOHN DAVID SILVER  
 STANLEY REGAN SLEETER  
 FRANK M. SMITH  
 HAROLD EDWIN SMITH, JR.  
 JAMES ALLEN SMITH  
 WILLIAM HORN SMITH, with Honors  
 MORRIS BAER SQUIRE  
 EDWARD HENRY STACHYRA  
 ROGER ALEXANDER STANKEY  
 RAY GEORGE STEELE  
 HOWARD LEWIS STEWART  
 WILLIAM FRANK TAFT  
 RICHARD KENNETH TOBIN  
 DONALD HUBERT VAN STEENWYK  
 CHARLES EILERT VIEROW  
 LEONARD ANTHONY WAITCHES  
 JAMES CARTER WAKEFIELD  
 HOWARD ELMER WARD  
 WILLIAM WESLEY WARREN  
 JAMES FRANCIS WATERS  
 BYRON KENT WATKINS  
 ROBERT WATSON, JR.  
 DONALD LEE WILLS  
 NORLAND REXFORD WILSON  
 RICHARD GEORGE YOUNGE

#### CONTRACT WITH MEDICAL CENTER COMMISSION

##### *Resolution*

*Whereas*, the Board of Trustees of the University of Illinois has approved an agreement with the Medical Center Steam Company providing for the construction by the Steam Company of a central steam plant and distribution system for the furnishing of steam service to the University and through the University to other institutions located within the Medical Center District in Chicago as defined in such agreement; and

*Whereas*, the Illinois Commerce Commission has approved said agreement; and

*Whereas*, an agreement between the Board of Trustees and the Medical Center Commission is desired for the clarification of certain matters relative to the operation of said agreement between the Board of Trustees and the Medical Center Steam Company; and

*Whereas*, such agreement between the Board of Trustees and the Medical Center Commission has been prepared and presented to the Executive Committee of the Board of Trustees;

*Therefore Be It Resolved*, by the Executive Committee of the Board of Trustees that the proposed agreement between the Board of Trustees and the Medical Center Commission is hereby approved, and the Comptroller and Secretary of this Board be and are hereby authorized, empowered, and directed, in the name and on behalf of this Board, to execute and deliver such agreement.

##### *Contract Between the Board of Trustees of the University of Illinois and Medical Center Commission*

This AGREEMENT made this 9th day of August, 1949, by and between the Board of Trustees of the University of Illinois, a Public Corporation (hereinafter called the University), and the Medical Center Commission, a Public Corporation,

## WITNESSETH:

*Whereas*, Medical Center Steam Company (hereinafter called the Steam Company), has been incorporated under the laws of the State of Illinois and is authorized by its charter to furnish steam service to the University and through the University to other institutions within the Medical Center District in the City of Chicago, Illinois, and

*Whereas*, the University and the Steam Company have entered into a contract dated July 1, 1949, for the construction, operation, and maintenance by the Steam Company of a steam plant and distribution system in the Medical Center District, a copy of which contract is hereto attached, and

*Whereas*, the Illinois Commerce Commission on July 29, 1949, entered an order in case No. 37530, granting to the Steam Company a certificate of convenience and necessity for the construction, operation, and maintenance of such steam plant and distribution system as described in said order and said contract, and

*Whereas*, the Medical Center Commission was created and exists under and by virtue of an act of the General Assembly of the State of Illinois, and under the provisions of said act has certain rights, powers, privileges, and obligations with respect to said Medical Center District, and it is desired that all qualified applicants for steam service within said District be furnished with steam service under and pursuant to the provisions of said contract;

*Now, Therefore*, the parties do hereby agree as follows:

Upon certification by the Medical Center Commission to the University at any time, or from time to time, that a governmental agency, charitable institution or other institution located within the Medical Center District, is in the judgment of the Medical Center Commission a qualified applicant for steam service, the University agrees to cause such service to be furnished to such applicant subject to the provisions of the said contract and the availability of an adequate steam supply for such applicant within the firm capacity of the plant upon compliance by such applicant with the following terms and conditions:

- (a) That such applicant shall enter into an agreement with the University to take steam service and to compensate the University for such service.
- (b) That the charges for such service shall be fixed by the University on a fair and equitable basis.
- (c) In the event that any applicant and the University are unable to agree upon a fair and equitable basis for such charges, then the fair and equitable basis for such charges shall be determined jointly by the University and the Medical Center Commission.
- (d) Should the University and the Medical Center Commission be unable to agree on a fair and equitable basis for such charges, in that event the then Governor of the State of Illinois or such person, persons or agency as he may designate shall determine what the fair and equitable charges for such services shall be, and such determination shall be binding on the parties hereto.

*In Witness Whereof*, the University has caused this instrument to be executed in its corporate name by its Comptroller and its Secretary, and its corporate seal to be hereunto affixed by its Secretary, and the Medical Center Commission has caused this agreement to be executed in its corporate name by its President, and its corporate seal to be hereunto affixed and attested by its Secretary, all in duplicate as of the day and year first above written.

**CLINICAL FACULTY OF THE COLLEGE OF MEDICINE**

I recommend that appointments be made to the nonsalaried, or clinical, faculty of the College of Medicine for the academic year beginning September 1, 1949, as indicated, and that the President of the University be authorized to make such additional appointments and other changes as are desirable and necessary.

Appointments are for one year from September 1, 1949, unless otherwise indicated. All appointments have been approved by Vice-President A. C. Ivy.

A summary by departments of the number of appointments with the comparative figures for 1948-1949 is also submitted.

Summary			
Department		1948-1949	1949-1950
Anatomy.....		6	8
Bacteriology.....		9	5
Biological Chemistry.....		2	2
Clinical Science.....		2	1
Criminology and Legal Medicine.....		12	11
Dermatology.....		19 (2) <sup>1</sup>	20 (2) <sup>1</sup>
Illustration Studios.....		1	1
Medicine.....		182 (11)	193 (11)
Neurology and Neurological Surgery.....		14 (1)	19 (1)
Obstetrics and Gynecology.....		54 (8)	51 (8)
Ophthalmology.....		49 (3)	58 (3)
Orthopaedic Surgery.....		18	16
Otolaryngology.....		37 (2)	50 (2)
Pathology.....		17	21
Pediatrics.....		48 (4)	42 (3)
Pharmacology.....		5	5
Physical Medicine.....		5	..
Physiology.....		5	4
Preventive Medicine and Public Health.....		..	6
Psychiatry.....		43 (2)	43 (2)
Radiology.....		12	16
Surgery (including Urology and Anesthesia).....		104 (7)	118 (7)
Total.....		644 (40) <sup>1</sup>	690 (39) <sup>1</sup>

### Anatomy

VERBRUGGHEN, ADRIEN, B.M., Ch.M., M.S., Clinical Professor of Neurological Surgery (Rush), assigned to Anatomy part time  
 FELL, EGBERT H., A.B., M.D., Clinical Associate Professor of Surgery (Rush), assigned to Anatomy part time  
 STRAUS, FRANCIS H., B.S., M.D., Clinical Associate Professor of Surgery (Rush), assigned to Anatomy part time  
 CIPOLLA, ARTHUR F., B.S., M.D., Clinical Instructor  
 HART, DALE E., A.B., M.D., Clinical Instructor  
 ZIMRING, ALLAN J., B.S., M.D., Clinical Instructor  
 MOONEY, FELIX P., M.D., Clinical Assistant  
 ROTTSCHAFER, HENRY W., A.B., M.D., Clinical Assistant

### Bacteriology

SHAUGHNESSY, HOWARD J., Ph.D., Professor  
 FELSENFELD, OSCAR, M.D., Professorial Lecturer  
 FORSTER, GEORGE F., Ph.D., Assistant Professor  
 KEMPF, ALICE H., Ph.D., Research Associate  
 KNOLL, ELTA W., B.S., Assistant

### Biological Chemistry

MACFADYEN, DOUGLAS A., A.M., M.D., Professor (Rush) (*Indefinite*)  
 HORWITT, MAX K., Ph.D., Assistant Professor

### Clinical Science

KRASNO, LOUIS R., Ph.D., M.D., Assistant Professor

### Criminology and Legal Medicine

DARROW, CHESTER W., Ph.D., Clinical Associate Professor of Criminology  
 FRENCH, THOMAS M., A.B., M.D., Clinical Associate Professor of Criminology  
 BARRICK, ROY G., M.D., Clinical Assistant Professor of Criminology

<sup>1</sup> The figures in parenthesis indicate the number of emeritus members.

FALSTEIN, EUGENE I., B.S., M.D., Clinical Assistant Professor of Criminology  
 GREENBERG, HAROLD A., M.D., Clinical Assistant Professor of Criminology  
 HAINES, WILLIAM H., B.S., M.D., Clinical Assistant Professor of Criminology  
 BRANDON, RODNEY H., Lecturer in Public Welfare Administration  
 LINCK, LAWRENCE J., M.S., Lecturer in Public Welfare Administration  
 PERCE, FRANCES C., M.S., Clinical Associate in Criminology  
 WEINFELD, GUSTAV F., M.D., Clinical Associate in Criminology  
 ALTMAN, CHARLOTTE H., Ph.D., Clinical Instructor in Criminology

### Dermatology

ORMSBY, OLIVER S., M.D., Professor (Rush), *Emeritus*  
 MITCHELL, JAMES H., B.S., M.D., Clinical Professor (Rush), *Emeritus*  
 WEBER, LEONARD F., M.D., Clinical Professor  
 CARO, MARCUS R., B.S., M.D., Clinical Professor  
 EBERT, MICHAEL H., A.B., M.D., Clinical Professor (Rush)  
 FINNERUP, CLARK W., B.S., M.D., Clinical Associate Professor (Rush)  
 PERLSTEIN, MINNIE O., B.S., M.D., Clinical Associate Professor  
 NEUHAUSER, IRENE, B.S., M.D., Clinical Assistant Professor  
 GRIFFITH, PAUL R., A.B., M.D., Clinical Associate  
 HETREED, FRANCIS W., B.S., M.D., Clinical Associate (Rush)  
 OMENS, DAVID V., M.D., Clinical Associate (Rush)  
 ROLL, HARVEY C., B.S., M.D., Clinical Associate  
 SLEPYAN, ALBERT H., B.S., M.D., Clinical Associate  
 BOSWELL, PAUL P., A.B., M.D., Clinical Instructor  
 BUCHHOLZ, ALEXANDER M., M.S., M.D., Clinical Instructor  
 FELSHER, ZACHARY, B.S., M.D., Clinical Instructor (Rush)  
 OLIVER, RICHARD M., A.B., M.D., Clinical Instructor  
 OMENS, HAROLD, M.D., Clinical Instructor (Rush)  
 ROBIN, MILTON, B.S., M.D., Clinical Instructor  
 GRAFFIN, JACK W., M.D., Clinical Assistant

### Illinois Eye and Ear Infirmary

SKINNER, MERTON B., Clinical Instructor

### Illustration Studios

LINDEN, CARL T., Instructor in Medical Illustration

### Medicine

BROWN, RALPH C., B.S., M.D., Clinical Professor (Rush), *Emeritus*  
 HERRICK, JAMES B., A.B., LL.D., M.D., Clinical Professor (Rush), *Emeritus*  
 IRONS, ERNEST E., Ph.D., M.D., Clinical Professor (Rush), *Emeritus*  
 POST, WILBER E., Ph.D., M.D., Clinical Professor (Rush), *Emeritus*  
 STRAUSS, SIDNEY, A.B., M.D., Clinical Professor, *Emeritus*  
 TICE, FREDERICK, M.D., Clinical Professor, *Emeritus*  
 WOODYATT, ROLLIN T., B.S., M.D., Clinical Professor (Rush), *Emeritus*  
 ARKIN, AARON, Ph.D., M.D., Clinical Professor (Rush)  
 ARMSTRONG, S. HOWARD, JR., A.B., M.D., Professor (Rush)  
 CAMPBELL, LEO K., B.S., M.D., Clinical Professor (Rush)  
 EYERLY, JAMES B., B.S., M.D., Clinical Professor (Rush)  
 FREILICH, ELLIS B., M.D., Clinical Professor (*Indefinite*)  
 GATEWOOD, LEE C., A.M., M.D., Clinical Professor (Rush)  
 HIBBS, WILLIAM G., B.S., M.D., Clinical Professor (Rush)  
 KELLY, FRANK B., B.S., M.D., Clinical Professor (Rush)  
 MEYER, JACOB, M.S., M.D., Clinical Professor (*Indefinite*)  
 SLOAN, LEROY H., B.S., M.D., Clinical Professor (*Indefinite*)  
 THOMAS, WILLIAM A., Ph.B., M.D., Clinical Professor (Rush)  
 THOMPSON, WILLARD O., B.S., M.D., Clinical Professor  
 YOUMANS, JOHN B., M.S., M.D., Professor (also Dean of the College of Medicine, with salary)



- CHAUVET, FRANK D., M.D., Clinical Associate Professor, *Emeritus*  
 GOLDBERG, BENJAMIN, M.D., Clinical Associate Professor, *Emeritus*  
 FELDMAN, LOUIS, B.S., M.D., Clinical Associate Professor  
 FORAN, FRANCIS L., M.S., M.D., Clinical Associate Professor (Rush)  
 KARK, ROBERT M., A.B., M.R.C.S., L.R.C.P., M.R.C.P., D.C.H., Associate Professor  
 LUNDY, CLAYTON J., M.S., M.D., Clinical Associate Professor (Rush)  
 LUSK, FRANK B., A.M., M.D., Clinical Associate Professor  
 PERNOKIS, EVANS W., M.D., Clinical Associate Professor (Rush)  
 PORTIS, SIDNEY A., B.S., M.D., Clinical Associate Professor (Rush)  
 RABENS, ISIDORE A., M.S., M.D., Clinical Associate Professor  
 RAGINS, OSCAR B., M.S., M.D., Clinical Associate Professor  
 RAPPAPORT, BEN Z., M.S., M.D., Clinical Associate Professor  
 SHEAFF, HOWARD M., Ph.D., M.D., Clinical Associate Professor (Rush)  
 TRAUT, EUGENE F., B.S., M.D., Clinical Associate Professor (Rush)  
 TRIMMER, RALPH W., M.D., Clinical Associate Professor (Rush)  
 VANDERKLOOT, ALBERT, M.D., Clinical Associate Professor  
 FREDRICKSON, FREDERICK O., M.D., Assistant Professor (Rush), *Emeritus*  
 WILSON, FRANKLIN S., Ph.G., M.D., Assistant Professor (Rush), *Emeritus*  
 ABRAMSON, DAVID I., M.D., Clinical Assistant Professor  
 AFREMOW, MELVIN L., M.S., M.D., Clinical Assistant Professor  
 AMTMAN, LEO E., B.S., M.D., Clinical Assistant Professor  
 BARTON, EVAN M., A.B., M.D., Clinical Assistant Professor (Rush)  
 BERNSTEIN, ARTHUR, B.S., M.D., Clinical Assistant Professor  
 BERSON, ROBERT C., A.B., M.D., Assistant Professor (also Assistant Medical Director of the Research and Educational Hospitals, and Assistant Dean of College of Medicine, with salary)  
 BOIKAN, WILLIAM S., M.S., M.D., Clinical Assistant Professor  
 BUTLER, STUYVESANT, Ph.B., M.D., Clinical Assistant Professor (Rush)  
 CALLOWAY, NATHANIEL O., Ph.D., M.D., Clinical Assistant Professor  
 CAMPBELL, JAMES A., M.D., Assistant Professor (Rush)  
 CARTER, JAY B., M.S., M.D., Clinical Assistant Professor (Rush)  
 DEUSS, HUGO O., B.S., M.D., Clinical Assistant Professor  
 FISCHER, JACOB W., B.S., M.D., Clinical Assistant Professor  
 FISHBEIN, MORRIS, B.S., M.D., Ph.D., Clinical Assistant Professor (Rush)  
 GARDINER, JOHN A., A.M., M.D., Clinical Assistant Professor (Rush)  
 GRAY, EARLE, B.S., M.D., Clinical Assistant Professor (Rush)  
 HILKEVITCH, BENJAMIN H., M.D., Clinical Assistant Professor (Rush)  
 JONES, ROBERT M., A.B., M.D., Clinical Assistant Professor  
 KNIGHT, ALVA A., B.S., M.D., Clinical Assistant Professor (Rush)  
 LEVITT, ROBERT O., A.B., M.D., Clinical Assistant Professor  
 LICHTENSTEIN, MEYER R., M.S., M.D., Clinical Assistant Professor  
 McMILLAN, J. CHARLES, JR., B.S., M.D., Clinical Assistant Professor  
 MOSKO, MILTON M., B.S., M.D., Clinical Assistant Professor  
 PROPST, DUANE W., A.B., B.S., M.D., Clinical Assistant Professor (on leave of absence for one year beginning September 1, 1949)  
 ROBERG, NORMAN B., M.D., Clinical Assistant Professor  
 ROSENBLUM, SAMUEL H., B.S., M.D., Clinical Assistant Professor  
 SPELLBERG, MITCHELL A., M.D., Clinical Assistant Professor  
 STECK, IRVING E., M.S., M.D., Clinical Assistant Professor  
 STRAUS, ELIZABETH K., A.B., M.D., Clinical Assistant Professor (Rush)  
 STUPPY, GEORGE W., Ph.D., M.D., Clinical Assistant Professor (Rush)  
 WOOD, WILLARD L., M.S., M.D., Clinical Assistant Professor (Rush)  
 WOODRUFF, LEWIS W., B.S., M.D., Clinical Assistant Professor (Rush)  
 AKRE, OSMUND H., A.B., M.D., Clinical Associate (Rush)  
 BAIRD, THOMAS A., B.S., M.D., Clinical Associate (Rush)  
 BENNETT, JOSEPH R., A.B., M.D., Clinical Associate (Rush)  
 BERG, MAX, Ph.D., M.D., Clinical Associate  
 BERNSTEIN, MAX M., B.S., M.D., Clinical Associate  
 BREUHAUS, HERBERT C., B.S., M.D., Clinical Associate (Rush)  
 BROWN, RALPH G., A.B., M.D., Clinical Associate (Rush)

BYFIELD, GEORGE V., M.S., M.D., Clinical Associate  
DITKOWSKY, SAMUEL E., B.S., M.D., Clinical Associate  
EDDIN, LOUIS, B.S., M.D., Clinical Associate  
GALT, RAYMOND M., A.B., M.D., Clinical Associate  
GROSZ, EUGENE, M.D., Clinical Associate  
GUNTHER, AARON, B.S., M.D., Clinical Associate  
HOOVER, HAROLD M., B.S., M.D., Clinical Associate  
HUTCHISON, WILLIAM A., M.D., Clinical Associate  
HYMAN, SAMUEL, M.P.H., B.S., M.D., Clinical Associate  
IRONS, EDWIN N., B.S., M.D., Clinical Associate (Rush)  
KAPLAN, MORRIS A., M.S., M.D., Clinical Associate  
KINNEY, JANET R., B.S., M.D., Clinical Associate  
KIRBY, WILLIAM J., B.S., M.D., Clinical Associate (Rush)  
MEHLMAN, JEROME S., A.B., M.D., Clinical Associate  
NECHELES, JOHN R., M.D., Clinical Associate  
NELSON, BERTRAM G., B.S., M.D., Clinical Associate (Rush)  
PAUL, OGLESBY, A.B., M.D., Clinical Associate (Rush)  
PERLMAN, LAWRENCE, B.S., M.D., Clinical Associate  
RAVENNA, PAUL, M.D., Clinical Associate  
RICEWASSER, HENRY, B.S., A.B., M.D., Clinical Associate  
RITTER, ISRAEL I., B.S., M.D., Clinical Associate  
ROSENBLUM, ALFRED H., B.S., M.D., Clinical Associate  
SCHICK, ARMIN F., B.S., M.D., Clinical Associate (Rush)  
SIMKIN, MAURICE, B.S., M.D., Clinical Associate (Rush)  
SIMKIN, WILLIAM, B.S., M.D., Clinical Associate (Rush)  
TURNER, GEORGE C., B.S., M.D., Clinical Associate (Rush)  
WILLIAMS, JAMES L., A.M., M.D., Clinical Associate  
WOLF, ALEXANDER, B.S., M.D., Clinical Associate  
AREN, MARVIN W., B.S., M.D., Clinical Instructor  
BEINAR, PETER J., B.S., M.D., Clinical Instructor  
BERKE, ROBERT D., M.D., Clinical Instructor  
BICA, GAETANO A., B.S., M.D., Clinical Instructor  
CARSTENS, H. PAUL, M.S., M.D., Clinical Instructor  
CRONHEIM, ERNST, M.D., Clinical Instructor  
DETRANA, FRANK A., M.D., Clinical Instructor  
DEYOUNG, WILLARD G., B.S., M.D., Clinical Instructor (Rush)  
DICKEY, MARVIN M., M.D., Clinical Instructor (Rush)  
EHRlich, NORMAN J., M.S., M.D., Clinical Instructor  
FEINHANDLER, EMANUEL J., B.S., M.D., Clinical Instructor  
FISHER, DON L., B.S., M.D., Clinical Instructor (Rush)  
FRANZBLAU, SANFORD A., M.S., M.D., Clinical Instructor  
GREGORIO, JOHN T., M.D., Clinical Instructor  
GURVEY, JULIUS A., B.S., M.D., Clinical Instructor  
HARTMAN, ESLE, A.B., M.D., Clinical Instructor  
HENNEMEYER, RUDOLPH J., M.D., Clinical Instructor (Rush)  
HORWITZ, HARVEY, B.S., M.D., Clinical Instructor  
HULL, BARBARA J., A.B., M.D., Clinical Instructor  
JANSON, C. HELGE M., B.S., M.D., Clinical Instructor (Rush)  
JESSER, JOSEPH H., B.S., M.D., Clinical Instructor  
KESLER, ROLAND L., A.B., M.D., Clinical Instructor (Rush)  
LEVINE, HOWARD J., B.S., M.D., Clinical Instructor  
LEWIS, WARREN C., A.B., B.S., M.D., Clinical Instructor  
LUBIN, JEROME J., B.S., M.D., Clinical Instructor  
PETRAKOS, HARRY N., B.S., M.D., Clinical Instructor  
POLLEY, THEODORE Z., B.S., M.D., Clinical Instructor  
POST, JOHN, B.S., M.D., Clinical Instructor (Rush)  
RHETTA, HELEN L., A.B., M.D., Clinical Instructor  
ROSANOVA, ALBERT R., B.S., M.D., Clinical Instructor  
SAPIENZA, ANTHONY R., B.S., M.D., Clinical Instructor  
SARGENT, FREDERICK, II, B.S., M.D., Clinical Instructor  
SCALA, RALPH A., LL.B., M.D., Clinical Instructor

SCHWARTZ, HARRY R., B.S., M.D., Clinical Instructor  
SINGER, JOHN D., B.S., M.D., Clinical Instructor  
SEVERSTONE, LOUIS A., A.B., M.D., Instructor (Rush)  
SLADEK, WILLIAM R., B.S., M.D., Clinical Instructor  
TELSEER, STANLEY E., A.B., M.D., Clinical Instructor  
TIMBLIN, WILLIAM S., B.S., M.D., Clinical Instructor  
YELLEN, HARRY J., B.S., M.D., Clinical Instructor  
ZELLER, MICHAEL, M.D., Clinical Instructor  
WIEN, NORMAN A., B.S., M.D., Clinical Instructor  
BALLARD, GEORGE P., B.S., M.D., Clinical Assistant  
BASKETT, LINDSAY M., B.S., M.D., Clinical Assistant (Rush)  
BEAUBIEN, MARK S., B.S., M.D., Clinical Assistant (Rush)  
BEST, WILLIAM R., B.S., M.D., Clinical Assistant (also Resident in Medicine at  
Research and Educational Hospitals, with salary)  
BLACK, ARNOLD, B.S., M.D., Clinical Assistant  
BRETZ, WILLIAM E., B.S., M.D., Clinical Assistant (Rush)  
CHAPMAN, ROBERT A., A.B., M.D., Clinical Assistant  
CHERTACK, MELVIN M., M.S., M.D., Clinical Assistant (also Resident in Medicine  
at Research and Educational Hospitals, with salary)  
DE JONG, GEORGE A., M.D., Clinical Assistant (Rush)  
DONOVAN, DANIEL L., M.D., Clinical Assistant (Rush)  
FARAGO, PETER J., M.D., Clinical Assistant (Rush)  
FORREST, RUSSELL A., M.D., Clinical Assistant (also Resident in Medicine at  
Research and Educational Hospitals, with salary)  
GIANASI, CHARLES A., A.B., M.D., Clinical Assistant (also Resident in Medicine  
at Research and Educational Hospitals, with salary)  
GRIMELLI, LUKE J., M.D., Clinical Assistant  
GRUNDSET, LLOYD H., B.S., M.D., Clinical Assistant  
HALL, F. RICHARD, B.S., M.D., Clinical Assistant (Rush)  
HARTLEY, HENRIETTA S., M.D., Clinical Assistant  
HISS, FREDERICK W., M.D., Clinical Assistant (Rush)  
JACKSON, EDWARD L., B.S., M.D., Clinical Assistant  
JORANSON, ROBERT E., B.S., M.D., Clinical Assistant (Rush)  
KALB, CLIFFORD H., M.D., Clinical Assistant  
MARTIN, CLEMENT G., M.S., M.D., Clinical Assistant (Rush)  
MCBRIDE, DONALD F., B.S., M.D., Clinical Assistant (Rush)  
MCGRATH, CHARLES D., A.B., M.D., Clinical Assistant (Rush)  
MEREDITH, PAUL A., A.B., M.D., Clinical Assistant (also Resident in Medicine at  
Research and Educational Hospitals, with salary)  
MORRIS, ROGER S., M.D., Clinical Assistant (Rush)  
NARUT, LEO F., A.B., B.S., M.D., Clinical Assistant  
O'BRIEN, DONALD E., M.D., Clinical Assistant (Rush)  
PILLING, WARREN C., B.S., M.D., Clinical Assistant (Rush)  
RAY, MARY, B.S., M.D., Clinical Assistant (Rush)  
ROSENBLUM, ABRAHAM I., B.S., M.D., Clinical Assistant  
SCHNAER, IRA L., M.D., Clinical Assistant (Rush)  
SCHUPP, JOSEPH G., A.B., M.D., Clinical Assistant (Rush)  
SIEGEL, ALFRED L., B.S., M.D., Clinical Assistant  
SLOTT, IRVING, B.S., M.D., Clinical Assistant  
TESCHAN, PAUL E., M.S., M.D., Clinical Assistant (Rush)  
THRIFT, C. B., B.S., M.D., Clinical Assistant (Rush)  
VORHAUS, LOUIS J., II, M.D., Clinical Assistant (also Resident in Medicine at  
Research and Educational Hospitals, with salary)  
WEINBERG, BERNHARD J., B.S., M.D., Clinical Assistant  
WEINER, ROBERT G., B.S., M.D., Clinical Assistant  
WEISS, EUGENE, M.S., M.D., Clinical Assistant  
YONAN, JOHN B., M.D., Clinical Assistant  
YOUNG, CHARLES W., M.D., Clinical Assistant (also Resident in Medicine at Re-  
search and Educational Hospitals, with salary)  
STENN, FREDERICK, M.S., M.D., Lecturer in History of Medicine

**Neurology and Neurological Surgery**

AVERY, LOREN W., A.B., M.D., Clinical Professor of Neurology (Rush)  
 VERBRUGGHEN, ADRIEN, B.M., Ch.M., M.S., Clinical Professor of Neurological Surgery (Rush), assigned to Anatomy part time  
 LICHTENSTEIN, BEN W., B.S., M.D., Associate Professor of Neurology  
 GUSTAFSON, WESLEY A., M.D., Clinical Assistant Professor of Neurological Surgery  
 HAASE, ERNST, M.D., Clinical Assistant Professor of Neurology  
 ZEITLIN, HOWARD, M.S., M.D., Clinical Assistant Professor of Neurology  
 HARDT, HARRY G., Ph.G., M.D., Clinical Associate in Neurology (Rush),  
*Emeritus*  
 CASCINO, JOSEPH P., M.D., Clinical Instructor in Neurosurgery  
 SPEIGEL, I. JOSHUA, M.D., Clinical Instructor in Neurosurgery  
 TEXTOR, CHARLES S., II, M.S., M.D., Clinical Instructor in Neurosurgery (Rush)  
 VONWITZLEBEN, HENRY D., M.D., Clinical Instructor in Neurology  
 ZOLT, NATHAN, M.D., Clinical Instructor in Neurology  
 AMADOR, LUIS V., B.S., M.D., Clinical Assistant (also Resident at Research and Educational Hospitals, with salary)  
 CRANDALL, PAUL H., B.S., M.D., Clinical Assistant (also Resident at Research and Educational Hospitals, with salary)  
 FRESHWATER, DONALD B., M.D., Clinical Assistant (also Resident at Research and Educational Hospitals, with salary)  
 HEIMBURGER, ROBERT F., B.S., M.D., Clinical Assistant in Neurosurgery  
 OBERHILL, HAROLD R., B.S., M.D., Clinical Assistant in Neurosurgery  
 SCHWARTZ, MELVIN L., B.S., M.D., Clinical Assistant (also Resident at Research and Educational Hospitals, with salary)  
 WOODS, ROBERT P., B.S., M.D., Clinical Assistant (also Resident at Research and Educational Hospitals, with salary)

**Obstetrics and Gynecology**

HOLMES, RUDOLPH W., M.D., Professor (Rush), *Emeritus*  
 WEBSTER, JOHN C., M.D., Professor (Rush), *Emeritus*  
 BAER, JOSEPH L., M.S., M.D., Clinical Professor (Rush), *Emeritus*  
 HEANEY, NOBEL S., A.B., M.D., Clinical Professor (Rush), *Emeritus*  
 ALLEN, EDWARD D., B.S., M.D., Clinical Professor (Rush)  
 KANTER, AARON E., M.S., M.D., Clinical Professor (Rush)  
 LASH, ABRAHAM F., M.D., Ph.D., Clinical Associate Professor  
 HAMMOND, WALTER C., M.D., Clinical Assistant Professor, *Emeritus*  
 LANG, JOHN M., M.D., Clinical Assistant Professor, *Emeritus*  
 NEWBERGER, CHARLES, B.S., M.D., Clinical Assistant Professor, *Emeritus*  
 STONE, FRANK L., M.D., Clinical Assistant Professor, *Emeritus*  
 BOLEY, MICHAEL H., B.S., M.D., Clinical Assistant Professor  
 BOYSEN, HARRY, B.S., M.D., Clinical Assistant Professor (Rush)  
 KLAWANS, ARTHUR H., B.S., M.D., Clinical Assistant Professor (Rush)  
 KOBAK, ALFRED J., M.S., M.D., Clinical Assistant Professor  
 LIFVENDAHL, RICHARD A., B.S., M.D., Clinical Assistant Professor  
 PRIEST, FRED O., A.B., M.D., Clinical Assistant Professor (Rush)  
 SERED, HARRY, M.D., Clinical Assistant Professor  
 CAREY, CLAIR M., B.S., M.D., Clinical Associate  
 DARO, AUGUST F., M.D., Clinical Associate  
 DRAA, CECIL C., B.S., M.D., Clinical Associate (Rush)  
 TETON, JOSEPH B., B.S., M.D., Clinical Associate  
 WALSH, FRANK J., M.D., Clinical Associate  
 ANDRESEN, RICHARD H., M.D., Instructor (Rush) (also Resident at Presbyterian Hospital) (*1 year from 7-1-49*)  
 BACON, ALFONS R., B.S., M.D., Clinical Instructor  
 BAUM, HUGO C., B.S., M.D., Clinical Instructor (Rush)  
 BERGMANN, HARRY W., M.D., Instructor (Rush) (also Resident at Presbyterian Hospital) (*1 year from 7-1-49*)  
 BRAND, ASHLEY M., B.S., M.D., Clinical Instructor

DELEE, SOL T., M.S., M.D., Clinical Instructor  
 GLENNER, ROBERT J., B.S., M.D., Clinical Instructor  
 KARRAKER, RICHARD W., B.S., M.D., Instructor (also Resident at Research and Educational Hospitals, with salary) (*1 year from 7-1-49*)  
 MOUZAKEOTIS, THEODORE C., M.D., Clinical Instructor  
 SMITH, C. OTIS, A.B., B.S., M.D., Clinical Instructor  
 SMITH, HAROLD E., B.S., M.D., Clinical Instructor  
 ANGELL, JOSEPH S., M.D., Clinical Assistant (Rush)  
 AUSTIN, STEPHEN D., M.D., Assistant (Rush) (also Resident at Presbyterian Hospital) (*1 year from 7-1-49*)  
 BISSELL, SCHUYLER M., A.B., M.D., Assistant (Rush) (also Resident at Presbyterian Hospital) (*1 year from 7-1-49*)  
 BREISTER, BENJAMIN W., M.D., Clinical Assistant (Rush)  
 BRUMME, MARVIN R., M.D., Clinical Assistant  
 CUNNINGHAM, THOMAS R., M.D., Clinical Assistant (Rush)  
 FAGAN, GEORGE E., M.D., Assistant (Rush) (also Resident at Presbyterian Hospital) (*1 year from 7-1-49*)  
 GRIFFIN, JOE J., A.B., M.D., Assistant (also Resident at Research and Educational Hospitals, with salary) (*1 year from 7-1-49*)  
 LONG, JOHN S., M.D., Assistant (Rush) (also Resident at Presbyterian Hospital) (*1 year from 7-1-49*)  
 LUTZ, J. FREDERICK, B.S., M.D., Clinical Assistant (Rush)  
 MCDOUGAL, THOMAS C., B.S., M.D., Clinical Assistant  
 NETTLES, JOHN B., B.S., M.D., Assistant (also Resident at Research and Educational Hospitals, with salary) (*1 year from 7-1-49*)  
 PETERSON, LOWELL F., M.D., Clinical Assistant (Rush)  
 ROLD, DALE A., M.D., Clinical Assistant (Rush)  
 SYKORA, LAWRENCE J., M.D., Clinical Assistant  
 WADDINGTON, HARRY K., B.S., M.D., Assistant (*1 year from 7-1-49*)  
 WHITLOCK, RICHARD F., B.S., M.D., Assistant (also Resident at Research and Educational Hospitals, with salary) (*1 year from 7-1-49*)

### Ophthalmology

BROWN, EDWARD V. L., B.S., M.D., Clinical Professor (Rush), *Emeritus*  
 DARLING, CHARLES G., M.D., Clinical Professor (Rush), *Emeritus*  
 GRADLE, HARRY S., A.B., M.D., Professor, *Emeritus*  
 MONCREIFF, WILLIAM F., M.S., M.D., Clinical Professor (Rush)  
 DONEGAN, JUSTIN M., M.D., Associate Professor (Rush)  
 ALLEN, THOMAS D., A.B., M.D., Clinical Associate Professor (Rush)  
 APPLE, CARL, B.S., M.D., Clinical Associate Professor  
 FOWLER, EARLE B., B.S., M.D., Clinical Associate Professor (Rush)  
 RISER, ROY O., M.D., Clinical Associate Professor  
 CLARK, JAMES S., B.S., M.D., Clinical Assistant Professor  
 COWEN, JACK P., B.S., M.D., Clinical Assistant Professor  
 JACOBSON, MAX M., B.S., M.D., Clinical Assistant Professor (Rush)  
 SCHERIBEL, KARL J., B.S., M.D., Clinical Assistant Professor (Rush)  
 ZEKMAN, THEODORE N., A.B., B.S., M.D., Clinical Assistant Professor  
 FOX, NATHAN H., M.D., Clinical Associate  
 LEECH, VERNON M., M.D., Clinical Associate (Rush)  
 MAHER, DAVID B., M.D., Clinical Associate  
 NETHERCUT, GLENWAY W., M.D., Clinical Associate  
 ROSENBERG, WILLIAM, B.S., M.D., Clinical Associate  
 SCHEFFLER, MILTON M., B.S., M.D., Clinical Associate  
 SNYDACKER, DANIEL, M.D., Clinical Associate  
 STERNBERG, PAUL, B.S., M.D., Clinical Associate  
 BENFORD, MYRON C., B.S., M.D., Instructor (also Associate Medical Director of Research and Educational Hospitals, with salary)  
 BROOKS, ROOSEVELT, M.D., Clinical Instructor  
 COX, FRED G., B.S., M.D., Clinical Instructor  
 CRANE, CYRIL V., B.S., M.D., Clinical Instructor (Rush)

- FEINBERG, LOUIS, B.S., M.D., Clinical Instructor  
 LEARSY, CHARLES A., M.D., Clinical Instructor (Rush)  
 MUNDT, GEORGE H., JR., M.S., M.D., Clinical Instructor  
 PUSHKIN, EDWARD, B.S., M.D., Clinical Instructor  
 SCHULTZ, ABRAHAM, M.D., Clinical Instructor  
 FORDON, LEONA R., B.S., M.D., Clinical Assistant  
 MCNAMARA, T. B., M.D., Clinical Assistant  
 WILSON, CHARLES F., B.S., M.D., Assistant (Rush)  
 WONES, EDWARD M., JR., B.S., M.D., Clinical Assistant  
 BARRETT, CHARLES V., B.S., M.D., Assistant (also Resident at Research and Educational Hospitals and Illinois Eye and Ear Infirmary) (*1 year from 7-1-49*)  
 BAYARD, WALTER L., A.B., B.S., M.D., Assistant (also Resident at Research and Educational Hospitals and Illinois Eye and Ear Infirmary) (*1 year from 7-1-49*)  
 BIEGEL, ALBERT C., A.B., M.D., Assistant (also Resident at Research and Educational Hospitals and Illinois Eye and Ear Infirmary) (*1 year from 7-1-49*)  
 BREWSTER, WILLIAM B., JR., A.B., M.D., Assistant (also Resident at Research and Educational Hospitals and Illinois Eye and Ear Infirmary) (*1 year from 7-1-49*)  
 BROWNING, CARROLL W., B.S., M.D., Assistant (also Resident at Research and Educational Hospitals and Illinois Eye and Ear Infirmary) (*1 year from 7-1-49*)  
 CHOCK, PHILIP W. H., A.B., M.D., Assistant (also Resident at Research and Educational Hospitals and Illinois Eye and Ear Infirmary) (*1 year from 7-1-49*)  
 FLOYD, GLEN, A.B., M.D., Assistant (also Resident at Research and Educational Hospitals and Illinois Eye and Ear Infirmary) (*1 year from 7-1-49*)  
 GUEST, WILBUR C., M.D., Assistant (also Resident at Research and Educational Hospitals and Illinois Eye and Ear Infirmary) (*1 year from 7-1-49*)  
 HAHNE, LEONARD J., B.S., M.D., Assistant (also Resident at Research and Educational Hospitals and Illinois Eye and Ear Infirmary) (*1 year from 7-1-49*)  
 HALL, JAMES M., B.S., M.D., Assistant (also Resident at Research and Educational Hospitals and Illinois Eye and Ear Infirmary) (*1 year from 7-1-49*)  
 HOUGH, MAC J., B.S., M.D., Assistant (also Resident at Research and Educational Hospitals and Illinois Eye and Ear Infirmary) (*1 year from 7-1-49*)  
 JONES, EDWARD T., B.S., M.D., Assistant (also Resident at Research and Educational Hospitals and Illinois Eye and Ear Infirmary) (*1 year from 7-1-49*)  
 KILLIAN, CAMILLE H., B.S., M.D., Assistant (also Resident at Research and Educational Hospitals and Illinois Eye and Ear Infirmary) (*1 year from 7-1-49*)  
 KISSLING, ARTHUR C., JR., A.B., M.D., Assistant (also Resident at Research and Educational Hospitals and Illinois Eye and Ear Infirmary) (*1 year from 7-1-49*)  
 LOEB, DONALD R., A.B., M.D., Assistant (also Resident at Research and Educational Hospitals and Illinois Eye and Ear Infirmary) (*1 year from 7-1-49*)  
 McDONALD, JAMES E., M.D., Assistant (also Resident at Research and Educational Hospitals and Illinois Eye and Ear Infirmary) (*1 year from 7-1-49*)  
 MIDDLETON, WILLIAM H., A.B., M.D., Assistant (also Resident at Research and Educational Hospitals and Illinois Eye and Ear Infirmary) (*1 year from 7-1-49*)  
 MURPHY, ROBERT H., B.S., M.D., Assistant (Rush) (also Resident at Presbyterian Hospital) (*1 year from 7-1-49*)  
 PANTER, EDWARD G., B.S., M.D., Assistant (also Resident at Research and Educational Hospitals and Illinois Eye and Ear Infirmary) (*1 year from 7-1-49*)  
 PETRAVICE, PETER A., B.S., M.D., Assistant (also Resident at Research and Educational Hospitals and Illinois Eye and Ear Infirmary) (*6 months from 7-1-49*)  
 SCHALL, SAMUEL M., B.S., M.D., Assistant (also Resident at Research and Educational Hospitals and Illinois Eye and Ear Infirmary) (*1 year from 7-1-49*)  
 TACKE, ARTHUR W., A.B., M.D., Assistant (Rush) (also Resident at Presbyterian Hospital) (*1 year from 7-1-49*)  
 WADE, FREDERICK E., A.B., M.D., Assistant (also Resident at Research and Educational Hospitals and Illinois Eye and Ear Infirmary) (*1 year from 7-1-49*)

**Orthopaedic Surgery**

BERKHEISER, ELVIN J., A.B., M.D., Clinical Associate Professor (Rush)  
 MURPHY, FRANK G., B.S., M.D., Clinical Assistant Professor  
 GRIMMER, EVERETT A., D.D.S., Clinical Associate  
 MARSHALL, WILLIAM A., B.S., M.D., Clinical Associate  
 MILLER, LEO F., B.S., M.D., Clinical Associate  
 SHAPIRO, FRED, B.S., M.D., Clinical Associate (Rush)  
 TURNER, HORACE E., B.S., M.D., Clinical Associate  
 EICHELBAUM, KURT, M.D., Clinical Instructor  
 FARRINGTON, JOSEPH D., A.B., M.D., Clinical Instructor  
 JONES, KENNETH G., B.S., M.D., Instructor (also Resident at Research and Educational Hospitals) (*6 months from 7-1-49*)  
 VARZINO, LOUIS S., B.S., M.D., Clinical Instructor (Rush)  
 BECHTOL, ROBERT C., B.S., M.D., Assistant (also Resident at Research and Educational Hospitals) (*1 year from 7-1-49*)  
 CRAIN, ALAN R., M.D., Assistant (also Resident at Research and Educational Hospitals) (*1 year from 7-1-49*)  
 FLYNN, CHARLES T., JR., B.S., M.D., Instructor (also Resident at Research and Educational Hospitals) (*1 year from 7-1-49*)  
 JOFFE, HERMAN, M.S., M.D., Clinical Assistant  
 LIDGE, RALPH T., B.S., M.D., Assistant (also Resident at Research and Educational Hospitals) (*1 year from 7-1-49*)

**Otolaryngology**

HAYDEN, DANIEL B., A.M., M.D., Clinical Professor (Rush), *Emeritus*  
 HOLLENDER, ABRAHAM R., M.S., M.D., Professor, *Emeritus*  
 THEOBALD, WALTER H., B.S., M.D., Clinical Associate Professor  
 VAN ALYEA, OLIVER E., M.D., Clinical Associate Professor  
 WATKINS, RICHARD W., B.S., M.D., Clinical Associate Professor (Rush)  
 ANDREWS, ALBERT H., JR., M.S., M.D., Clinical Assistant Professor of Bronchoesophagology  
 CHAINSKI, E., M.D., Clinical Assistant Professor  
 FABRICANT, NOAH, M.S., M.D., Clinical Assistant Professor  
 FRIEDBERG, STANTON A., A.B., M.D., Clinical Assistant Professor  
 FOX, NOAH, B.S., M.D., Clinical Assistant Professor  
 LEWIS, G. KENNETH, B.S., M.D., Clinical Assistant Professor  
 LEWY, ROBERT B., B.S., M.D., Clinical Assistant Professor  
 LIVINGSTON, GEORGE S., M.S., M.D., Clinical Assistant Professor  
 MORWITZ, SAMUEL M., B.S., M.D., Clinical Assistant Professor  
 SCOTT, GORDON H., M.D., Clinical Assistant Professor (Rush)  
 SHAPIRO, SHERMAN L., B.S., M.D., Clinical Assistant Professor  
 SPIESMAN, IRWIN G., B.S., M.D., Clinical Assistant Professor  
 WALLNER, LINDEN J., B.S., M.D., Clinical Assistant Professor (Rush)  
 WOJNIAK, FRANK, M.D., Clinical Assistant Professor (Rush)  
 BECKER, OSCAR J., B.S., M.D., Clinical Associate  
 BLUMKLOTZ, BRUNO, M.D., Clinical Associate  
 COOMBS, ARTHUR J., B.S., M.D., Clinical Associate  
 GREENE, LOIS D., A.B., M.D., Clinical Associate  
 HENNER, ROBERT, B.S., M.D., Clinical Associate  
 JOHNSTON, KENNETH C., B.S., M.D., Clinical Associate in Bronchoesophagology  
 LESHIN, NORMAN, B.S., M.D., Clinical Associate  
 PISZKIEWICZ, FRANK J., B.S., M.D., Clinical Associate  
 SATZ, LEO, B.S., M.D., Clinical Associate  
 SAVITT, LOUIS, M.D., Clinical Associate  
 SINGH, HARKISHEN, D.M.D., M.D., Clinical Associate  
 BLUMENTHAL, HELMUT, M.D., Clinical Instructor  
 CUTLER, MAX H., B.S., M.D., Clinical Instructor  
 HOELTGEN, MAURICE M., B.S., M.D., Clinical Instructor  
 MATZKIN, LLOYD L., B.S., M.D., Clinical Instructor  
 PELLETTIERE, EDMUND V., B.S., M.D., Clinical Instructor

POLLOCK, FREDERIC J., B.S., M.D., Clinical Instructor  
 SPRINGER, KURT, M.D., Clinical Instructor (Rush)  
 ANISON, GEORGE C., B.S., M.D., Clinical Assistant in Bronchoesophagology  
 GUEMMER, G., B.S., M.D., Clinical Assistant (Rush)  
 LOEWY, ARTHUR, B.S., M.D., Clinical Assistant  
 MAZIQUE, DOUGLAS W., A.B., M.D., Clinical Assistant  
 NIANICK, LEONARD M., B.S., M.D., Clinical Assistant  
 SOBOROFF, BURTON J., B.S., M.D., Clinical Assistant  
 SUKIS, ANTHONY E., M.D., Clinical Assistant  
 WEIDEMANN, J., B.S., M.D., Clinical Assistant  
 COHEN, L., B.S., M.D., Instructor (also Resident at Research and Educational Hospitals, with salary)  
 GOLDWARE, ROSS R., B.S., M.D., Assistant (also Resident at Research and Educational Hospitals, with salary)  
 McMAHON, ROBERT J., A.B., M.D., Assistant (also Resident Fellow at Research and Educational Hospitals, without salary)  
 STEADMAN, MONTE G., B.S., M.D., Assistant (also Resident Fellow at Research and Educational Hospitals, without salary)  
 ZELDIN, A. JOEL, Assistant (*1 year from 7-1-49*)

### Pathology

HASS, GEORGE M., M.D., Professor (Rush) (*Indefinite*)  
 SAPHIR, OTTO, M.D., Clinical Professor  
 KEARNS, JERRY J., B.S., M.D., Clinical Assistant Professor  
 TAYLOR, CHARLES B., B.S., M.D., Assistant Professor (Rush)  
 ALEXANDER, MARSHALL O., A.B., M.D., Clinical Instructor  
 AYER, JOHN P., A.B., M.D., Instructor (Rush)  
 ERICKSON, ETHEL E., B.S., M.D., Instructor  
 SCHWEITZER, ALBERT M., B.S., M.D., Instructor (Rush)  
 STONE, FRED D., B.S., M.D., Clinical Instructor  
 WILSON, HUGH, A.B., M.D., Clinical Instructor  
 ASHLEY, CHARLES A., A.B., M.D., Assistant (Rush) (also Resident at Presbyterian Hospital)  
 BICKNELL, FRANK J., B.S., M.D., Assistant (also Resident at Michael Reese Hospital)  
 CRAIG, JOHN M., A.M., M.D., Assistant (Rush) (also Resident at Presbyterian Hospital)  
 DALLENBACH, F. D., A.B., M.D., Assistant (also Resident at Research and Educational Hospitals, with salary) (*1 year from 7-1-49*)  
 FINE, GERALD, B.S., M.D., Assistant (also Resident at Research and Educational Hospitals, with salary) (*1 year from 7-1-49*)  
 FIX, LESTER W., M.D., Clinical Teaching Assistant (*1 year from 7-1-49*)  
 MALONEY, JOHN E., M.D., Assistant (Rush)  
 SOLOMON, ROBERT D., B.S., M.D., Assistant (*1 year from 7-1-49*)  
 TESLUK, HENRY, A.B., M.D., Assistant (Rush) (also Resident at Presbyterian Hospital)  
 VAWTER, GORDON F., M.D., Assistant (Rush) (also Resident at Presbyterian Hospital)

### Pediatrics

HESS, JULIUS H., M.D., Professor, *Emeritus*  
 GRULEE, CLIFFORD G., A.M., M.D., LL.D., Clinical Professor (Rush), *Emeritus*  
 HOYNE, ARCHIBALD L., A.B., B.S., M.D., Clinical Professor (Rush), *Emeritus*  
 BUTLER, CRAIG D., B.S., M.D., Clinical Associate Professor (Rush)  
 KOBES, HERBERT R., M.D., Clinical Associate Professor  
 STULIK, CHARLES K., Ph.G., Ph.C., B.S., M.D., Clinical Associate Professor (Rush)  
 BOWER, LESTER E., A.B., M.D., Clinical Assistant Professor  
 FRAUENBERGER, GEORGE S., M.S., M.D., Clinical Assistant Professor  
 GASUL, BENJAMIN M., B.S., M.D., Clinical Assistant Professor  
 HALPERN, LOUIS J., B.S., M.D., Clinical Assistant Professor  
 HARRISON, C. JACK, B.S., M.D., Clinical Assistant Professor (Rush)



HOFFMAN, SAMUEL J., B.S., M.D., Clinical Assistant Professor  
 KAGAN, BENJAMIN M., A.B., M.D., Clinical Assistant Professor  
 LEICHENGER, HARRY, B.S., M.D., Clinical Assistant Professor  
 LEVINSON, SIDNEY O., B.S., M.D., Clinical Assistant Professor  
 SALTIEL, THOMAS P., B.S., M.D., Clinical Assistant Professor  
 SHAW, NOEL G., A.B., M.D., Clinical Assistant Professor (Rush)  
 LEWISON, MATTHEW, B.S., M.D., Clinical Associate (Rush)  
 BARATZ, J. JOSEPH, B.S., M.D., Clinical Instructor  
 BRESLOW, LAWRENCE, A.B., M.D., Clinical Instructor  
 BROWN, ROWINE H., B.S., M.D., Clinical Instructor  
 DESSENT, ROBERT A., B.S., M.D., M.P.H., Clinical Instructor  
 DITKOWSKY, SOL P., B.S., M.D., Clinical Instructor  
 PAUKER, NORBERT, B.S., M.D., Clinical Instructor  
 RICHTER, IRVING B., M.D., Clinical Instructor  
 STEIN, A. F., B.S., M.D., Clinical Instructor  
 TIGAY, CLARA D., A.B., M.D., Clinical Instructor  
 WOLF, A. A., B.S., M.D., Clinical Instructor  
 BOHNING, ANNE, A.B., M.D., Clinical Instructor (Rush)  
 COLON, WILDO D., B.S., M.D., Assistant (Rush) (also Resident at Presbyterian Hospital)  
 DARROW, RUTH, M.D., Clinical Assistant (Rush)  
 GARRARD, STERLING D., B.S., M.D., Assistant (also Resident at Research and Educational Hospitals, with salary)  
 GIBSON, GLENN, B.S., M.D., Assistant (also Resident at Research and Educational Hospitals, with salary)  
 GREEN, MORRIS, M.D., Assistant (also Resident at Research and Educational Hospitals, with salary) (*6 months from 7-1-49*)  
 JACKSON, MILDRED R., B.S., M.D., Clinical Assistant  
 LANDER, HERMAN B., B.S., M.D., Clinical Assistant  
 LIS, EDWARD F., M.D., Assistant (also Resident at Research and Educational Hospitals, with salary)  
 MUNSEY, FRANKLIN A., M.D., Assistant (also Resident at Research and Educational Hospitals, with salary)  
 MURPHY, WILLIAM F., JR., A.B., M.D., Assistant (Rush) (also Resident at Presbyterian Hospital)  
 NAGEL, HARRY T., M.D., Clinical Assistant (Rush)  
 WEHRLE, PAUL F., B.S., M.D., Assistant (also Resident at Research and Educational Hospitals, with salary)  
 WELFORD, NORMAN T., M.D., Clinical Assistant

#### Pharmacology

BAIN, JAMES A., Ph.D., Research Associate  
 MUEHLBERGER, CLARENCE W., Ph.D., Professorial Lecturer  
 SCHIFFRIN, MILTON J., Ph.D., Lecturer  
 THOMPSON, ROBERT E., Ph.D., Professorial Lecturer  
 VAN WINKLE, WALTON, JR., A.B., M.D., Professorial Lecturer

#### Physiology

McCULLOCH, WARREN S., A.M., M.D., Professor (also Professor of Psychiatry, with salary) (*Indefinite*)  
 MARRBARGER, JOHN P., Ph.D., Associate Professor (also in Physical Environment Unit, with salary)  
 CRANDALL, LATHAN A., JR., Ph.D., M.D., Professorial Lecturer  
 HOFFMAN, WILLIAM S., Ph.D., M.D., Professorial Lecturer

#### Preventive Medicine and Public Health

ROSENTHAL, SOL R., M.D., Ph.D., Associate Professor  
 HULL, THOMAS G., Ph.D., Assistant Professor  
 KLASSEN, CLARENCE W., B.S., Assistant Professor

McDANIELS, HERBERT E., Ph.D., Assistant Professor  
 PISZCZEK, EDWARD A., M.D., M.P.H., Assistant Professor  
 MORSE, KENNETH M., M.S., Instructor

### Psychiatry

HAMILL, RALPH C., Ph.B., M.D., Clinical Professor (Rush), *Emeritus*  
 BRAUDE, MORRIS, M.D., Clinical Associate Professor (Rush), *Emeritus*  
 HOFFMAN, HARRY H., B.S., M.D., Clinical Associate Professor (Rush)  
 MOHR, GEORGE J., B.S., M.D., Clinical Associate Professor  
 MORRISON, DONALD, B.S., M.D., Clinical Associate Professor  
 SOLOMON, ALFRED P., A.B., M.D., Clinical Associate Professor  
 BRODER, SAMUEL B., M.D., M.S., Clinical Assistant Professor  
 FLEMING, JOAN, A.M., M.D., Clinical Assistant Professor  
 GYARFAS, KALMAN, M.D., Clinical Assistant Professor  
 KRAINES, SAMUEL, B.S., M.D., Clinical Assistant Professor  
 MCCORMICK, JAY E., B.S., M.D., Clinical Assistant Professor (Rush)  
 McMILLAN, ROBERT G., M.D., Clinical Assistant Professor  
 NOLAN, WILLIAM J., M.D., Clinical Assistant Professor  
 NOVICK, RUDOLPH, M.D., Clinical Assistant Professor  
 PASKIND, JACOB, M.D., Clinical Assistant Professor  
 PERKINS, GEORGE L., M.D., Clinical Assistant Professor  
 SLOMAN, SOPHIE S., B.S., M.D., Clinical Assistant Professor (also Assistant Professor of Criminology and Legal Medicine, with salary)  
 SONENTHAL, ISRAEL R., M.D., M.S., Clinical Assistant Professor  
 TALBOTT, RALPH, M.D., Clinical Assistant Professor (Rush)  
 WEATHERLY, HOWARD E., A.B., M.D., Clinical Assistant Professor  
 WEINBERG, JACK, M.D., Clinical Assistant Professor  
 WITTMAN, PHYLLIS, Ph.D., Clinical Assistant Professor of Psychology  
 WRIGHT, DONOVAN G., M.D., Clinical Assistant Professor  
 BELINSON, LOUIS, A.B., M.D., Clinical Instructor  
 FINEBERG, HENRY, A.B., M.D., Clinical Instructor  
 HANDLER, JOEL, Clinical Instructor (also Consultant in Health Service, with salary)  
 HARMAN, DAVID, M.D., Clinical Instructor  
 HOLLENDER, MARC, B.S., M.D., Clinical Instructor  
 LIEBMAN, SAMUEL, M.D., Clinical Instructor  
 MEEHAN, MARJORIE, A.B., M.D., Clinical Instructor (Rush)  
 PASCHKES, ERICH, M.D., Clinical Instructor  
 RAJSBECK, ALDEN, A.B., M.D., Clinical Instructor  
 VICTRO, SAMUEL, M.D., Clinical Instructor  
 WEISDORF, WILLIAM, B.S., M.D., Clinical Instructor  
 LORIMER, FRANK M., A.B., M.D., Clinical Research Assistant  
 ALTSCHUL, SOL, M.S., M.D., Assistant  
 BEGUESSE, H. HUGH, B.S., M.D., Clinical Assistant  
 BERNSTEIN, MYRTLE L., M.S., M.D., Assistant  
 BLOCK, BERNARD, Ph.D., M.D., Assistant  
 DEVLIN, WILLIAM J., M.S.S.W., Ph.D., M.D., Assistant  
 LIPTON, BARBARA, B.S., M.D., Clinical Assistant  
 LONGINI, JOAN, M.D., Ph.D., Assistant  
 POLLOCK, GEORGE, Ph.D., Assistant

### Radiology

BEILIN, DAVID S., B.S., M.D., Clinical Assistant Professor  
 BRAUN, BENJAMIN D., A.B., B.S., M.D., Clinical Assistant Professor  
 LEADER, SAMUEL A., B.S., M.D., Clinical Assistant Professor  
 SLOBODIN, HARRY, A.B., M.D., Clinical Assistant Professor  
 WILSON, AUDREY L., B.S., M.D., Clinical Assistant Professor  
 IRISH, KEITH R., B.S., M.D., Instructor (also Resident at Research and Educational Hospitals) (*1 year from 7-1-49*)  
 JOHNSON, BRANTLEY, M.D., Clinical Instructor

KLAUBER, WILLIAM A., B.S., M.D., Instructor (also Resident at Research and Educational Hospitals) (*1 year from 7-1-49*)  
 STARKMAN, NATHAN, M.D., Clinical Instructor  
 WATSON, ROBERT W., M.D., Instructor (also Resident at Presbyterian Hospital) (*1 year from 7-1-49*)  
 CLARK, CARL E., B.S., M.D., Assistant (also Resident at Research and Educational Hospitals)  
 FRICKER, GEOFFREY A., A.B., M.D., Assistant (also Resident at Presbyterian Hospital)  
 HEWITT, JOHN M., B.S., M.D., Assistant (also Resident at Presbyterian Hospital)  
 JUDY, WILLIAM S., B.S., M.D., Assistant (also Resident at Research and Educational Hospitals)  
 PANTONE, ANTON M., B.S., M.D., Assistant (also Resident at Research and Educational Hospitals)  
 STETSON, LAWRENCE J., B.S., M.D., Assistant (also Resident at Research and Educational Hospitals)

### Surgery

BAKER, HILLIER L., B.S., M.D., Clinical Professor (Rush) (*Indefinite*)  
 DAVID, VERNON C., A.B., M.D., Clinical Professor (Rush) (*Indefinite*)  
 DAVIS, CARL B., M.D., Professor (Rush), *Emeritus*  
 MCARTHUR, SELIM W., Ph.B., M.D., Professor (Rush), *Emeritus*  
 MILLER, EDWIN M., A.B., M.D., Clinical Professor (Rush) (*Indefinite*)  
 NADEAU, OSCAR E., M.D., Clinical Professor (*Indefinite*)  
 PERCY, NELSON M., M.D., Professor, *Emeritus*  
 SPEED, KELLOGG, B.S., M.D., Professor (Rush), *Emeritus*  
 STRAUS, FRANCIS H., B.S., M.D., Clinical Associate Professor (Rush) (*Indefinite*)  
 VAUGHAN, ROGER T., Ph.B., M.D., Associate Professor (Rush), *Emeritus*  
 FELL, EGBERT H., A.B., M.D., Clinical Associate Professor (Rush)  
 GILCHRIST, RICHARD K., B.S., M.D., Clinical Associate Professor (Rush)  
 GREELEY, PAUL W., A.B., M.D., Clinical Associate Professor  
 GUY, CHESTER C., B.S., M.D., Clinical Associate Professor  
 HAZLETT, WILLIAM H., M.D., Clinical Associate Professor  
 JENKINS, HILGER P., B.S., M.D., Clinical Associate Professor  
 JIRKA, FRANK J., M.D., Clinical Associate Professor  
 KOUCKY, JOHN D., M.S., M.D., Clinical Associate Professor  
 LYON, WILL F., A.B., M.D., Clinical Associate Professor  
 McMILLAN, FOSTER L., B.S., M.D., Clinical Associate Professor  
 ODEN, RUDOLPH J. E., A.B., M.D., Clinical Associate Professor  
 SCHULTZ, LOUIS W., D.D.S., B.S., M.D., Clinical Associate Professor of Oral Surgery  
 SEED LINDON, M.S., M.D., Clinical Associate Professor  
 SPIVACK, JULIUS L., M.D., LL.D., Clinical Associate Professor  
 VAN PROHASKA, JOHN, B.S., M.D., Clinical Associate Professor  
 ALMQUIST, CARL O., B.S., M.D., Clinical Assistant Professor  
 DIGGS, ARTHUR E., A.B., M.D., Clinical Assistant Professor (Rush)  
 DORSEY, JOHN M., B.S., M.D., Clinical Assistant Professor (Rush)  
 GARSIDE, EARL, M.D., M.S., Clinical Assistant Professor  
 JOANNIDES, MINAS, M.S., M.D., Clinical Assistant Professor  
 JULIAN, ORMAND C., Ph.D., M.D., Clinical Assistant Professor  
 LAWTON, STANLEY E., B.S., M.D., Clinical Assistant Professor (Rush)  
 MEYER, HAROLD I., B.S., M.D., Clinical Assistant Professor  
 MONROE, CLARENCE, B.S., M.D., Clinical Assistant Professor (Rush)  
 OLWIN, JOHN, A.B., M.D., Clinical Assistant Professor  
 PARKER, MORRIS L., B.S., M.D., Clinical Assistant Professor  
 PICK, JOHN F., B.S., M.D., Clinical Assistant Professor  
 SARNAT, BERNARD G., M.D., D.D.S., M.S., Clinical Assistant Professor of Oral Surgery  
 SHAMBAUGH, PHILIP, B.S., M.D., Clinical Assistant Professor  
 STROHL, EVERETT L., M.S., M.D., Clinical Assistant Professor  
 THEIS, FRANK V., B.S., M.D., Clinical Assistant Professor (Rush)

THOREK, PHILIP, B.S., M.D., Clinical Assistant Professor  
 GREEN, RAYMOND, B.S., M.D., Clinical Associate  
 MISHKIN, HERMAN L., B.S., M.D., Clinical Associate  
 BROWN, C. DAVID, B.S., M.D., Clinical Instructor  
 DAVIS, CARL B., JR., A.B., M.D., Clinical Instructor (Rush)  
 DIFFENBAUGH, WILLIS G., B.S., M.D., Clinical Instructor  
 EASTMAN, WARD, B.S., M.D., Instructor (also Resident at Research and Educational Hospitals) (*1 year from 7-1-49*)  
 EVERSON, TILDEN C., A.B., M.D., Clinical Instructor  
 FOWLER, FRANK H., M.S., M.D., Clinical Instructor  
 HANSELMAN, RUSSELL C., Ph.D., M.D., Clinical Instructor (Rush)  
 HANSON, JOHN O., B.S., M.D., Clinical Instructor  
 HARDT, HARRY G., JR., B.S., M.D., Clinical Instructor  
 HOFRICHTER, FRANK C., B.S., M.D., Clinical Instructor  
 HOLUB, LOUIS A., B.S., M.D., Clinical Instructor  
 JENSIK, ROBERT J., M.S., M.D., Clinical Instructor  
 KILBOURNE, BURTON, M.D., Clinical Instructor  
 LEVENSON, STANLEY M., A.B., M.D., Clinical Instructor  
 MAJARAKIS, JAMES D., M.S., M.D., Clinical Instructor  
 ROTH, HAROLD A., B.S., M.D., Clinical Instructor  
 AUTEN, DONALD S., B.S., M.D., Assistant (also Resident at Research and Educational Hospitals) (*1 year from 7-1-49*)  
 BERGER, JACK C., B.S., M.D., Assistant (Rush) (also Resident at Presbyterian Hospital) (*1 year from 7-1-49*)  
 BERMAN, EDWARD J., A.B., M.D., Assistant (Rush) (also Resident at Presbyterian Hospital) (*1 year from 7-1-49*)  
 CROUCH, WARNER L., M.D., Assistant (Rush) (also Resident at Presbyterian Hospital) (*1 year from 7-1-49*)  
 DEPEYSTER, FREDERIC A., A.B., M.D., Clinical Assistant (Rush)  
 EHRLICH, ROBERT W., A.B., M.D., Assistant (Rush) (also Resident at Presbyterian Hospital) (*1 year from 7-1-49*)  
 FOWLER, EDSON F., M.S., M.D., Clinical Assistant  
 GROVE, WILLIAM J., M.S., M.D., Assistant (also Resident at Research and Educational Hospitals) (*1 year from 7-1-49*)  
 HAMLIN, HOWARD H., A.B., B.S., M.D., Clinical Assistant (Rush)  
 HILL, EDWARD J., JR., A.B., M.D., Clinical Assistant  
 JAVID, HUSHANG, M.S., M.D., Assistant (also Resident at Research and Educational Hospitals) (*1 year from 7-1-49*)  
 JERNEGAN, JOSEPH L., JR., B.S., M.D., Assistant (Rush) (also Resident at Presbyterian Hospital) (*1 year from 7-1-49*)  
 JOHNSON, FRANK R., B.S., M.D., Assistant (also Resident at Presbyterian Hospital) (*1 year from 7-1-49*)  
 LASNER, JACK, B.S., M.D., Clinical Assistant  
 LATENSER, JOHN F., M.D., Assistant (Rush) (also Resident at Presbyterian Hospital) (*1 year from 7-1-49*)  
 LIN, MARGARET H. D., A.M., M.D., Clinical Assistant  
 LOOBY, WILLIAM E., B.S., M.D., Clinical Assistant  
 MCCASKILL, DANIEL, A.B., M.D., Assistant (Rush) (also Resident at Presbyterian Hospital) (*1 year from 7-1-49*)  
 MEYER, ROBERT P., B.S., M.D., Assistant (Rush) (also Resident at Presbyterian Hospital) (*1 year from 7-1-49*)  
 MILROY, JOHN J., B.S., M.D., Clinical Assistant (Rush)  
 MOSSEY, RICHARD O., M.D., Assistant (Rush) (also Resident at Presbyterian Hospital) (*1 year from 7-1-49*)  
 O'KANE, CALVIN R., A.B., M.D., Assistant (Rush) (also Resident at Presbyterian Hospital) (*1 year from 7-1-49*)  
 SCANLON, EDWARD F., A.B., M.D., Assistant (Rush) (also Resident at Presbyterian Hospital) (*1 year from 7-1-49*)  
 SOUTHWICK, HARRY, B.S., M.D., Assistant (also Resident at Research and Educational Hospitals) (*1 year from 7-1-49*)  
 SCHREY, EDWARD L., B.S., M.D., Clinical Assistant  
 TEITELMAN, S. LLOYD, A.B., M.D., Clinical Assistant

WAHL, FREDERICK, B.S., M.D., Assistant (Rush) (also Resident at Presbyterian Hospital) (*1 year from 7-1-49*)

WILKINS, WALTER J., JR., A.B., M.D., Assistant (Rush) (also Resident at Presbyterian Hospital) (*1 year from 7-1-49*)

#### Division of Urology

HERBST, ROBERT H., M.D., Professor (Rush), *Emeritus*

KRETSCHMER, HERMAN L., Ph.G., M.D., Clinical Professor (Rush), *Emeritus*

HECKEL, NORRIS J., A.B., M.D., Clinical Professor (Rush) (*Indefinite*)

BUCKMAN, EDWARD, B.S., M.D., Clinical Associate Professor (Rush)

MERRICKS, JAMES W., JR., A.B., B.S., M.D., Clinical Associate Professor (Rush)

COTTRELL, THOMAS, M.D., Clinical Assistant Professor (Rush)

RITCH, COLQUITT O., B.S., M.D., Clinical Assistant Professor

RUDNICK, DORRIN F., B.S., M.D., Clinical Assistant Professor

SCHACHT, FREDERICK W., B.S., M.D., Clinical Assistant Professor

DRABANSKI, JOSEPH S., B.S., M.D., Clinical Associate

BAUMRUCKER, GEORGE O., B.S., M.D., Clinical Instructor

GAINES, REUBEN B., A.B., M.D., Clinical Instructor (Rush)

COTTRELL, THOMAS L. C., JR., B.S., M.D., Assistant (Rush) (also Resident at Presbyterian Hospital) (*1 year from 7-1-49*)

RIEGER, IRWIN T., B.S., M.D., Assistant (Rush) (also Resident at Presbyterian Hospital) (*1 year from 7-1-49*)

STICKA, EDWARD A., M.D., Assistant (Rush) (also Resident at Presbyterian Hospital) (*1 year from 7-1-49*)

#### Division of Anesthesia

LYONS, MARY M., M.D., Clinical Associate Professor (Rush)

HALL, BETTY TAYLOR, B.S., M.D., Clinical Instructor (Rush)

RAYMON, WILDA E., M.D., Clinical Instructor (Rush)

ROBERTS, GEORGE, A.B., B.S., M.D., Clinical Instructor (Rush)

STAFFORD, WILMA C., B.S., M.D., Clinical Instructor (Rush)

WATT, LUCILLE, M.S., M.D., Clinical Instructor (Rush)

BALAGOT, REUBEN C., B.S., M.D., Assistant (also Resident at Research and Educational Hospitals)

BLUM, LUDWIG L., B.S., M.D., Assistant

BURDON, JOHN, M.D., Assistant (also Resident at Research and Educational Hospitals) (*1 year from 7-1-49*)

NELSON, JOHN T., M.D., Assistant (also Resident at Research and Educational Hospitals) (*1 year from 7-1-49*)

RODRIGUEZ, DOUGLAS D., B.S., M.D., Assistant (Rush) (also Resident at Presbyterian Hospital) (*1 year from 7-1-49*)

SEN, ARUN K., A.B., I.Sc., B.M., Assistant (also Resident at Research and Educational Hospitals)

WEISS, KENNETH S., M.D., Assistant (also Resident at Research and Educational Hospitals)

#### STATEMENT OF PRESIDENT REGARDING CHANGES IN ADMINISTRATION OF THE RADIO STATIONS, AND THE APPOINTMENT OF MR. HUDSON

About a year ago, Mr. Josef F. Wright asked to be relieved of his part-time duties as director of the University's radio stations in order to devote full time to his responsibilities as director of public information. He was willing to continue, however, until a suitable man could be found to coordinate all broadcasting activities of the University.

This man has now been found, in the person of Mr. Robert B. Hudson, whose appointment as director of University broadcasting and associate professor of journalism, has been presented to the Board today. Mr. Hudson's career is distinguished, both in radio and in adult education. He was founder and first director of the Rocky Mountain Radio Council, one of the outstanding accomplishments in the educational use of radio. For the last four years he has been director of education for the CBS network. In this capacity he was associated with some of the network's best public service programs, such as the School of the Air, You Are There, People's Platform, Invitation to Learning, Doorway to Life. At Illinois,

Mr. Hudson will be chairman of the radio curriculum in the School of Journalism as well as director of University broadcasting. With this appointment, I feel that we can no longer put off Mr. Wright's request, and I have therefore recommended that he be permitted to devote full time to public information.

I can not let this occasion pass without saying a few more words about Joe Wright who this week completes thirty years of service to the University. He came to work for the University of Illinois as secretary to President Kinley on October 1, 1919. The following year Dr. Kinley assigned him the task of setting up a University information service. He has been director of this service ever since. In 1925, when the Illinois experimental radio station grew into station WILL, he was made director of the University station. In that position he developed the University Radio Service which supplies programs to other stations. He was instrumental in establishing the University FM station WIUC, and has been a ceaseless crusader for a state-wide educational FM network. He appointed Mr. Frank E. Schooley, who is today being named station manager. Joe Wright has held high office in the National Association of Educational Broadcasters as well as in the College Public Relations Association, and he is affectionately known to hundreds of radio and newspaper men. Now that Joe Wright is consolidating his activities a little, I am glad to express the University's gratitude for thirty years of faithful and constructive service.

**CONTRACT WITH VETERANS ADMINISTRATION FOR STEAM SERVICE**  
This AGREEMENT made and entered into this \_\_\_\_\_ day of \_\_\_\_\_ 19\_\_\_\_, by and between the Board of Trustees of the University of Illinois, Chicago, Illinois, a public corporation organized and existing under the laws of the State of Illinois (hereinafter called the "Contractor") and the United States of America (hereinafter called the "Government") represented by the Chief, Procurement Division, Supply Service, Veterans Administration (hereinafter called the "Contracting Officer").

**WITNESSETH:**

*Whereas*, there is being erected a Veterans Administration Center in Chicago, Illinois, consisting of a Regional Office and an estimated 500 bed capacity hospital, bounded by Polk Street on the North, South Damen Avenue on the East, on the South by West Taylor Street, and on the West by Ogden Avenue; and

*Whereas*, the Government desires that the necessary steam be furnished as required by the Veterans Administration Center; and

*Whereas*, it is to the advantage of the Government to procure steam from the Contractor in lieu of providing its own plant; and

*Whereas*, the Contractor is in a position to furnish the required amount of steam to the Government; and

*Whereas*, the Government is willing to compensate the Contractor for providing the required steam service.

*Now, Therefore*, the parties agree as follows:

**ARTICLE I. FACILITIES**

The Contractor will provide a steam plant from which steam will be furnished through underground pipes to be provided by the Contractor to the Government boundary line at the northwest corner of Damen Avenue and Taylor Street.

**ARTICLE II. SERVICE**

(a) The Contractor agrees to furnish sufficient steam at an approximate pressure of 110 lbs. per square inch, to the Government boundary line, to meet the requirements of the Government, but not to exceed, at the option of the Contractor, 53,000 lbs. of steam per hour.

(b) The Government agrees to purchase from the Contractor approximately 74,000,000 lbs. of steam during each twelve month period of this contract.

**ARTICLE III. METERING**

The steam furnished hereunder shall be measured by meters installed by the Contractor at the approved location. The Contractor shall have the right and privilege to maintain and calibrate such meter or meters and will have access thereto over the lands of the Government at all reasonable hours for such purposes.

## ARTICLE IV. RATES

(a) The Government agrees to pay the Contractor \$1.32 for each 1,000 lbs. of steam based on an annual consumption of 74,000,000 lbs. furnished and will be increased or decreased as provided in this Article. In the event the consumption by the Government is less than 74,000,000 lbs. of steam, the Government will pay to the University of Illinois \$0.205 per 1,000 lbs. for the difference between the actual consumption and the 74,000,000 lbs. In the event the annual consumption is greater than 74,000,000 lbs., the cost of steam will be reduced by \$0.205 per 1,000 lbs. for all steam in excess of 74,000,000 lbs.

(b) It is understood and agreed that the fixed charge of \$0.205 represents Government's reimbursement to the Contractor for the construction of the necessary facilities for furnishing steam to the Government amortized over a period of 30 years, at the end of which time the fixed charge of \$0.205 or such amount in effect at that time will be discontinued and the rate for each 1,000 pounds of steam shall be decreased accordingly. In the event the Contractor furnishes services to others and the outlay incurred by reason of furnishing facilities to supply steam to the Government is reduced below \$455,000, or if savings in the amortization rate reduces said outlay below \$455,000, or if any combination of the above factors produces such result, then the fixed charge of \$0.205 will be decreased in proportion to the reduction below such amount.

(c) If this contract is terminated by the Government prior to the end of the 30 year period the amount of the termination charge to be paid to the Contractor in lieu of the fixed charge shall be an amount mutually agreed upon by the Government and the Contractor at that time.

(d) Said unit price of \$1.32 for each 1,000 lbs. of steam furnished shall be increased or decreased by an amount equal to the net increase or decrease of the Contractor's cost for furnishing such steam resulting from the following:

1. Any increases or decreases in labor costs for the furnishing of such steam from the present labor cost. Present labor costs are those set forth in Schedule A annexed hereto. Labor costs shall include all allowances and benefits to the employees.

2. Any increases or decreases in cost of fuel for producing such steam from the present cost of such fuel. The present cost of such fuel so delivered is stated in Schedule A annexed hereto. Cost of fuel as used herein means its cost delivered at the steam plant of the Contractor.

3. An increase in the cost of furnishing such steam resulting from any applicable taxes hereafter imposed upon the contractor by Federal, State, or local governments.

4. An increase in the cost to the Contractor for furnishing such steam caused by compliance by the Contractor with any and all future statutes, rules, or regulations of the Federal, State, or local governments which are applicable.

(e) All such increases or decreases in cost shall be determined by ordinary accounting principles. Contractor agrees to maintain in accordance with usual accounting practice records of all such increases or decreases in such costs.

## ARTICLE V. ADJUSTMENT OF RATE

On or before the first day of September in each year during the period of the contract, the Contractor shall furnish the Government with a statement of the adjustment of said cost of \$1.32 per each 1,000 lbs. of steam by the formula contained in Article IV hereof, and at the same time will make available to the Government, at the place where such records are kept, for its review and audit the cost records of the Contractor in support of such statement of adjustment. The Government reserves the right to submit a claim for adjustment of such statement. The adjustment as shown by the statement, or in the event of the filing of any claim in the manner aforesaid, then any readjusted statement shall be settled as soon as possible by the Government. Any amount due the Government as a result of the adjustment will be deducted from subsequent voucher or vouchers submitted by the Contractor. Any amount due the Contractor as a result of the adjustment as shown by the statement will be paid by the Government, upon receipt of a properly prepared invoice from the Contractor.

## ARTICLE VI. PERIOD OF CONTRACT

Subject to the availability of appropriations, the period of time covered by this contract shall be from the date of the first delivery of steam service to the following June 30 and shall continue thereafter until further notice.

## ARTICLE VII. PAYMENT

Payment for services shall be made at the end of each month after service has been rendered.

## ARTICLE VIII. DEFINITIONS

"Contracting Officer" refers to the Chief, Procurement Division, Supply Service of the Veterans Administration, or his duly appointed successors and their authorized representatives and any other duly authorized representatives of the Administrator of Veterans Affairs.

## ARTICLE IX. NON-DISCRIMINATION CLAUSE

The Contractor, in performing the work required by this contract, shall not discriminate against any employee or applicant for employment because of race, creed, color or national origin, and that he will include a similar provision in all sub-contracts.

## ARTICLE X. OFFICIALS NOT TO BENEFIT

No member or delegate to Congress or resident commissioner shall be admitted to any share or part of this contract or to any benefit that may arise therefrom, but this provision shall not be construed to extend to this contract if made with a corporation for its general benefit.

## ARTICLE XI. TAXES

Rates specified for steam service are exclusive of any sales or use tax imposed by state, or by any duly constituted taxing authority therein having jurisdiction to impose such a tax on the articles named in this agreement, the United States not being liable for payment of such tax (Public No. 819—76th Congress, approved October 9, 1940).

Rates specified included any applicable Federal Excise Taxes, as the United States is not exempt from payment of such taxes.

## ARTICLE XII. TERMINATION

This agreement, if accepted, shall become a contract and shall remain in force during the period above stated unless terminated at the request of either party after sixty (60) days' notice in writing.

In the event the Veterans Administration closes this activity subsequent to the execution of this contract or during the contractual period, this contract may be canceled immediately upon written notice to the Contractor and the Veterans Administration relieved from its obligation to make further purchases of supplies or services thereunder, except as otherwise provided for herein.

*In Witness Whereof*, the parties hereto have executed this contract as of the day and year first above written:

THE BOARD OF TRUSTEES OF THE  
UNIVERSITY OF ILLINOIS, A  
PUBLIC CORPORATION

APPROVED:

By \_\_\_\_\_  
Comptroller

\_\_\_\_\_  
Business Manager, Chicago

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Legal Counsel

UNITED STATES OF AMERICA  
VETERANS ADMINISTRATION

\_\_\_\_\_  
Director, Physical Plant  
Department

By \_\_\_\_\_  
Chief, Procurement Division,  
Supply Service



*Operating Adjustment Clause*  
*Schedule "A"*

The steam charges are based upon the cost to the University of Illinois as of June 1949. Steam generated from fuel costing 36.62 cents per million B.T.U. at the steam plant. When the average cost for twelve months of fuel per million B.T.U.'s shall be more than 37.36 cents or less than 35.88 cents, the steam rate shall be increased or decreased. Labor cost shall be increased or decreased based on the June 1949 wage rate paid by the University. The cost of producing steam as of June 1949 is \$1.115 per thousand pounds based on twelve consecutive months.

Labor Cost.....	33.96¢ per m. lbs.
Fuel Cost.....	49.26¢ per m. lbs.

**REPORT ON STAFF AND PROGRAMS FOR 1949-1950**

In accordance with the educational plans set forth in the "Analysis of Appropriation Requests for Operation for the Biennium Beginning July 1, 1949," important additions have been made to the staff of the University in order to provide the personnel for a more mature student body and further to strengthen research and instruction in recently initiated activities.

The appointments of Professor H. O. Halvorson as Head of the Department of Bacteriology and of Professor Sol Spiegelman as a research specialist in genetics and cell respiration, together with other changes and additions, will bring about a first-rate department during the present year.

A notable research program in physiology has been moved from the Army Quartermaster Corps in Chicago to the University through the appointment of Dr. R. E. Johnson, as Professor and Head of the Department of Physiology. We may now say that the life sciences are in an extremely favorable position.

Professor John L. Heller, the new Head of the Department of Classics, will continue the substantial traditions of the Department and be a strong representative of the humanities at the University of Illinois.

The area of clinical psychology is strengthened by the appointment of Professor L. E. O'Kelly, the field of map construction and reading by Professor F. W. Foster, the field of linguistics by Professor D. W. Schumann, and the field of geography by Professor C. C. Colby, formerly Head of the Department of Geography at the University of Chicago.

In the field of physics, the appointments of Professor Frederick Seitz and Professor R. J. Maurer round out the work of the Department and add more distinction to the University. These men are famous for their work in the physics of the solid state, a field which has recently become basic to ceramics and to engineering. The elevation of Professor William L. Everitt to the Deanship of the College of Engineering, and the appointment of Professor J. D. Ryder to the Headship of the Department of Electrical Engineering, will consolidate great advances already made in these areas.

A further step ahead in the whole area of journalism and communications has been taken by the appointments of Professor R. B. Hudson, whose specialty is educational broadcasting, and Professor C. E. Osgood, whose specialty is the psychology of communications. During the year the social, psychological, and dramatic foundations of communications will be brought under severe review and the whole field developed in accordance with its importance. Professor Hudson will serve as Director of University Broadcasting.

The brilliant achievements of the College of Fine and Applied Arts, especially in the areas of architecture, art, and music, will be continued throughout the year. As an interim measure, while enrollments are being stabilized, a part of the advanced teaching load in Architecture will be carried by eight top-ranking architects of national reputation, serving on a part-time basis. Professors W. S. Kinne, specialist in materials and methods of construction, and Gabriel Guevrekian, internationally known in architectural design and planning, have been added to the staff. Musical composition and theory will develop rapidly under Professor Burrill Phillips, and Professor Paul Young will bring new leadership to the choral groups. During the second semester, Georges Enesco will be on the campus as a Visiting Artist.

The health and recreational programs of the School of Physical Education will move forward rapidly because of the addition of new curricula and the ap-

pointment of Professor H. S. Hoyman, a specialist in public health. Professor F. E. Boys, who is in the same area, will also supervise the medical factors in all experiments using human subjects.

The increased strength in all of the life sciences means a real addition to the sciences that are basic to agriculture, but the College of Agriculture, in its own right, has added to its research and service personnel. Professor A. I. Nelson, whose specialty is food processing, and Professor Z. J. Ordal, whose specialty is food microbiology, are notable additions to the Department of Food Technology. Professor M. B. Linford brings the background of his long career as a specialist in plant diseases to the Department of Horticulture.

A major step toward the introduction of new statistical methods into the field of economics has been taken in the appointment of Professor Leonid Hurwicz. Professor Hurwicz will also be a notable addition to the growing power of the University in the application of mechanical and statistical procedures to a great variety of research problems. Mr. G. R. Beam has become the Director of the Statistical Service Unit, and late last year Professor W. G. Madow, specialist in probability theory, was named to the Department of Mathematics. Another notable appointment in this general area is that of R. E. Meagher as chief engineer of the electron digital computer.

In the usual quota of replacements on account of death, retirement, or resignation, an attempt has been made to secure able young men and women who give clear promise of useful careers at the University. All departments report enthusiastically of success in this attempt. In some areas which have been under pressure on account of heavy enrollments, junior staff additions have been made simply to absorb teaching load. The quality of this staff and of the hundreds of part-time assistants is, according to Dean Ridenour, uniformly high.

Except for the appointment of Associate Dean Fred W. Trezise, formerly of the Galesburg Division, to replace Associate Dean R. P. Hoelscher in Engineering at the Chicago Undergraduate Division, no substantial changes in personnel have been made at the Navy Pier. The teaching skill of the staff is excellent, and transfers from the Undergraduate Division to the Urbana campus are giving a good account of themselves.

The most notable event at the Chicago Professional Colleges is the new program in nursing education in cooperation with the Cook County School of Nursing and by affiliation with other hospitals in the City of Chicago. The laboratory for aviation medicine and physical environment has been fully activated. A physicist and a pathologist have been added to the staff of the medical batatron, and the first human patients have had initial cancer treatments. Under the excellent leadership of Dr. A. C. Ivy, all of the professional divisions are moving ahead in research, in the quality of clinical instruction, and in public service. Except for the appointment of M. J. Galbraith, formerly Director of Student Welfare at the Galesburg Division, to a new post as Director of Student Affairs, the main staff additions, both academic and nonacademic, have been in the technical areas.

In spite of record enrollments in all divisions, an excessive number of large classes has been avoided, new equipment has been purchased, the pulse of research is steady and strong, and the morale of the faculty is high. The year 1949-1950 promises to be a great one in the history of the University.

COLEMAN R. GRIFFITH  
*Provost*

#### BOND ISSUE FOR SMALL HOMES COUNCIL HOUSING RESEARCH PROJECT

##### *Schedule of Bids Received September 12, 1949*

<i>Bidder</i>	<i>Premium</i>	<i>Coupon Rates</i>	<i>Interest Cost</i>	<i>Net Average Interest Rate Per Cent</i>
1. John Nuveen and Company	\$ 40 00	2½-2¾% <sup>1</sup>	\$56 960 00	2.724
2. Shields and Company	45 00	2¾-4% <sup>7</sup>	58 300 00	2.783
3. Farwell Chapman and Company	1 863 97	3%	60 866 03	2.910
4. Milwaukee Company	.....	2¾-4% <sup>7</sup>	64 240 00	3.072

<sup>1</sup> 2½%, 1950 through 1956; 2¾%, 1957 through 1969.

*Resolution Authorizing the Issuance of \$175,000 Staff Housing  
Revenue Bonds of 1949*

RESOLUTION authorizing and providing for the issue of \$175,000 Staff Housing Revenue Bonds, Series of 1949, for the purpose of defraying part of the cost of constructing certain staff housing facilities on property owned by the University of Illinois located in Urbana, Illinois, prescribing all the details of said bonds, and providing for the collection, segregation and distribution of the revenues of the said project, for the purpose of paying the cost of the maintenance and operation thereof, and payment of the principal of and interest on said revenue bonds.

WHEREAS pursuant to "An Act to authorize the Board of Trustees of the University of Illinois to acquire by purchase or otherwise, construct, equip, complete, operate, control and manage student residence halls, staff housing facilities, dormitories, health and physical education buildings, or other revenue producing building or buildings, defining the duties of such Board with respect to operation and maintenance thereof, charge fees or rates for the use thereof, and providing for and authorizing the issue of bonds for the purpose of defraying the cost of construction, acquisition or equipment of any such building or buildings, payable solely from the revenues derived from the operation thereof, and for the refunding of any such bonds." Approved June 30, 1945. L. 1945, p. 1753; title as amended by Act approved July 21, 1947, this Board of Trustees of the University of Illinois is authorized to issue revenue bonds for the purpose of constructing, equipping or completing the construction and equipment of staff housing facilities payable solely from the revenues derived from the operation thereof; and

WHEREAS the Sixty Fifth and the Sixty Sixth General Assemblies of the State of Illinois appropriated the sum of \$325,000 applicable to the construction of such staff housing facilities and responsive to said appropriations this Board of Trustees has heretofore acquired the property located in Urbana, Illinois, south of Florida Avenue and west of Race Street, and described as follows:

"Commencing at a point which is 230 feet South and 30 feet West of the Northeast corner of the Northwest Quarter of Section 20, Township 19 North, Range 9 East of the Third Principal Meridian, thence in a westerly direction along a line which is 230 feet from and parallel to the North line of the Northwest Quarter of Section 20 aforesaid a distance of 800.98 feet, thence in a southerly direction along a line making an angle on the East of 89° 53' with line aforesaid a distance of 205.74 feet, thence in a southeasterly direction along a line making an angle on the East of 143° 09' with line aforesaid a distance of 175.94 feet, thence in a southerly direction along a line making an angle on the East of 217° 10' with line aforesaid a distance of 76.30 feet, thence in a southwesterly direction along a line making an angle on the East of 210° 54' with line aforesaid a distance of 85.05 feet, thence in a southerly direction along a line making an angle on the East of 150° 29' with line aforesaid a distance of 227.30 feet, thence in an easterly direction along a line making an angle on the Northeast of 88° 39' with line aforesaid a distance of 150.33 feet, thence in a southerly direction along a line making an angle on the North of 270° 01' with line aforesaid a distance of 34.5 feet, thence in an easterly direction along a line making an angle on the Northeast of 90° 00' with line aforesaid a distance of 78.33 feet, thence in an easterly direction along a line making an angle on the North of 176° 34' with line aforesaid a distance of 145.00 feet, thence in a northwesterly direction along a line making an angle on the Northwest of 90° 00' with line aforesaid a distance of 70.13 feet, thence in a northeasterly direction along a line making an angle on the West of 200° 39' with line aforesaid a distance of 133.52 feet, thence in a northeasterly direction along a line making an angle on the West of 215° 49' with line aforesaid a distance of 322.75 feet, thence in an easterly direction along a line making an angle on the North of 216° 43' with line aforesaid a distance of 70.00 feet to a point 30 feet West of the East line of the Northwest Quarter of Section 20 aforesaid, thence in a northerly direction along a line 30 feet from and parallel to section line aforesaid a distance of 359.95 feet to the point of beginning, all in Champaign County, Illinois"

and the construction of said staff housing facilities is now in progress, and based upon the contracts heretofore let this Board of Trustees has heretofore estimated

and does hereby estimate that the cost of the construction of staff housing facilities upon said above described property, complete, will aggregate the sum of \$500,000; and

WHEREAS in addition to said appropriations made by the Sixty Fifth and Sixty Sixth General Assemblies of the State of Illinois it will be necessary for this Board of Trustees to raise the sum of \$175,000 to complete the construction thereof; and

WHEREAS in order to produce the additional \$175,000 necessary for the completion of said staff housing facilities located on the property hereinabove described in the City of Urbana, Illinois, it will be necessary that this Board of Trustees borrow money and issue its revenue bonds in the principal amount of \$175,000 as authorized pursuant to the Act hereinabove referred to:

NOW, THEREFORE, Be It and It Is Hereby Resolved by the Board of Trustees of the University of Illinois, as follows:

SECTION 1. That it be and it is hereby determined by the Board of Trustees of the University of Illinois, that it is necessary and for the best interests of the University of Illinois that it borrow the sum of \$175,000 to complete the construction of the staff housing facilities located on the property described in the preambles of this resolution in the City of Urbana, Illinois, and in evidence thereof issue its revenue bonds in the principal amount of \$175,000.

SECTION 2. That said bonds shall be designated "Staff Housing Revenue Bonds, Series of 1949", be numbered 1 to 175, inclusive, be of the denomination of \$1,000 each, be dated October 1, 1949, bonds numbered 1 to 46, inclusive, to bear interest at the rate of two and one-half per cent (2½%) per annum, bonds numbered 47 to 175, inclusive, to bear interest at the rate of two and three-fourths per cent (2¾%) per annum, interest payable April 1, 1950, and semi-annually thereafter on the first days of April and October in each year, and to become due as follows:

<i>Principal Amount</i>	<i>Bond Numbers</i>	<i>Maturity Dates</i>
\$ 4,000.....	1- 4 incl.....	October 1, 1950
6,000.....	5- 10   ".....	October 1, 1951
6,000.....	11- 16   ".....	October 1, 1952
7,000.....	17- 23   ".....	October 1, 1953
7,000.....	24- 30   ".....	October 1, 1954
8,000.....	31- 38   ".....	October 1, 1955
8,000.....	39- 46   ".....	October 1, 1956
8,000.....	47- 54   ".....	October 1, 1957
8,000.....	55- 62   ".....	October 1, 1958
8,000.....	63- 70   ".....	October 1, 1959
9,000.....	71- 79   ".....	October 1, 1960
9,000.....	80- 88   ".....	October 1, 1961
9,000.....	89- 97   ".....	October 1, 1962
10,000.....	98-107   ".....	October 1, 1963
10,000.....	108-117   ".....	October 1, 1964
10,000.....	118-127   ".....	October 1, 1965
10,000.....	128-137   ".....	October 1, 1966
10,000.....	138-147   ".....	October 1, 1967
10,000.....	148-157   ".....	October 1, 1968
18,000.....	158-175   ".....	October 1, 1969

provided, however, said bonds shall be redeemable as a whole or in part in the inverse order in which they are numbered, prior to their maturity on any interest payment date at the option of said Board of Trustees of the University of Illinois on or after October 1, 1952, and up to and including April 1, 1954, at par and accrued interest and a premium of three per cent (3%) of the principal amount thereof and a premium of two per cent (2%) of the principal amount thereof if redeemed on October 1, 1954, or on any interest payment date thereafter up to and including April 1, 1959, and a premium of one per cent (1%) of the principal amount thereof if redeemed on October 1, 1959, or on any interest payment date thereafter before maturity.

Notice of redemption of any or all of said bonds shall be given by publication at least once not less than thirty days prior to the date of redemption, such publication to be made once in one newspaper published and of general circulation in the City of Chicago, Illinois, and such notice of redemption shall, with substantial accuracy (a) designate the date and place of redemption, such place to be at the office of the Depositary hereinafter mentioned in the City of Milwaukee and State of Wisconsin; and (b) designate the numbers and the aggregate principal amount of such bonds; and (c) state that on the designated date of redemption said bonds will be redeemed by payment of principal thereof and the accrued interest thereon to date of redemption, plus the applicable redemption premium, and that from and after the designated redemption date interest in respect of all bonds so called for redemption shall cease.

SECTION 3. Any of said bonds may be registered as to principal at any time prior to maturity in the name of the holder on the books of registration of said University to be kept in the office of the Depositary hereinafter mentioned, such registration to be noted on the reverse side of the bonds by the said Depositary as registrar. After such registration no transfer of such bonds shall be valid unless made on the said books by the registered owner in person or by his duly authorized attorney and similarly noted on such bonds. Upon presentation of any of such bonds registered as to principal, accompanied by a written instrument of transfer satisfactory to the Depositary hereinafter mentioned, executed by the registered owner, or by a duly authorized attorney, such bond shall be transferred upon such books. The registered owner of any such bond registered as to principal shall also have the right to cause the same to be discharged from registration by transfer to bearer, in which case transferability by delivery shall be restored, and thereafter the principal of such bond when due shall be payable to the person presenting such bond. Any such bond registered as payable to bearer may be registered again in the name of the owner with the same effect as the first registration thereof. Successive registrations and transfers as aforesaid may be made from time to time as desired. Registration of any of such bonds shall not affect the negotiability of the coupons thereto attached, but such coupons shall be transferable by delivery merely and payable to the bearer thereof.

Said bonds shall be signed by the President and two members of the Board of Trustees of the University of Illinois, sealed with the corporate seal of said University, attested by the Secretary of said Board, and the interest coupons attached to said bonds shall be authenticated by the facsimile signatures of the President and Secretary of the Board of Trustees of the University of Illinois.

SECTION 4. That said bonds and coupons, and form for registration, shall be in substantially the following form:

(Form of Bond)  
UNITED STATES OF AMERICA  
STATE OF ILLINOIS  
UNIVERSITY OF ILLINOIS  
STAFF HOUSING REVENUE BOND, SERIES OF 1949

KNOW ALL MEN BY THESE PRESENTS, that the University of Illinois, a body corporate and politic, for value received, hereby promises to pay to bearer, or if this bond be registered as hereinafter provided, then to the registered holder hereof, solely from the special fund of said University, as hereinafter mentioned, and not otherwise, the principal sum of One Thousand Dollars (\$1,000) on ..... 19....., and to pay interest on said sum from the date hereof until paid at the rate of ..... per cent (.....%) per annum, payable April 1, 1950, and semi-annually thereafter on the first days of April and October in each year, until maturity hereof, in accordance with and upon presentation and surrender of the annexed interest coupons as they severally become due.

Both principal and interest of this bond are hereby made payable in lawful

money of the United States of America at the Marine National Exchange Bank of Milwaukee, in the City of Milwaukee and State of Wisconsin.

This bond and the series of which it forms a part is issued under authority of an Act of the Legislature of the State of Illinois, entitled "An Act to authorize the Board of Trustees of the University of Illinois to acquire by purchase or otherwise, construct, equip, complete, operate, control and manage student residence halls, staff housing facilities, dormitories, health and physical education buildings, or other revenue producing building or buildings, defining the duties of such Board with respect to operation and maintenance thereof, charge fees or rates for the use thereof, and providing for and authorizing the issue of bonds for the purpose of defraying the cost of construction, acquisition or equipment of any such building or buildings, payable solely from the revenues derived from the operation thereof, and for the refunding of any such bonds." Approved June 30, 1945. L. 1945, p. 1753; title as amended by Act approved July 21, 1947, as amended, and all other Laws supplementary thereto, and a resolution duly adopted by the Board of Trustees of the University of Illinois for the purpose of defraying part of the cost of constructing staff housing facilities, located in the City of Urbana, Illinois, on the following described property, to wit:

"Commencing at a point which is 230 feet South and 30 feet West of the Northeast corner of the Northwest Quarter of Section 20, Township 19 North, Range 9 East of the Third Principal Meridian, thence in a westerly direction along a line which is 230 feet from and parallel to the North line of the Northwest Quarter of Section 20 aforesaid a distance of 800.98 feet, thence in a southerly direction along a line making an angle on the East of  $89^{\circ} 53'$  with line aforesaid a distance of 205.74 feet, thence in a southeasterly direction along a line making an angle on the East of  $143^{\circ} 09'$  with line aforesaid a distance of 175.94 feet, thence in a southerly direction along a line making an angle on the East of  $217^{\circ} 10'$  with line aforesaid a distance of 76.30 feet, thence in a southwesterly direction along a line making an angle on the East of  $210^{\circ} 54'$  with line aforesaid a distance of 85.05 feet, thence in a southerly direction along a line making an angle on the East of  $150^{\circ} 29'$  with line aforesaid a distance of 227.30 feet, thence in an easterly direction along a line making an angle on the Northeast of  $88^{\circ} 39'$  with line aforesaid a distance of 156.33 feet, thence in a southerly direction along a line making an angle on the North of  $270^{\circ} 01'$  with line aforesaid a distance of 34.5 feet, thence in an easterly direction along a line making an angle on the Northeast of  $90^{\circ} 00'$  with line aforesaid a distance of 78.33 feet, thence in an easterly direction along a line making an angle on the North of  $176^{\circ} 34'$  with line aforesaid a distance of 145.00 feet, thence in a northwesterly direction along a line making an angle on the Northwest of  $90^{\circ} 00'$  with line aforesaid a distance of 70.13 feet, thence in a northeasterly direction along a line making an angle on the West of  $200^{\circ} 39'$  with line aforesaid a distance of 133.52 feet, thence in a northeasterly direction along a line making an angle on the West of  $215^{\circ} 49'$  with line aforesaid a distance of 322.75 feet, thence in an easterly direction along a line making an angle on the North of  $216^{\circ} 43'$  with line aforesaid a distance of 70.00 feet to a point 30 feet West of the East line of the Northwest Quarter of Section 20 aforesaid, thence in a northerly direction along a line 30 feet from and parallel to section line aforesaid a distance of 359.95 feet to the point of beginning, all in Champaign County, Illinois",

and is payable solely from the net revenue to be derived from the operation of said facilities, and not otherwise, and this bond and the series of which it forms a part do not constitute an indebtedness of said University or of the State of Illinois within any constitutional or statutory limitation, and neither the taxing power nor the general credit of said University or the State of Illinois is pledged to the payment of this bond or the interest thereon.

Under said Act of the Legislature of the State of Illinois and other Laws supplementary thereto and the said resolution adopted pursuant thereto, the net revenue derived from the operation of said facilities shall be deposited with the Marine National Exchange Bank of Milwaukee, in the City of Milwaukee, Wisconsin, under a Deposit Agreement entered into between the Board of Trustees of the University of Illinois and the said Bank, and used only for the purpose of paying the fees and expenses of such Depositary, principal of and interest on the

bonds of said University that are issued under authority of said Act of the Legislature of the State of Illinois and the resolution of the Board of Trustees, hereinabove referred to, and which are payable by their terms only from the net revenue of said staff housing facilities located on the property above described, in the City of Urbana, Illinois.

It is hereby certified and recited that all acts, conditions and things required to be done precedent to and in the issuance of this bond by the Constitution and Statutes of the State of Illinois, and the applicable resolutions of said Board of Trustees of the University of Illinois, have been done and have happened and have been performed in regular and due form and time as required by law and that provision has been made for depositing the net revenue derived from the operation of said facilities with the said Marine National Exchange Bank of Milwaukee, to be applied in the manner as hereinabove set forth.

This bond is one of an authorized issue of \$175,000, all of like date and of the denomination of \$1,000 each, numbered from 1 to 175, inclusive, and said bonds are subject to redemption as a whole or in part in the inverse order in which they are numbered, prior to maturity, on any interest payment date on or after October 1, 1952, and up to and including April 1, 1954, at par and accrued interest and a premium of three per cent (3%) of the principal amount thereof, and a premium of two per cent (2%) of the principal amount thereof if redeemed on October 1, 1954, or on any interest payment date thereafter up to and including April 1, 1959, and a premium of one per cent (1%) of the principal amount thereof if redeemed on October 1, 1959, or on any interest payment date thereafter before maturity.

Notice of redemption of any or all of said bonds shall be published once not less than thirty days prior to date of redemption, such publication to be made in one newspaper published and of general circulation in the City of Chicago, and when this bond or any of the bonds of such authorized issue shall have been called for redemption, interest thereon shall cease from and after the specified redemption date.

This bond shall pass by delivery unless it is registered as to principal in the name of the holder on the books of registration of said University kept at the office of the Depositary hereinabove mentioned, such registration to be noted on the back hereof. After such registration no transfer hereof shall be valid unless made on such books by the registered holder in person or by attorney duly authorized in writing and similarly noted hereon, but this bond may be transferred in like manner to bearer, and thereupon transferability by delivery shall be restored and it may again from time to time be registered or transferred to bearer as before. Such registration, however, shall not restrict the negotiability of the coupons hereto appertaining, but such coupons shall be transferable by delivery merely and payable to the bearer thereof.

This bond and all other bonds of this issue shall have all of the qualities of negotiable instruments, and during such time as this bond is payable to bearer, the same and each of the coupons hereto appertaining may be negotiated by delivery by any person having possession thereof, howsoever such possession may have been acquired, and any holder who shall have taken this bond while so payable to bearer or any of said coupons from any person for value and without notice shall thereby acquire absolute title to this bond or to such coupons as the case may be, free of any defenses enforceable against any prior holder and free from all equities and claims of ownership of any such prior holder, and the said University and any paying agent may deem and treat the bearer of this bond, or, if registered, the person in whose name it is registered and the bearer of any interest coupons appertaining hereto as the absolute owner thereof for all purposes.

Said University of Illinois hereby covenants with the holder of this bond that it will keep and perform all the covenants and agreements in the resolution adopted by the Board of Trustees of said University of Illinois, authorizing the issue of this bond and the series of which it forms a part and as provided in the Deposit Agreement hereinabove referred to, and hereby irrevocably obligates itself to deposit the net revenue derived from the operation of said staff housing facilities with the said Depositary, to administer the said net revenue as provided for in and by said Deposit Agreement, and to establish from time to time charges and fees for the use of said facilities and to maintain and collect

charges and fees sufficient to pay the reasonable cost of operating, maintaining, insuring and repairing of said facilities, and pay the principal of and interest upon all revenue bonds which by their terms are payable from such revenues until all of such bonds have been paid in full, both as to principal and interest.

IN WITNESS WHEREOF, said University of Illinois, by its Board of Trustees, has caused this bond to be signed by the President of the Board of Trustees and two members thereof, its corporate seal to be hereto affixed, attested by the Secretary of said Board, and the coupons hereto attached to be authenticated by the facsimile signatures of the President and Secretary of said Board of Trustees, and this bond to be dated the first day of October, 1949.

.....  
President, Board of Trustees,  
University of Illinois

.....  
Member, Board of Trustees,  
University of Illinois

ATTEST:

.....  
Member, Board of Trustees,  
University of Illinois

.....  
Secretary, Board of Trustees,  
University of Illinois

(Form of Coupon)

Number..... \$.....

On the first day of ....., 19..... \*(unless the within mentioned bond has theretofore been called for payment, as therein provided, and payment made or provided for), the University of Illinois will pay to bearer solely from the special fund referred to in the said bond to which this coupon is attached, ..... Dollars (\$.....) in lawful money of the United States of America at Marine National Exchange Bank of Milwaukee, in the City of Milwaukee, Wisconsin, being interest then due on its Staff Housing Revenue Bond, Series of 1949, dated October 1, 1949, Number .....

.....  
President, Board of Trustees

.....  
Secretary, Board of Trustees

\* The clause within the parentheses to be inserted in all coupons maturing after optional date of bonds to which they are attached.

(Form of Registration)

Date of Registration	In Whose Name Registered	Signature of Registrar

SECTION 5. That upon the issuance of any revenue bonds herein provided for there be and there is hereby established a fiscal year for the operation of said staff housing facilities located on the property heretofore described in the preambles of this resolution, in the City of Urbana, Illinois and said fiscal year shall



commence the first day of July of each year and end the last day of the next succeeding June and all revenues derived from the operation thereof shall be set aside as collected in a separate account and fund and apart from any other funds of said University, and said University covenants that all the revenues, income, receipts, profits, rates, rents, charges, fees and returns derived from the said staff housing facilities and the operation thereof, after setting aside therefrom the reasonable cost of operating, maintaining, insuring and repairing said facilities, shall be paid over to the Depositary hereinafter mentioned semi-annually not later than the dates as hereinafter specified in the said deposit agreement prior to April 1 and October 1 of each year, and said revenues so paid over to the Depositary shall be used only in paying the fees and expenses of such Depositary, principal of and interest upon the revenue bonds of said University that are payable by their terms only from such revenues, and such funds shall be used only for the purposes and in accordance with the Deposit Agreement hereinafter set out.

SECTION 6. That for the purpose of further securing the income and revenue to be derived from the operation of the said staff housing facilities and the application of the net revenue to the payment of the principal of and interest upon the said bonds hereby authorized, the net revenue derived from the operation of the said staff housing facilities shall be deposited with the Marine National Exchange Bank of Milwaukee, hereby designated as the Depositary for the said net revenue, and the President and Secretary of the Board of Trustees and Treasurer of said University be and are hereby authorized and directed to execute for and on behalf of the University a Deposit Agreement with said bank as Depositary in substantially the following form, to wit:

THIS DEPOSIT AGREEMENT dated October 1, 1949 between the University of Illinois, a public corporate body duly organized and existing under the laws of and located in the State of Illinois (hereinafter sometimes referred to as the "University"), party of the first part, and the Marine National Exchange Bank of Milwaukee, a national banking association duly organized and existing under the laws of the United States of America and having its principal office in the City of Milwaukee, in the State of Wisconsin (hereinafter sometimes referred to as the "Depositary"), party of the second part,

WITNESSETH:

WHEREAS the University, pursuant to a resolution of its Board of Trustees, entitled

"RESOLUTION authorizing and providing for the issue of \$175,000 Staff Housing Revenue Bonds, Series of 1949, for the purpose of defraying part of the cost of constructing certain staff housing facilities on property owned by the University of Illinois located in Urbana, Illinois, prescribing all the details of said bonds, and providing for the collection, segregation and distribution of the revenues of the said project, for the purpose of paying the cost of the maintenance and operation thereof, and payment of the principal of and interest on said revenue bonds,"

adopted by said Board of Trustees of the University of Illinois on the ..... day of ....., 1949, has issued or is about to issue One Hundred Seventy-five Thousand Dollars (\$175,000) principal amount of its Staff Housing Revenue Bonds, Series of 1949, for the purpose of defraying part of the cost of constructing staff housing facilities on the following described property located in the City of Urbana, Illinois, to wit:

"Commencing at a point which is 230 feet South and 30 feet West of the Northeast corner of the Northwest Quarter of Section 20, Township 19 North, Range 9 East of the Third Principal Meridian, thence in a westerly direction along a line which is 230 feet from and parallel to the North line of the Northwest Quarter of Section 20 aforesaid a distance of 800.98 feet, thence in a southerly direction along a line making an angle on the East of 89° 53' with line aforesaid a distance of 205.74 feet, thence in a southeasterly direction along a line making an angle on the East of 143° 09' with line aforesaid a distance of 175.94 feet, thence in a southerly direction along a line making an angle on the East of 217° 10' with line aforesaid a distance of 76.30 feet, thence in a south-westerly direction along a line making an angle on the East of 210° 54' with line

aforesaid a distance of 85.05 feet, thence in a southerly direction along a line making an angle on the East of  $150^{\circ} 29'$  with line aforesaid a distance of 227.30 feet, thence in an easterly direction along a line making an angle on the Northeast of  $88^{\circ} 39'$  with line aforesaid a distance of 150.33 feet, thence in a southerly direction along a line making an angle on the North of  $270^{\circ} 01'$  with line aforesaid a distance of 34.5 feet, thence in an easterly direction along a line making an angle on the Northeast of  $90^{\circ} 00'$  with line aforesaid a distance of 78.33 feet, thence in an easterly direction along a line making an angle on the North of  $176^{\circ} 34'$  with line aforesaid a distance of 145.00 feet, thence in a northwesterly direction along a line making an angle on the Northwest of  $90^{\circ} 00'$  with line aforesaid a distance of 70.13 feet, thence in a northeasterly direction along a line making an angle on the West of  $200^{\circ} 39'$  with line aforesaid a distance of 133.52 feet, thence in a northeasterly direction along a line making an angle on the West of  $215^{\circ} 49'$  with line aforesaid a distance 322.75 feet, thence in an easterly direction along a line making an angle on the North of  $216^{\circ} 43'$  with line aforesaid a distance of 70.00 feet to a point 30 feet West of the East line of the Northwest Quarter of Section 20 aforesaid, thence in a northerly direction along a line 30 feet from and parallel to section line aforesaid a distance of 359.95 feet to the point of beginning, all in Champaign County, Illinois",

said bonds being dated October 1, 1949, and maturing as follows:

<i>Principal Amount</i>	<i>Bond Numbers</i>	<i>Maturity Dates</i>
\$ 4,000.....	1- 4 incl.....	October 1, 1950
6,000.....	5- 10 ".....	October 1, 1951
6,000.....	11- 16 ".....	October 1, 1952
7,000.....	17- 23 ".....	October 1, 1953
7,000.....	24- 30 ".....	October 1, 1954
8,000.....	31- 38 ".....	October 1, 1955
8,000.....	39- 46 ".....	October 1, 1956
8,000.....	47- 54 ".....	October 1, 1957
8,000.....	55- 62 ".....	October 1, 1958
8,000.....	63- 70 ".....	October 1, 1959
9,000.....	71- 79 ".....	October 1, 1960
9,000.....	80- 88 ".....	October 1, 1961
9,000.....	89- 97 ".....	October 1, 1962
10,000.....	98-107 ".....	October 1, 1963
10,000.....	108-117 ".....	October 1, 1964
10,000.....	118-127 ".....	October 1, 1965
10,000.....	128-137 ".....	October 1, 1966
10,000.....	138-147 ".....	October 1, 1967
10,000.....	148-157 ".....	October 1, 1968
18,000.....	158-175 ".....	October 1, 1969

Bonds numbered 1 to 46, inclusive, bearing interest at the rate of two and one-half per cent ( $2\frac{1}{2}\%$ ) per annum, bonds numbered 47 to 175, inclusive, bearing interest at the rate of two and three-fourths per cent ( $2\frac{3}{4}\%$ ) per annum, interest payable April 1, 1950, and semi-annually thereafter on the first days of April and October in each year, said bonds being redeemable as a whole or in part in the inverse order in which they are numbered, prior to their maturity, on any interest payment date on or after October 1, 1952 and up to and including April 1, 1954, at par and accrued interest and a premium of three per cent (3%) of the principal amount thereof, a premium of two per cent (2%) of the principal amount thereof if redeemed on October 1, 1954, or on any interest payment date thereafter up to and including April 1, 1959, and a premium of one per cent (1%) of the principal amount thereof if redeemed on October 1, 1959, or on any interest payment date thereafter before maturity.

Notice of redemption shall be given by publication at least once not less than thirty days prior to date of redemption, such publication to be made once in one newspaper published and of general circulation in the City of Chicago, Illinois; and

WHEREAS the said bonds are payable both as to principal and interest and premium, if any, solely from the net revenues to be derived from the operation

of the said staff housing facilities, the term "net revenues" as used herein meaning the gross revenues of the said facilities, less the reasonable cost of operating, insuring, maintaining and repairing the said facilities; and

WHEREAS the University has, in and by the said resolution, covenanted and agreed, for the benefit of the holders from time to time of the said bonds and the interest coupons thereto appertaining, that the net revenues of the said staff housing facilities will be from time to time deposited with the Depositary and used only for the payment of the fees and expenses of the Depositary, principal of, premium, if any, and the interest on the said bonds; and

WHEREAS the University has, in and by the said resolution, further covenanted and agreed that it would execute and deliver a Deposit Agreement in the form and terms hereof:

NOW, THEREFORE, in consideration of the premises and of the mutual covenants and agreements hereinafter set forth and pursuant to the terms and provisions of the said resolution, the University and the Depositary have agreed and do hereby agree as follows for the equal and proportionate benefit and security of the holders of the said bonds of the University and the interest coupons thereto appertaining; that is to say:

SECTION 1. The University covenants that proper books of record and account will be kept, in which full, true and correct entries will be made of all income, expenses and financial transactions of and in relation to the said staff housing facilities, and that it will furnish to the Depositary, on or before October 1, 1950, for that period from October 1, 1949, to June 30, 1950, and on or before October 1 in each year thereafter so long as any bonds remain outstanding, a statement certified as correct by the Comptroller and Treasurer of the University, showing the gross operating revenues, the operating expenses and the net revenues of the said staff housing facilities for the twelve months' period ended on the next preceding June 30. The Depositary shall have no duty to request any such information nor any duty relative to the statements from time to time furnished by the University, except to preserve the same for the inspection of the holders of the bonds during usual business hours.

SECTION 2. The University has covenanted with the holders of the bonds hereinabove referred to that all of the revenues, income, receipts, profits, charges, fees, rents and returns derived from the said staff housing facilities and the operation thereof shall be collected by the University and, after setting aside therefrom the reasonable cost of operating, maintaining, insuring and repairing the said staff housing facilities, shall be paid over to the Depositary semi-annually not later than July 31, for the previous six months' period ending June 30 each year, and January 31, for the previous six months' period ending December 31 of each year, provided, however, there shall be deposited on or before March 1, 1950, an amount of the net revenues for the period from October 1, 1949 to the last day of February, 1950, which shall not be less than interest requirements due on said bonds April 1, 1950, plus Depositary's fees, and the University hereby covenants and agrees so to do. All funds received by the Depositary under the terms of this agreement, after deducting fees and expenses of such Depositary, shall be held by the Depositary in a special trust account to be known as the sinking fund and shall be disbursed or applied by the Depositary as hereinafter provided.

At least five (5) days before each semi-annual interest payment date the Depositary shall, if the sinking fund moneys then on deposit are sufficient for that purpose, set aside an amount equal to the interest becoming due on the next ensuing interest payment date on all of the said bonds then outstanding, and such funds shall be and they are hereby appropriated irrevocably to the payment of such interest, and the Depositary, as paying agent, is hereby authorized and directed to apply the same to the payment of such interest on the next ensuing interest payment date upon surrender of the interest coupons becoming due on the said interest date and appertaining to the outstanding bonds.

At least five (5) days before the express date of maturity of the bonds, the Depositary shall set aside from the moneys in the sinking fund, if such moneys then on deposit are sufficient for that purpose after making provision for payment of the interest becoming due on the outstanding bonds on such maturity date, an amount equal to the principal of the bonds then maturing, and such funds shall

be and they are hereby appropriated irrevocably to the payment of the principal of the said maturing bonds, and the Depositary, as paying agent, is hereby authorized and directed to apply the same to the payment of the principal of the said bonds upon surrender of the said bonds.

If, upon the fortieth (40th) day before any interest payment date, the Depositary has cash in the sinking fund after setting aside an amount sufficient to pay interest becoming due on all outstanding bonds on the next two ensuing interest payment dates and to pay the principal and premium, if any, of any bonds theretofore called for redemption and not yet redeemed and the principal of all bonds becoming due on the next two ensuing principal payment dates, such cash shall be applied by the Depositary to the redemption on the next ensuing interest payment date of outstanding bonds, which by their terms are redeemable, in an amount sufficient to exhaust as nearly as may be such cash, after deducting therefrom and paying all costs and expenses of such redemption.

The said bonds are each in the denomination of One Thousand Dollars (\$1,000) and are numbered from 1 to 175, inclusive. All bonds redeemed through the operation of the sinking fund, together with the appertaining interest coupons, shall be cancelled by the Depositary and delivered to the Treasurer of the University. The Depositary shall keep a record of the numbers of all bonds so redeemed.

Notice of redemption through the operation of the sinking fund shall be published by the Depositary, either in the name of the University or in the name of the Depositary, as the Depositary may determine, once not less than thirty (30) days prior to the date of redemption. Such publication to be made in one newspaper published and of general circulation in the City of Chicago, Illinois. Such notice shall with substantial accuracy:

(a) Designate the date and place of redemption, such place to be the office of the Depositary, in the City of Milwaukee and State of Wisconsin;

(b) If the bonds to be redeemed are less than all of those outstanding, designate the numbers and the aggregate principal amount of such bonds; and

(c) State that on the designated date of redemption said bonds will be redeemed by payment of the principal thereof and the accrued interest thereon, plus the applicable redemption premium, and that from and after the designated redemption date interest in respect of the bonds so called for redemption will cease.

Upon publication of notice of redemption of any bonds through the operation of the sinking fund, the Depositary shall set aside from the moneys in the sinking fund an amount sufficient to pay and redeem the said bonds, and such funds be and are hereby appropriated irrevocably for that purpose, and the Depositary, as paying agent, is hereby authorized and directed to apply such funds to the payment and redemption of the said bonds on or after the specified redemption date upon surrender of the said bonds, together with all unmatured interest coupons thereto appertaining.

SECTION 3. The University has covenanted with the holders of the bonds, hereinabove referred to, that it will, so long as any of the said bonds shall remain outstanding and unpaid, keep in the office of the Depositary, in the City of Milwaukee and State of Wisconsin, books for the registration and transfer as to principal of bonds of the said issue, and the said Depositary is hereby appointed the agent of the University, with the title of Registrar, for the purpose of registering and transferring the said bonds as to principal only.

As to each bond registered, as to principal only, the person or entity in whose name the same is for the time being registered shall be deemed and regarded as the absolute owner thereof for all purposes, except for the purpose of receiving payment of the outstanding coupons, if any, appertaining thereto, and so long as the same shall be so registered payment of or on account of the principal thereof shall be made by the Depositary, as paying agent, only to the registered owner thereof. The bearer of any of the said bonds which shall not be registered as to principal and the bearer of any coupon appertaining to any such bond, whether or not such bonds shall be registered as to principal, shall for all purposes be deemed and regarded as the absolute owner of such bond or coupon as the case may be for the purpose of receiving payment thereof

and for all other purposes, and the Depositary, as paying agent, shall be fully protected in making payment of any such bond or coupon to the bearer thereof.

SECTION 4. The Depositary has executed this agreement and agrees to carry out the terms and provisions hereof on its part, but only upon and subject to the following express terms and conditions:

(a) The Depositary shall not be responsible for any recitals herein or in the said bonds or for the validity of this agreement or of the said bonds, nor for the performance of any of the agreements herein contained on the part of the University.

(b) The Depositary shall not be accountable for any of the proceeds of the bonds or of the revenues of the said staff housing facilities nor for any other funds of the University, except such funds as may be deposited hereunder. The Depositary shall not be required to allow interest on any funds at any time deposited hereunder. The Depositary may become the owner of bonds of the said issue with the same rights which it would have if not Depositary.

(c) The Depositary shall not be liable for any action taken or omitted to be taken by it in good faith and in the exercise of reasonable care and believed by it to be within the discretion or power conferred upon it by this agreement, nor shall the Depositary be responsible for the consequences of any error of judgment, and the Depositary shall not be answerable except for its own acts, neglect and default, nor for any loss unless the same shall happen through the negligence or want of good faith of the Depositary.

(d) The Depositary shall be entitled to advice of counsel concerning all matters arising under this agreement and its duties hereunder, and may in all cases pay such reasonable compensation as it shall deem proper to such counsel and all such outlays and expenditures shall be repaid to the Depositary out of the sinking fund money.

(e) The Depositary shall not be required to give any bond or surety in respect of the exercise of the duties and powers conferred hereby or otherwise in respect of the premises.

(f) The Depositary shall have a first lien hereunder upon the sinking fund moneys for reasonable compensation, expenses, advances and counsel fees incurred in and about the exercise and performance of its powers and duties hereunder, and the cost and expense of defending against any liability in the premises of any character whatsoever. The compensation of the Depositary shall not be limited to or by any provision of law in regard to the compensation of a trustee of an express trust.

(g) The Depositary at the time acting hereunder may at any time resign by giving not less than sixty (60) days' written notice to the University specifying the date when such resignation takes effect.

SECTION 5. The University covenants that in case the Depositary at the time acting hereunder shall resign or be dissolved or shall be in the course of dissolution or liquidation or otherwise become incapable of acting hereunder, the University will forthwith appoint a successor Depositary which shall be a trust company or bank in good standing located in the State of Illinois and having a capital and surplus of not less than Five Million Dollars (\$5,000,000), if there be such a trust company or bank willing, qualified and able to accept the appointment upon reasonable or customary terms.

Every successor Depositary appointed hereunder shall execute, acknowledge and deliver to its predecessor and also to the University an instrument in writing accepting such appointment hereunder, and thereupon such successor Depositary, without any further act, deed or conveyance, shall become fully vested with all of the estates, rights, powers, duties and obligations of its predecessor, and every predecessor Depositary shall deliver all moneys and securities, together with a record of the amount and the numbers of the outstanding bonds, to its successor; provided, however, that before such delivery is required or made, all fees, advances and expenses of the retiring Depositary shall be paid in full.

Any corporation into which the Depositary or any successor to it may be merged or converted or with which it or any successor to it may be consolidated,

or any corporation resulting from any merger, conversion or consolidation to which the Depositary, or any successor to it shall be a party, shall be the successor Depositary under this agreement without the execution or filing of any paper on the part of either of the parties hereto.

SECTION 6. Nothing in this agreement expressed or implied is intended or shall be construed to confer upon any person, firm or corporation, other than the parties hereto and the holders of the said bonds and the coupons thereto appertaining, any right, remedy or claim, legal or equitable, under or by reason of this agreement or any covenant, condition or stipulation hereof.

IN WITNESS WHEREOF, said University of Illinois, acting by and through its Board of Trustees, has caused this agreement to be signed in its name by the President of the Board of Trustees and the Treasurer thereof and its corporate seal to be hereunto affixed and attested by the Secretary thereof, and said Marine National Exchange Bank of Milwaukee has caused this agreement to be signed in its corporate name by one of its Vice Presidents and its corporate seal to be hereunto affixed and attested by one of its Assistant Cashiers, all as of the day and year first above written.

UNIVERSITY OF ILLINOIS

By.....  
President, Board of Trustees

ATTEST:

.....  
Secretary, Board of Trustees

.....  
Treasurer, University of Illinois

MARINE NATIONAL  
EXCHANGE BANK  
OF MILWAUKEE  
As Depositary

ATTEST:

.....  
Assistant Cashier

By.....  
Vice President

SECTION 7. Said University hereby covenants that proper books of record and account will be kept, in which full, true and correct entries will be made of all income, expenses and financial transactions of and in relation to the said staff housing facilities, and that it will furnish to the Depositary and to the original purchasers of said bonds on or before October 1 in each year so long as any bonds remain outstanding a statement certified as correct by the Comptroller and Treasurer of the University, showing the gross operating revenues, the operating expenses, and the net revenues of said staff housing facilities for the twelve months' period ending on the next preceding June 30.

SECTION 8. The University covenants that while any of the bonds authorized hereunder remain outstanding it will establish charges and fees for the use of said staff housing facilities and all of the facilities thereof adjusted so as to provide revenues at all times sufficient to pay the reasonable cost of maintaining, operating, insuring and repairing the said staff housing facilities, to pay the interest from time to time becoming due on the said bonds from time to time outstanding, and to provide for the payment of the principal of such bonds at maturity.

SECTION 9. It is hereby covenanted and agreed that while any revenue bonds issued hereunder are outstanding no additional revenue bonds shall be issued which, by their terms, are payable from the revenues of said staff housing facilities, unless and until all revenue bonds issued pursuant to the terms of this resolution have been paid in full, both as to principal and interest, or until provision shall have been made for such payment in full.

SECTION 10. Said University of Illinois hereby covenants and agrees with the holder or holders of the bonds herein proposed to be issued, or any of them, that it will punctually perform all duties with reference to said staff housing facilities required by the Constitution and Laws of the State of Illinois, including the making and collecting of sufficient charges and fees for the use of said properties and all of the facilities thereof, and segregating the revenue thereof and the application of the income and revenue thereof, as provided by this resolution; and it hereby covenants and agrees not to sell, lease, loan, mortgage

or in any manner dispose of said staff housing facilities, including any and all extensions and improvements that may be made thereto, until all of the bonds herein authorized to be issued shall have been paid in full, both principal and interest, or unless and until provision shall have been made for the payment thereof in full, and the said University further covenants and agrees with the holders of said bonds to maintain in good condition and continuously operate said staff housing facilities and maintain and keep in full force and effect at all times adequate insurance for the protection of said properties, including multi-risk insurance, covering loss or damage to said properties and use and occupancy insurance covering loss of use of said properties. The cost of maintaining all insurance shall be deemed to be an operating charge and shall be paid only from revenues.

Any proceeds derived by said University from any multi-risk insurance shall be applied to the payment of the said University's reasonable and necessary costs in reconstruction, repair or rehabilitation of the said properties and any proceeds derived from any use and occupancy insurance shall be applied in the same manner and to the same effect as gross operating revenues.

SECTION 11. The provisions of this resolution shall constitute a contract between the University of Illinois and the holders of the bonds herein authorized to be issued, and after issuance of the bonds no changes, additions, alterations or amendments of any kind shall be made to this resolution in any manner, until such time as all of said bonds issued hereunder, and interest thereon, shall be paid in full, or unless and until provision shall have been made for the payment of all bonds hereby authorized and interest thereon in full.

SECTION 12. Any holder of a bond or bonds, or any of the coupons of any bond or bonds issued under the provisions of this resolution, may either in law or in equity, by suit, action, mandamus or other proceeding, enforce or compel the performance of all duties required by this resolution or the acts under which the bonds hereby authorized are issued, including the fixing, maintaining and collecting of such charges and fees for the use of such properties and all facilities thereof as will be sufficient for all the purposes provided by this resolution, and the application of income and revenue therefrom.

SECTION 13. If any section, paragraph, clause or provision of this resolution shall be held invalid, the invalidity of such section, paragraph, clause or provision shall not affect any of the other provisions of this resolution.

SECTION 14. That Trustees PARK LIVINGSTON and FRANCES B. WATKINS be and they are hereby designated and directed to execute the said Staff Housing Revenue Bonds, Series of 1949, hereby authorized, together with the President and Secretary of the Board of Trustees of the University of Illinois, and the said President, Secretary and Treasurer of this Board of Trustees, be and they are each of them hereby authorized and directed to execute all instruments, papers, documents and agreements necessary or convenient to accomplish the issue and delivery of the said Staff Housing Revenue Bonds, Series of 1949, to the purchaser thereof.

SECTION 15. That said revenue bonds shall be executed as soon after this resolution becomes effective as may be, be deposited with the Treasurer of said University, and be by him delivered to John Nuveen & Co., the purchasers thereof, upon receipt of the purchase price, the contract for the sale thereto heretofore entered into be and the same is hereby in all respects ratified and approved. Any accrued interest or premium derived from the sale of said bonds shall be deposited in the sinking fund hereinabove provided and applied toward payment of interest or principal of said bonds as thereby required.

SECTION 16. This resolution shall be in full force and effect from and after its passage.

Passed....., 1949.

Recorded....., 1949.

ATTEST:

.....  
President, Board of Trustees

.....  
Secretary

STATE OF ILLINOIS }  
COUNTY OF CHAMPAIGN } SS

I, \_\_\_\_\_, do hereby certify that I am the duly qualified and acting Secretary of the Board of Trustees of the University of Illinois, and as such official have charge and custody of the minutes of the meetings and records of the Board of Trustees of said University of Illinois, and as such official I further certify that the foregoing resolution attached hereto, entitled

"RESOLUTION authorizing and providing for the issue of \$175,000 Staff Housing Revenue Bonds, Series of 1949, for the purpose of defraying part of the cost of constructing certain staff housing facilities on property owned by the University of Illinois located in Urbana, Illinois, prescribing all the details of said bonds, and providing for the collection, segregation and distribution of the revenues of the said project, for the purpose of paying the cost of the maintenance and operation thereof, and payment of the principal of and interest on said revenue bonds,"

is a true, correct and exact copy of the original resolution adopted by the Board of Trustees of the University of Illinois at its regular meeting held on the \_\_\_\_\_ day of \_\_\_\_\_, 1949.

IN WITNESS WHEREOF I hereunto set my hand and the seal of said University of Illinois, this \_\_\_\_\_ day of \_\_\_\_\_, 1949.

\_\_\_\_\_  
Secretary, Board of Trustees,  
University of Illinois

## PURCHASES

### A. Purchases Authorized

The following purchases have been authorized by the President of the University on the recommendations of the Director of Purchases and the Comptroller. Unless otherwise specified the purchases were made on the basis of lowest bids.

Item	Department	Vendor	Cost
Ten cases glacial acetic acid; 36 cases hydrochloric acid; 36 cases nitric acid; 75 cases sulfuric acid; 10 cases ammonium hydroxide	General Chemical Stores	J. T. Baker Chemical Co., Chicago	\$1 783 96 delivered
440 pieces (assorted) laboratory glassware, standard taper joint equipment, of Pyrex glass	General Chemical Stores	Scientific Glass Apparatus Co., Bloomfield, N.J.	1 357 58 f.o.b. Urbana
5,123 pieces (assorted) Coors laboratory porcelain ware	General Chemical Stores	A. Daigger & Co., Chicago	4 698 14 f.o.b. Urbana
505 Venetian blinds to be installed in new Student and Staff Apartment Building	Physical Plant	F. K. Robeson, Champaign	4 003 97 installed
16,650 feet tubing, black, gum rubber in assorted sizes for laboratory uses	General Chemical Stores	Garlock Packing Co., Chicago	1 033 16 f.o.b. Urbana
8,000 gallons RT-10 road tar	Physical Plant	Illiana Construction Co., Urbana	1 120 00
5,200 ft. standard weight galvanized threaded pipe consisting of sizes from $\frac{3}{8}$ " to $2\frac{1}{2}$ " diameter; 5,700 ft. standard weight black threaded pipe consisting of various sizes from $\frac{1}{4}$ " to 4" diameter	Physical Plant	Crane Co., Terre Haute, Ind.	1 411 09 f.o.b. Urbana
Four model 2709 professional 35 mm. motion picture cameras; 3 pilot pin mechanisms with a special glass insert; four No. 5021-A 200 ft. magazine designs	Physics	Bell & Howell Co., Chicago	10 962 00 f.o.b. Chicago
One walk-in-refrigerator 8 $\frac{1}{4}$ ' wide x 12' long x 7 $\frac{1}{2}$ ' high with 1 h.p. compressor, 220 V., 3 phase, 60 cycle	Bacteriology	Swain & Myers, Inc., Decatur	1 892 00



<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Three wall tables, desk combination 11'8" long, 31" wide, 56½" high; 3 wall tables, ditto but without desk attachment; 1 wall sink assembly, 50" long x 31" wide x 37" high, basin I.D. 24" x 21" x 10"; 1 dark room developing table, overall 7' long x 31" wide x 45" high; 2 peg boards, carbonized birch, 24" wide x 30" high with 39½" x 5" pegs on 4" centers staggered rows	Physiology	Leonard Peterson & Co., Inc., Chicago	3 285 00 f.o.b. Urbana
10,000 reprints of Graduate College catalog	University Press	Interstate Printing Co., Danville	4 170 00 f.o.b. Urbana
10,000 copies of 96-page book entitled <i>Current Advances in Dentistry</i> with 82-line engravings and 93 halftones, printed on 70 lb. Wedgewood enamel, or equal, with 80 lb. coated cover stock	Dentistry	Rogers Printing Co., Chicago	4 652 00 delivered
Telephone services for transmission of postgraduate telephone extension program on "Current Advances in Dentistry"	Dentistry, Post-graduate Studies	American Telephone & Telegraph Co., Chicago	39 600 00 (estimated tolls, tax exempt)
One panel truck, ½ ton	Residence Halls (Stadium Terrace Operations)	Rogers Chevrolet Co., Rantoul	1 389 85

### B. Purchases Recommended

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

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
325,000 gallons of No. 5 fuel oil for the heating plant at Navy Pier	Physical Plant, Chicago Under-graduate Division	Seneca Petroleum Co., Chicago	\$0.0677 a gallon, or 22 002 50
750 tons agricultural limestone to be delivered and spread; 225 tons rock phosphate 31 percent P <sub>2</sub> O <sub>5</sub> delivered and spread	Agricultural Economics, Allerton Farms	Piatt County Service Co., Monticello	6 783 75
1,450 ft. of 6" schedule 40, black seamless steel pipe	Physical Plant	Field & Shorb Co., Decatur	1 684 76 f.o.b. Urbana
Three 1,000 ft. reels 2/C No. 6 A.W.G. stranded type RLJFJ 600 volt N-E-C cable round	Physical Plant	Efengge Electrical Supply Co., Chicago	1 061 82 f.o.b. Urbana
60 head choice yearling stocker steers weighing approximately 600 lbs.	Animal Science	Chicago Producers Commission Association, Union Stock Yards, Chicago	9 000 00 delivered (approximately)
To be selected by Professors R. R. Snapp or F. C. Francis about October 1, 1949. Price will be market price at time of selection.			
600 cases bleached paper hand towels	Physical Plant	Schwarz Paper Co., Peoria	3 030 00 f.o.b. Champaign
50,000 lbs. newsprint paper for printing <i>Illinois Alumni News</i>	Alumni Association	C. J. Duffey Paper Co., Rock Island	3 050 00 f.o.b. Urbana
Two issues <i>University of Illinois Law Forum</i> Quarterly	College of Law	Twin City Printing Co., Champaign	4 440 00
1 ½ ton pick-up truck with fresh air heater and defroster, oil bath, air cleaner	Veterinary Clinical Medicine	Whowell Motor Sales, Paxton	1 199 82
One Chevrolet carryall suburban automobile, less allowance on car No. 760 1939 Ford Station Wagon	Zoology and Physiology	Rogers Chevrolet Co., Rantoul	1 600 00
27 drawing tables (special) oak construction, 60" x 36" x 35", including 18" x 36" x 1 ¼" adjustable top, 12 tables to include 3" raising blocks	Physical Plant	W. B. Read & Co., Bloomington	1 461 46
Two centrifuges, laboratory, super-speed, 15,000 r.p.m., R.C.F. 26,000 X G, water cooled, capacity of eight 50 c.c. tubes	Bacteriology	Ivan Sorvall, Inc., New York City	1 242 00 f.o.b. New York

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One electromagnet similar to Central Scientific No. 79650	Radiology Beta-tron, Medicine	Westinghouse Electric Corp., Detroit, Mich.	1 081 00 f.o.b. Detroit
1 potentiometer, indicating and recording, six point, 12" chart, pen speed 24 seconds, range 0-1000 degrees F.; 3 potentiometers, indicating, 0-1000 degrees F., 28 1/2" scale rotating, 30 amp mercury control switch	Chemical Engineering	Brown Instrument Co., Peoria	1 342 44 f.o.b. Philadelphia
One high temperature short-time milk pasteurizing unit, capacity 3,000 lbs. an hour, complete with necessary pumps and controls	Food Technology	Creamery Package Manufacturing Co., Chicago	5 300 00 f.o.b. factory Ft. Atkinson, Wis.
Reprinting 10,000 copies of Units 89 to 113 of <i>Better Farming</i> , a publication of the Agricultural Experiment Station; this reprint consists of 205 pages 8 1/2" x 11" which will be reproduced by offset process	Agricultural Administration	Cushing-Malloy, Inc., Ann Arbor, Mich.	3 600 00 f.o.b. Urbana
18,000 lbs. soft paste, all-purpose white lead in 100 lb. kegs	Physical Plant	National Lead Co., Chicago	3 690 00 f.o.b. Urbana
5,000 1/2-watt resistors, with 5 per cent tolerance; 14,100 1 watt resistors, with 5 per cent tolerance; 20,200 2-watt resistors, with 5 per cent tolerance	Graduate College, Computer	Allen Bradley Co., Chicago	2 846 00 f.o.b. Urbana
Liquid nitrogen for use in University research laboratories	General Chemical Stores	Linde Air Products Co., Chicago	4 000 00 a year
One laboratory table with sink as per University specifications, for Allergy Laboratory	College of Medicine, Allergy Unit	E. H. Sheldon & Co., Chicago	1 440 60
One portable refrigerated centrifuge, 60 cycle, 110 volt, A.C. International Model P.R.1, catalogue No. 180	College of Medicine, Physiology	Chicago Apparatus Co., Chicago	1 690 00 f.o.b. delivered
Two model 19 teletype sets	Graduate College, Computer	Graybar Electric Co., Chicago	4 194 00 f.o.b. Chicago
One Grass eight-channel electroencephalograph	Psychiatry	Grass Instrument Co., Quincy, Mass.	1 700 00 delivered
One used Mason and Hamlin grand piano	Robert Allerton Park	Dean Rexford Newcomb, Urbana	1 400 00
150 feeder lambs, weighing approximately 70 lbs. To be selected by Dr. U. S. Garrigus about October 15, 1949. Price will be market price at time of selection.	Animal Science		2 500 00 (approximately)
Lockup, presswork, and binding 5,000 copies of 1949-1950 film catalog consisting of 320 pages and cover, printer to furnish paper	Print Shop (for Audio-Visual Service of Division of University Extension)	Pantagraph Printing & Stationery Co., Bloomington	1 892 00 f.o.b. Urbana
2,000 copies <i>Financing Efficient School Districts</i> to be printed and bound	Bureau of Research and Service	Pantagraph Printing & Stationery Co., Bloomington	1 575 00 f.o.b. Urbana
Reprinting 10,000 copies of Units 1 to 60 (excluding Unit 14) of <i>Better Farming</i> , a publication of the Agricultural Experiment Station; this reprint consists of 327 pages 8 1/2" x 11" which will be reproduced by offset process	Agricultural Administration	Cushing-Malloy, Inc., Ann Arbor, Mich.	5 000 00 f.o.b. Urbana
Printing and binding 5,000 copies of Engineering Experiment Station Circular 60, <i>Lectures on Foundation Engineering</i>	Engineering Experiment Station	Twin City Printing Co., Champaign	2 269 75 f.o.b. Urbana
625 tons 1/4 x 10 mesh southern Illinois oil treated stoker coal; 23 tons 3 x 2 southern Illinois nut coal; 50 tons southern Illinois lump coal	Residence Halls (Temporary Housing)	LeBaugh Coal Co., Urbana	6 622 20
9,000 tons coal, 1 1/4" or 1 1/2" freshly-mined Illinois washed screenings to be delivered as required	Chicago Professional Colleges, Power Plant	Fleming Coal Co., Chicago	64 530 00 (\$7.17 a net ton delivered)

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Owner's, landlord's, and tenant's elevator liability insurance, 3 years from October 1, 1949, with limits of \$100,000 to \$500,000 for bodily injury and \$25,000 for property damage	Physical Plant Maintenance	O. J. Wheeler, Chicago, representing Michigan Mutual Liability Co.	1 454 49 net

**COMPTROLLER'S REPORT OF CONTRACTS EXECUTED  
JULY 11 TO SEPTEMBER 10, 1949**

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Date</i>
National Dairy Council	Occurrence of quinoline acid plus 3 hydroxyanthronic acid in foodstuffs including dairy products	\$ 500 00	July 1, 1949
Roses, Inc.	Anatomical and physiological factors affecting the susceptibility of various rose varieties to mildew infection	1 400 00	August 1, 1949
International Harvester Co.	Study of parlor milking systems	None	August 1, 1949
Illuminating Engi- neering Society	Pavement surface reflectance	4 500 00	August 1, 1949

**ADJUSTMENTS FOR COST-PLUS CONTRACTS UNDER  
STANDING CONTRACTS OF JULY 1, 1948**

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>
Lewis S. Colbert	Twenty adjustments	\$ 873 22
Reliable Plumbing and Heating Co.	Thirteen adjustments	123 57
Schroeder's	Nine adjustments	1 509 64
Square Deal Electric Co.	Seven adjustments	525 00

**GIFTS AND GRANTS RECEIVED BY THE UNIVERSITY**

**I. FOR THE COLLEGES AND SCHOOLS AT URBANA-CHAMPAIGN:**

**A. Undergraduate Scholarships, Prizes, and Other Financial Aids:**

1. Illini Achievement Fund, \$7,500 for Illini War Memorial Scholarships for undergraduate students..... \$ 7 500 00
2. Campus Chest, an undergraduate fund-raising organization, \$1,975 for undergraduate scholarships..... 1 975 00
3. Mr. Robert Allerton, of Hawaii, \$800 for the 1949 Allerton Traveling Scholarships in Architecture..... 800 00
4. Mrs. Kittie B. Pierce, La Grange, \$500 for the Phyllis Pierce Ruettinger Memorial Scholarship for 1949-1950.. 500 00
5. Mr. John W. Ruettinger, Chicago, Class of 1927, \$500 for the John C. Ruettinger Memorial Scholarship for 1949-1950..... 500 00
6. Illinois Federation of Women's Clubs, Third District, \$2,780 for scholarships in Occupational Therapy..... 2 780 00
7. Illinois Congress of Parents and Teachers, \$600 for general scholarships; also, \$200 for a scholarship for a student preparing to teach handicapped children..... 800 00
8. Mrs. Margaret Anderson, Morris, \$2,100 to be added to the scholarship fund for students in the School of Music known as the "William Anderson Scholarship in Music" in memory of her late husband. (The amount received to date is \$8,600.)..... 2 100 00
9. Sinai Temple Congregation of Champaign-Urbana, \$50 for a scholarship in the School of Music..... 50 00
10. Old Ben Coal Company, \$600 for scholarships in Mining Engineering..... 600 00
11. Peabody Coal Company, \$1,200 for scholarships in Mining Engineering..... 1 200 00
12. Tamping Bag Company, \$200 to supplement funds for a scholarship in engineering given by Mr. A. E. Pickard.. 200 00
13. John Morse Memorial Foundation, Chicago, \$1,500 for scholarships in Mechanical and Electrical Engineering.. 1 500 00

14. Chicago Section of the Illuminating Engineering Society, \$500 for scholarships for juniors and seniors in Electrical Engineering (Illumination Option).....	500 00
15. Chicago Farmers, Chicago, \$500 for a scholarship in the College of Agriculture.....	500 00
16. Kroger Company, Cincinnati, Ohio, \$1,200 for scholarships for students in agriculture and home economics in the amount of \$200 each.....	1 200 00
17. Brook Hill Farms, Inc., Chicago, \$100 for the renewal of the "Brook Hill Farms Award" (scholarship) in Dairy Technology.....	100 00
18. The Air Foundation, Cleveland, Ohio, through the University of Illinois Foundation, \$1,000 to be used for scholarships or research in the Institute of Aviation.....	1 000 00
19. Panhellenic Council, a University of Illinois student organization, \$175 for a woman's scholarship.....	175 00
20. The Praetorians of Illinois, \$60 for a tuition scholarship for one male student for the fall semester, 1949-1950.....	60 00
21. The former Woman's League, \$132.79 to be added to the Woman's League Needy Students Fund.....	132 79
22. Zeta Psi Educational Foundation, Inc., New York City, \$200 for a scholarship (to a non-Zeta student).....	200 00
23. Ladies Auxiliary, Spanish American War Veterans, Department of Illinois, \$50 for the woman student who has the highest scholastic standing in her first year of work in Home Economics.....	50 00
24. Mr. and Mrs. Edward Clamage, Chicago, \$200 for loans to students on the staff of the <i>Daily Illini</i> . This is a memorial to their son, Lieutenant Raymond Clamage, who lost his life in World War II. He had asked that \$500 be given to the University from the proceeds of his insurance, and this amount was received in June, 1947; his parents are making additional contributions to the fund known as "The Lieutenant Raymond Clamage Loan Fund".....	200 00
<i>Total, Undergraduate Scholarships, Prizes, and Other Financial Aid.....</i>	
	(24 622 79)
B. Funds for Graduate Fellowships, Scholarships, and Research:	
25. United States Department of Agriculture, \$2,875 to the Department of Agricultural Economics to collect and disseminate marketing information, including adequate outlook information on a market-area basis, for the purpose of anticipating and meeting consumer requirements, aiding in the maintenance of farm income, and bringing about a balance between production and utilization of agricultural products.....	2 875 00
26. Illinois Crop Improvement Association, \$500 to help defray the expenses of publishing the Corn Performance Bulletin.....	500 00
27. For the development of the Northern Illinois experimental field in De Kalb County.....	9 578 35
F.F.A. of Amboy High School, Amboy.... \$	16 00
Edgar Florschuetz, Sublette.....	48 00
E. R. McLane, Kankakee.....	125 00
John Stewart, Lakefield Farm, Grayslake..	37 20
Glenn Wheat, Prophetstown.....	259 50
Messrs. Roland L. Doyle & Sons, Henry..	292 70
Walter G. Griffith, Griffith Seed Company, McNabb.....	198 60
Leland Monier, Monier Hybrids, Henry...	262 40
The Elburn Farm, Sellen & McKenzie,	
Elburn.....	148 50

Albert Herman, Antioch.....	115 00	
L. A. Huebsch, Mundelein.....	157 00	
Henry J. Marten, Geneseo.....	59 00	
Preston I. Woods, Waterman.....	472 70	
S. F. Beetz, Mendota.....	338 25	
John W. Gallisath, West Brooklyn.....	15 25	
Charles A. Hummel, Dixon.....	62 25	
Thier Brothers, West Brooklyn.....	21 25	
Howard Lanam, Kingston.....	330 00	
Clarence Ackland, Compton.....	168 00	
Lee County Farm Bureau.....	210 00	
Illinois Seed Producers Association.....	4 375 00	
Mell Powell, Annawan.....	100 00	
Vernon Schnell, Franklin Grove.....	50 00	
Harry R. Cochran, Aurora.....	1 216 75	
Harry Schilling, Kankakee.....	250 00	
Ainsworth Seed Company, Mason City.....	250 00	
28. For Central Illinois Seed Increase and Distribution Fund.....	3 755 80	
Carl F. Frey, Gilman.....	\$ 25 75	
M. Ward Reynolds, Altona.....	15 50	
Funk Brothers Seed Company, Bloomington.....	920 50	
Reuel M. Tomlin, Capital Farm Seed, Springfield.....	20 50	
George E. Holder, Bloomington.....	101 00	
W. T. Schwenk, Edwards.....	500 00	
J. F. Ziegler, Dwight.....	130 00	
J. L. Trisler, Fairmount.....	1 107 80	
Philip Balzer, Liberty.....	3 00	
Louis H. Vollmer, Liberty.....	62 50	
Junior Dittmer, Carthage.....	110 00	
Roy A. Morton & Sons, Bowen.....	376 50	
Wilbur Pearce, Bowen.....	222 75	
Dowson Brothers, Auburn.....	100 00	
Leslie Simpson, Rochester.....	60 00	
29. Illinois Seed Producers Association, \$3,872.75 for corn research in the Department of Agronomy.....	3 872 75	
30. Illinois Farm Supply Company, \$2,000 to supplement the research budgets in Dairy Science, and in the swine, poultry, and animal nutrition divisions of the Depart- ment of Animal Science.....	2 000 00	
31. American Cyanamid Company, New York City, \$600 for research on the value of rock phosphate as a filler in complete fertilizers.....	600 00	
32. State Farm Fire Insurance Company, Bloomington, \$200 for an investigation of soybeans in yield losses sustained from hail storm damage.....	200 00	
33. Illinois Agricultural Association, \$600 for research on dairy marketing conditions in northwestern Illinois.....	600 00	
34. Tennessee Corporation, \$400 for the development of cop- per fungicides.....	400 00	
35. Midwest Barley Improvement Association, \$100 for the continuation of research on barley variety fertilizer tests in northern Illinois.....	100 00	
36. Owens-Illinois Glass Company, \$4,800 for fellowships in glass technology (Ceramic Engineering). (This is to cover a four-year period beginning in 1947.).....	4 800 00	
37. A. P. Green Fire Brick Company, Mexico, Missouri, \$2,000 for a fellowship in Ceramic Engineering during 1948-1949.....	2 000 00	
38. Olin Industries, Inc., East Alton, \$1,500 for a fellowship in the Department of Mining and Metallurgical Engi- neering during the academic year 1948-1949 for research in titanium metal.....	1 500 00	

39. Urbana-Champaign Sanitary District, Urbana, \$1,500 for hydrological studies of the Boneyard by the Department of Civil Engineering. . . . .	I 500 00
40. Standard Oil Company of Indiana, \$1,500 in support of a fellowship in civil engineering for two semesters beginning February 1, 1949. . . . .	I 500 00
41. Motorola Incorporated, Chicago, \$750 for the continuation during 1949-1950 of the Calvin Fellowship in Radio and Television Engineering Research. . . . .	750 00
42. The California Company, New Orleans, Louisiana, \$1,250 for the renewal of a fellowship in Geology for the academic year 1949-1950. The Company will also pay tuition up to a maximum of \$500 if the recipient is not receiving federal aid for military service. . . . .	I 250 00
43. Velsicol Corporation, Chicago, \$2,500 for the renewal of a fellowship in Zoology during the academic year 1949-1950. . . . .	2 500 00
44. VioBin Corporation, Monticello, \$500 for preliminary studies by the Department of Bacteriology of the value of wheat germ oil in developing resistance to disease. . . . .	500 00
45. General Mills, Inc., Minneapolis, Minnesota, \$1,500 for research in the Department of Physiology. . . . .	I 500 00
46. National Institute of Health, \$500 in support of research on "Mechanism of Action of the Trophic Hormones of the Pituitary Gland" . . . . .	500 00
47. Research Corporation, New York City, \$6,000 in support of research in chemistry on application of nuclear magnetic phenomena to the investigation of molecular structure and the nature of the solid state. . . . .	6 000 00
48. E. I. du Pont de Nemours & Company, Inc., Wilmington, Delaware, \$10,000 for research in chemistry during the academic year 1949-1950. . . . .	10 000 00
49. Standard Oil Company of Indiana, Chicago, \$3,000 for the renewal of a fellowship in chemistry and another in chemical engineering (\$1,500 each) for the academic year 1949-1950. . . . .	3 000 00
50. Socony-Vacuum Oil Company, New York City, \$2,000 for the renewal of a fellowship in chemistry for the academic year 1949-1950. . . . .	2 000 00
51. Firestone Tire and Rubber Company, Akron, Ohio, \$1,500 for the renewal of a fellowship in chemistry for the academic year 1948-1949. . . . .	I 500 00
52. Monsanto Chemical Company, St. Louis, Missouri, \$1,500 for the renewal of a fellowship in chemistry for the academic year 1949-1950. (Heretofore the amount of the grant was \$1,200, but it is now being increased to \$1,500 with the understanding that the \$300 may be used either for increasing the stipend of the fellowship or to help defray expenses incidental to the research program under the fellowship.) . . . . .	I 500 00
53. Pan-American Refining Corporation, New York City, \$1,265 for a fellowship in chemistry during the academic year 1949-1950. . . . .	I 265 00
54. General Aniline and Film Corporation, Easton, Pennsylvania, \$1,395.63 for the renewal of a research assistantship in chemistry for the academic year 1949-1950. . . . .	I 395 63
55. Olin Industries, Inc., East Alton, \$1,800 for renewal of a fellowship in chemistry during the academic year 1949-1950, \$1,500 to be used as a stipend and \$300 for the purchase of any required special chemicals or equipment. . . . .	I 800 00
56. The Upjohn Company, Kalamazoo, Michigan, \$1,461.60 for the renewal of a fellowship in chemistry for the academic year 1949-1950. . . . .	I 461 60

57. Eli Lilly and Company, Indianapolis, Indiana, \$3,045 in support of a fellowship in chemistry for research on insulin during the academic year 1948-1949, and \$3,600 for the academic year 1949-1950. ....	6 645 00
58. The Borden Company, Chicago, \$1,000 in support of a fellowship in chemistry for one year for the study of the mechanism of the reaction of aldehydes with ketones, and the character of the products obtained. ....	1 000 00
59. Minnesota Mining & Manufacturing Company, St. Paul, Minnesota, \$1,500 for the renewal of a fellowship in chemistry for the academic year 1949-1950. ....	1 500 00
60. Pittsburgh Consolidated Coal Co., Library, Pennsylvania, \$2,250 for the renewal of a fellowship in Chemical Engineering during the academic year 1949-1950. ....	2 250 00
61. Mr. Elwood Hansman, Chicago, \$700 in support of a research assistantship in the Department of Chemistry for research on coloring matter in rice. ....	700 00
62. Merrill Foundation for the Advancement of Financial Knowledge, Inc., New York, \$15,000 for a three-year study by the University of Illinois College of Commerce and Business Administration in cooperation with the National Opinion Research Center of the University of Chicago of the psychology that underlies decisions businessmen make and the effect of their attitudes on future business developments. An additional \$65,000 has been earmarked by the Merrill Foundation for this program when the preliminary study has been completed. ....	15 000 00
63. Zeta Phi Eta, National Professional Women's Organization, \$350 for a graduate scholarship in speech. ....	350 00
<i>Total, Graduate Fellowships, Scholarships, and Research. ....</i>	
<i>(100 149 13)</i>	
C. Gifts of Equipment and Works of Art:	
64. Faculty and graduates of the College of Engineering, a portrait of Dean-Emeritus M. L. Enger by Professor C. E. Bradbury of the Department of Art. ....	.....
65. Miss Edith Brooks, Washington, D.C., a portrait of her late father, Professor Morgan Brooks of the Department of Electrical Engineering. ....	.....
66. Vickers Incorporated, a hydraulic test stand for the testing of hydraulic servomechanism units for the Department of Electrical Engineering; estimated value. ....	2 250 00
67. Laclede-Christy Company, St. Louis, Missouri, to the Department of Ceramic Engineering, a 15 A Thermex high frequency di-electric heating unit with a capacity of 20,000 B.T.U. an hour; estimated value. ....	8 000 00
68. Dr. Jewell E. Schubert, Instructor in Mathematics, University of Illinois, \$25 as a memorial to Frances Brahana, to be used for the purchase of books in the field of philosophy. ....	25 00
<i>Total, Gifts of Equipment and Works of Art. ....</i>	
<i>(10 275 00)</i>	
D. Miscellaneous:	
69. Mr. George A. Miehl, President of Albert Kahn, Inc., Detroit, Michigan, \$500 to the Department of Architecture. ....	500 00
70. The Colonial Iron Works Company, Cleveland, Ohio, \$1,500 as an award for an original orchestral composition by a member of the faculty of the School of Music. The award has been made to Professor Alvin Etler. ....	1 500 00
<i>Total, Miscellaneous. ....</i>	
<i>(2 000 00)</i>	
<i>Total, Urbana-Champaign. ....</i>	
<i>(137 046 92)</i>	

## II. FOR THE CHICAGO AND GALESBURG UNDERGRADUATE DIVISIONS:

- |  |                   |
|--|-------------------|
| 71. Mr. Edward Lundgren, President of the Knox County Chapter No. 14, American War Dads, Inc., presented to the Organization for Disabled Students, a student organization of the Galesburg Division of the University of Illinois, \$1,084.50 for the purchase of ten Universal Model collapsible wheel chairs..... | 1 084 50          |
| 72. Estate of Arthur Woltersdorf, a collection of 580 volumes of architectural works (valued at \$3,000) for the Library of the Chicago Undergraduate Division at Navy Pier...   | 3 000 00          |
| <i>Total, Chicago and Galesburg Undergraduate Divisions..</i>  | <i>(4 084 50)</i> |

## III. FOR THE CHICAGO PROFESSIONAL COLLEGES:

## A. Funds Received from Private Industry, Foundations, Other Organizations and Government Agencies for Research and Graduate Study:

- |   |          |
|---|----------|
| 73. Abbott Laboratories, North Chicago:   |          |
| a. For research in the Department of Clinical Science...  | 2 120 00 |
| b. For research on the use of penicillin dust by inhalation in the treatment of upper respiratory infections.....   | 1 500 00 |
| c. For the continuation of studies on the psychomatic effects of antihistamines.....  | 1 500 00 |
| d. For research on "Gastrointestinal Hormones" in the Department of Clinical Science.....   | 500 00   |
| e. For research in the Department of Surgery on a study of the effect of penicillin and streptomycin in peritonitis as produced in animals; \$125 of this amount is in the form of penicillin.....  | 400 00   |
| 74. American Hospital Supply Corporation, \$1,500 for a study of the "Value of Ultra-Violet Irradiation of Blood and Plasma" in the Department of Medical Bacteriology  | 1 500 00 |
| 75. Bristol Laboratories, Inc., Syracuse, New York, \$3,600 for a fellowship in Pharmacology during the years 1948-1949 and 1949-1950, and \$1,650 in the Department of Pathology for the year 1949-1950.....   | 5 250 00 |
| 76. Hoffman-LaRoche, Inc., Nutley, New Jersey (with offices in Chicago), \$2,500 a year for two years beginning July 1, 1948, for a fellowship in the Department of Pharmacology (renewal).....   | 5 000 00 |
| 77. Hoffman-LaRoche, Inc., Nutley, New Jersey, \$900 to pay students for undergoing tests with new analgesic drugs by the Department of Pharmacology.....   | 900 00   |
| 78. LaRabida Jackson Park Sanitarium, Chicago, \$3,500 for research on rheumatic fever by the Departments of Medicine, Pathology, and Pediatrics.....   | 3 500 00 |
| 79. Mallinckrodt Chemical Works, St. Louis, Missouri, \$4,000 for research on alkyl carbonates and oxazolidinediones in the Department of Pharmacology during the year 1948..   | 4 000 00 |
| 80. Parke, Davis, and Company, Detroit, Michigan, \$5,000 for continuation of research on development and evaluation of anti-histamine and adrenergic blocking drugs in the Department of Pharmacology during the period of one year from July 1, 1948..... | 5 000 00 |
| 81. G. D. Searle and Company, Chicago:  |          |
| a. For studies of the incidence of colonic dyskinesia and its management with the hydrophilic colloid in patients with peptic ulcer in the Department of Clinical Science   | 2 500 00 |
| b. For "Preliminary Study of the Antacid Compounds" in the Department of Clinical Science.....  | 600 00   |
| c. To be applied toward the cost of a Collins Respirometer for the Allergy Clinic.....  | 300 00   |
| 82. Sharp and Dohme, Inc., Glenolden, Pennsylvania, \$1,500 for research on the method of controlling drugs in hospitals in the College of Pharmacy.....  | 1 500 00 |



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|---|-----------|
| 83. Smith, Kline, and French Laboratories, Philadelphia, Pennsylvania:  |           |
| a. For research in the Department of Pharmacology on the nature of muscular relaxation to be carried out with the aid of known and of newly synthesized drugs...  | 9 350 00  |
| b. For research on "Method for the Assay of Orexigenic and Anorexigenic Drugs in Rats" in the Department of Clinical Science.....   | 3 740 00  |
| c. For research on analgesia in the Department of Clinical Science.....   | 3 000 00  |
| d. For research on the effects of amines in experimental renal hypertension and other experimental hypertension-<br>s by the Department of Physiology.....  | 2 000 00  |
| 84. E. R. Squibb & Sons, New York City, \$4,000 for research on striated muscle relaxants in the Department of Pharmacology during the period of one year from May 1, 1949  | 4 000 00  |
| 85. Swift and Company, Chicago, \$3,500 for the renewal of a grant for research on amino acids in the Department of Surgery.....  | 3 500 00  |
| 86. The Toni Company, Chicago, \$7,300 for research on "Sulphydril Compounds in Cellular Respiration" by the Department of Clinical Science.....  | 7 300 00  |
| 87. VioBin Corporation, Monticello, \$1,000 for continuation of research on peptic ulcer and its prevention.....  | 1 000 00  |
| 88. The Wander Company, Chicago, \$1,500 for research in nutrition in the Department of Clinical Science.....   | 1 500 00  |
| 89. Wyeth Incorporated, Philadelphia, Pennsylvania, \$5,000 in support of research on the isolation of cholecystokin conducted during 1947.....   | 5 000 00  |
| 90. American Cancer Society, Inc., New York City:   |           |
| a. For the construction of the Illinois Division Cancer Exhibit for the Museum of Science and Industry by the College of Medicine.....  | 50 000 00 |
| b. For research in the field of cancer in the Department of Radiology.....  | 20 000 00 |
| 91. American College of Physicians, \$121.39 to be placed in a General Research Gift Fund, Department of Medicine, for general research purposes. This represents the balance of receipts from the Postgraduate Course in Endocrinology given by the American College of Physicians under the auspices of the University of Illinois College of Medicine..... | 121 39    |
| 92. American Medical Association, \$625 for a study of the effects of a Radium D. Applicator produced by the Canadian Radium and Uranium Corporation in the Department of Ophthalmology.....  | 625 00    |
| 93. American Foundation for High Blood Pressure, Cleveland, Ohio, \$5,000 for research on "Pathogenesis, Prophylaxis and Treatment of Experimental Renal Hypertension" by the Department of Physiology, College of Medicine.....  | 5 000 00  |
| 94. American Society of Heating and Ventilating Engineers' Research Laboratory, New York City, \$4,882 for research on physiological adjustments of human beings to rapid changes in environment (July 1, 1948, through June 30, 1949).....   | 4 882 00  |
| 95. Asthmatic Children's Aid of Chicago, \$10,000 in support of the Allergy Unit and Allergy Research Work.....   | 10 000 00 |
| 96. Chicago Heart Association, Chicago:   |           |
| a. For the study of "The Effects of Stress and Diet on Renal Hemodynamics" in the Department of Pharmacology.....   | 10 000 00 |
| b. In support of a project in the Illustration Studios.....   | 3 000 00  |

97.	Commonwealth Fund, \$500 for the study of nucleic acids in cells by the Department of Pathology.....	500 00
98.	Ladies Auxiliary of the Illinois Rural Letter Carriers' Association, \$39.50 to be added to the Cancer Research Fund at the College of Medicine.....	39 50
99.	Junior League of Chicago, Inc., \$13,000 in continued support of the Consultation Clinic for Epilepsy at the College of Medicine.....	13 000 00
100.	Josiah Macy, Jr. Foundation, \$18,000 in support of a study of carbohydrate metabolism and mental disease in the Departments of Psychiatry and Physiology during the period January 1, 1947, through July 30, 1949.....	18 000 00
101.	Lakeland Foundation:	
	a. For research in the Department of Clinical Science entitled, "Attempt to Isolate the Growth Stimulating and Inhibiting Agents from the Liver or Intestinal Mucosa".....	4 600 00
	b. For research to evaluate and develop Gruskin's diagnostic cancer antigen.....	4 600 00
102.	Life Insurance Medical Research Fund, \$500 for laboratory expenses in the Department of Physiology.....	500 00
103.	National Advisory Mental Health Council, United States Public Health Service, \$11,398 for training of students in clinical psychology.....	11 398 00
104.	National Committee for Mental Hygiene, Inc., \$500 to be added to the Scottish Rite Masonic Fund for research in dementia praecox in the Department of Psychiatry.....	500 00
105.	Drama Club of Evanston, \$650 for a fellowship in the Department of Orthopaedic Surgery.....	650 00
106.	National Foundation for Infantile Paralysis, Inc.:	
	a. For additional studies in electrical stimulation of muscles of poliomyelitis patients and electromyographic studies of poliomyelitis patients by the Department of Physical Medicine.....	4 695 00
	b. To be used by the Department of Physical Medicine for research on "Electrical stimulation of muscles of poliomyelitis patients; electromyographic studies of poliomyelitis patients".....	3 820 00
107.	National Institute of Health, \$4,200 for research in the Department of Pediatrics on "The Role of Amino Acid Metabolism in Leukemia".....	4 200 00
108.	The Nutrition Foundation, Inc., New York City, an additional \$3,000 for the year 1949, in support of "Studies on free amino acids in body fluids and tissues" by the Department of Biological Chemistry, College of Medicine.....	3 000 00
109.	Rockefeller Foundation, New York City, \$5,000 for teaching and research in legal medicine.....	5 000 00
110.	United States Public Health Service:	
	a. For research in the Department of Clinical Science on the concentration of enterogastron, a peptic ulcer study.....	10 000 00
	b. For research work to determine whether the resistance of the guinea pig to "butter yellow" hepatoma can be reduced by a liver damaging diet, in the Department of Clinical Science.....	5 000 00
	c. For the continuation of research on the isolation of cholecystokinin in the Department of Clinical Science.....	6 048 00
	d. For peptic ulcer studies, a search for a synthetic antagonist of histamine on gastric, in the Department of Clinical Science during the year beginning July 1, 1948.....	4 500 00
	e. For research in the Department of Ophthalmology on the "Effects of Betatron Radiation on the Eye".....	13 471 00

f. For research in the Department of Pediatrics on the role of amino acid metabolism in leukemia.....	4 200 00
g. For research on analysis of psychological data on schizophrenia in the Department of Psychiatry.....	7 326 00
h. To support a study of the "Effects of Betatron X-Ray Beam on Bone and Cartilage," in the Departments of Radiology and Pathology.....	15 000 00
i. Cancer Grant Division, for the project "Effects of Betatron X-Ray Beam on Central Nervous System," the research to be carried on jointly by the Departments of Radiology and Neurology and Neurological Surgery.....	11 275 00
j. For research on facial growth after removal of mandibular condyle, in the Department of Oral and Maxillofacial Surgery.....	2 943 00
k. For research on "Cephalometric X-Ray Study of the Growth of the Human Head from the 8th to the 15th Year" by the College of Dentistry.....	3 780 00
l. To continue research on histopathology of gingivae in systemic diseases.....	7 344 00
m. For morphology study of odontome or tumor formation in a known strain of rats in the Department of Histology.....	10 703 07
111. Junior Auxiliary of the Winnetka Women's Club, \$10 in memory of Mr. John P. Trecor, for cancer research in the Tumor Clinic.....	10 00
112. For deposit in the Occupational Therapy Gift Fund: Women's Auxiliary, Illinois Association of Chiropodists, \$10; Angeline Howard, \$30.....	40 00
113. Women's Auxiliary of the University (Chicago Professional Colleges), \$80 to be deposited in the Occupational Therapy Gift Fund.....	80 00
<i>Total, Funds from Private Industry, Foundations, Other Organizations and Government Agencies for Research and Graduate Study.....</i>	
(356 310 96)	
B. Funds Received from Individuals:	
114. Seven anonymous donors, \$2,950 to establish a trust fund, "Renal Research Trust," for investigations in renal research by the Departments of Pharmacology and Medicine.....	2 950 00
115. Anonymous donors:	
a. For postgraduate teaching in the Department of Surgery.....	1 000 00
b. For the "Dean's Fund" of the College of Medicine....	300 00
116. Dr. Albert H. Andrews, Jr., of the College of Medicine, \$9.00 for deposit in the account, "Miscellaneous Otolaryngology Fund—Lederer".....	9 00
117. The family of Dr. Ralph C. Berkelhamer, \$100 for the annual scholarship award known as the "Dr. Ralph C. Berkelhamer Scholarship".....	100 00
118. Mr. Philip S. Bloom, Chicago, \$3,900 in continued support of the Philip and May Bloom Allergy Research Fellowship.....	3 900 00
119. Mr. Joseph Danielowski, Chicago, \$250 to the Department of Otolaryngology.....	250 00
120. Dr. William B. Downs, \$25 for the Allergy Gift Fund of the College of Medicine.....	25 00
121. Mr. L. R. Gottschalk, Chicago, \$60 for research in nutrition.....	60 00
122. Dr. John J. Fahey, of the College of Medicine, \$530.75 for research in Orthopaedic Surgery (Chandler Research Fund).....	530 75
123. Mr. and Mrs. G. W. Higgins, in memory of Peggy Higgins, \$50 to the Pediatrics Gift Fund.....	50 00

124.	Mr. Angelo Inalandi, Chicago, \$150 to the Lloyd Somato Prosthesis Gift Fund.....	150 00
125.	Dr. Louis R. Krasno, Chicago, \$1,500 for research (as directed by Dr. A. C. Ivy).....	1 500 00
126.	Dr. Leo F. Miller, of the College of Medicine:	
a.	\$50 for the promotion of student interest in Orthopaedic Surgery.....	50 00
b.	\$100 to the Department of Orthopaedics for the fund, "Orthopaedic Research—Dr. Miller".....	100 00
127.	Mrs. Peter Miller, Chicago, \$14,000 for research in epilepsy by the Department of Psychiatry.....	14 000 00
128.	Anonymous Psychiatry Gift Fund:	
	Mr. Stanley Miskowicz, Harvey.....	50 00
	Mr. and Mrs. Otto E. Geppert.....	100 00
129.	Dr. Patrick and Bertha Mooney, Chicago, \$100 to be known as the "Patrick and Bertha Mooney Memorial Fund" and used for the assistance of worthy students. (The money is not to be considered a loan as the recipient is not required to pay it back, but is given the opportunity to contribute any amount he wishes to the fund.).....	100 00
130.	Dr. Francis L. Lederer of the College of Medicine, \$105 for research, "Miscellaneous Otolaryngology Fund—Lederer".....	105 00
131.	Mr. Frederick Nymeyer, South Holland, \$15 for deposit in the Cancer Fund, College of Medicine.....	15 00
132.	Dr. John I. Perl, Chicago, \$75 in support of experimental work on jejunostomy in the Department of Physiology..	75 00
133.	Dr. John J. Sheinin, Chicago, \$25 for research in the Tumor Clinic.....	25 00
134.	Mrs. Thomas I. Stacey, Chicago, \$100 for deposit in the Lloyd Somato Prosthesis Fund.....	100 00
135.	Dr. Frederick W. Stamps, Chicago, \$350 for the Dean's Fund, College of Medicine.....	350 00
136.	In memory of the late Dr. Charles Stotz, Chicago, \$50 for research in the Tumor Clinic.....	50 00
137.	Dr. Victor S. Yarros, La Jolla, California, \$300 in support of a scholarship in the name of his wife, Dr. Rachelle S. Yarros (a former member of the staff of the College of Medicine), in the College of Medicine.....	300 00
138.	Mr. Fred Zeller, Chicago, \$10 to be added to the Joseph Danielowski Gift Fund.....	10 00
	<i>Total, Funds Received from Individuals</i> .....	(26 254 75)
C.	Gifts of Equipment or of Funds for Equipment:	
139.	American Legion Auxiliary, Naval Unit No. 372, Chicago, \$48.03 for the purchase of one Colson Wheel Chair by the School of Nursing.....	48 03
140.	Asthmatic Children's Aid of Chicago, a Sanborn metabolator to the Allergy Clinic for the determination of vital capacity and maximum voluntary ventilating capacity of asthmatic patients.....	
141.	S. H. Camp Company, Jackson, Michigan, \$100 for purchase of films for the Departments of Obstetrics and Gynecology and Radiology.....	100 00
142.	Mr. Mal Clarke, in memory of Mr. Harry Grabiner, \$50 to be used by the Quine Library of the Chicago Professional Colleges for the purchase of books on the subject of cancer.....	50 00
143.	M & R Dietetic Laboratories Research Fund, Columbus, Ohio, \$1,000 for purchase of equipment in the Department of Pediatrics, College of Medicine.....	1 000 00
144.	Kappa Alpha Theta, an RCA television set to the girls' ward of the Illinois Surgical Institute for Children.....	

145.	Dr. John A. Lowe, \$50 to be added to the Pediatrics Gift Fund and used for the purchase of any equipment needed for the pediatric ward.....	50 00
146.	Dr. E. C. Wach, College of Dentistry, \$100 to be used by the Department of Physiology for the purchase of equipment useful in counting radioisotopes.....	100 00
147.	Women of the Rotary Club of Chicago:	
	a. A Motorola television set to the boys' ward of the Illinois Surgical Institute for Children.....	
	b. For the installation of dark room shades on the first floor of the Illinois Surgical Institute for Children....	138 30
148.	Co-leaders of Winnetka Girl Scout Troop 33, \$10 in memory of the father of one of their members, for the purchase of a suitable gift for the Illinois Surgical Institute for Children to be inscribed in his memory.....	10 00
149.	Anonymous, \$100 to the Department of Physiology for the electron microscope fund.....	100 00
150.	For deposit in the Orthopaedic Gift Fund for Children..	1 383 56
	Women in the Rotary Club of Chicago.....	\$984 00
	Ridge Service Guild.....	134 00
	Chicago Dental Assistants.....	41 00
	Beverly Hills Junior Woman's Club.....	25 00
	Kappa Alpha Theta.....	189 56
	Winnetka Girl Scout Troop.....	10 00
151.	Attending Staff of the Research and Educational Hospitals, a Du Mont television set to be placed in the House Staff Quarters.....	
	<i>Total, Gifts of Equipment or of Funds for Equipment...</i>	( 2 979 89)
	<i>Total, Chicago Professional Colleges.....</i>	(385 545 60)
	<i>GRAND TOTAL.....</i>	\$526 677 02