

MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

March 14, 1950



The annual meeting of the Board of Trustees of the University of Illinois was held at Hotel LaSalle, in Chicago, on Tuesday, March 14, 1950, according to the following schedule:

10:30 a.m. — Executive session as in Committee of the Whole.

2:00 p.m. — Open session.

The following members were present: President Williamson, Mr. Fornof, Mr. Herrick, Mrs. Holt, Dr. Meyer, Mr. Nickell, Mrs. Watkins.

President Stoddard was present; also Dr. A. C. Ivy, Vice-President in charge of the Chicago Professional Colleges, Professor C. R. Griffith, Provost, Mr. A. J. Janata, Assistant to the President, Mr. H. E. Cunningham, Secretary, Mr. Lloyd Morey, Comptroller, and, during part of the day, Mr. I. L. Porter, Treasurer, Mr. J. F. Wright, Director of Public Information, and Mr. Wilbur Schramm, Assitant to the President.

MR. KENNEY E. WILLIAMSON ELECTED PRESIDENT OF THE BOARD

On motion of Dr. Meyer, Mr. Fornof was made chairman for the election of the President of the Board.

Dr. Meyer nominated Mr. Kenney E. Williamson, of Peoria, for the office of President of the Board for the ensuing year.

On motion of Mr. Nickell, the nominations were closed, and the Secretary was instructed to cast the unanimous vote of the meeting for Mr. Williamson as President. The ballot was cast, and Mr. Williamson was declared elected President of the Board.

President Williamson took the chair and expressed his appreciation of the honor of his election.

MR. HARRISON E. CUNNINGHAM ELECTED SECRETARY

On nomination of Mr. Nickell and on motion of Mrs. Watkins, Mr. Harrison E. Cunningham, of Urbana, was elected Secretary of the Board for one year.

PROFESSOR LLOYD MOREY ELECTED COMPTROLLER

On nomination of Mr. Nickell, Professor Lloyd Morey, of Urbana, was elected Comptroller for one year.

EXECUTIVE COMMITTEE ELECTED

Dr. Meyer nominated Mr. Livingston, and Mr. Fornof nominated Mr. McLaughlin to serve, with the President of the Board as Chairman, as members of the Executive Committee for the ensuing year.

On motion of Dr. Meyer, the nominations were closed, and the Secretary was instructed to cast the unanimous vote of the meeting for Mr. Livingston and Mr. McLaughlin as members of the Executive Committee. The ballot was cast, and Mr. Livingston and Mr. McLaughlin were declared elected.

AUTHORITY TO RECEIVE MONEY

On motion of Mr. Nickell, the following resolution was adopted:

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

DELEGATION OF SIGNATURES

On motion of Dr. Meyer, the following resolution was adopted:

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

The President of the Board of Trustees is authorized to delegate to C. H. Pratt, to L. M. Dahlenburg, and to W. D. Green in Urbana, and to H. A. Hazleton, to G. H. Pontious, and to H. O. Albers in Chicago, to H. R. Kobes and to Mabel F. Meek in Springfield, authority to sign his name as President of the Board of Trustees to vouchers against the State Auditor; and to C. C. DeLong, to H. F. Thornes, and to R. W. Zimmer in Urbana, and to H. A. Hazleton, to G. H. Pontious, and to H. O. Albers in Chicago, authority to sign his name to warrants on the University Treasurer covering vouchers approved in accordance with regulations approved by the Board.

The Secretary of the Board of Trustees is authorized to delegate to Maude Archdeacon and to Helen L. Smith in Urbana, and to G. R. Moon, to Ethel Engeljohn, to Helen Wyle, and to Velma M. Davis in Chicago, authority to sign his name as Secretary of the Board of Trustees to vouchers against the State Auditor and to warrants on the University Treasurer, covering vouchers approved in accordance with regulations of the Board. The Secretary of the Board of Trustees is authorized to delegate to Mrs. Freda M. Hicks and to Lean C. Ryan in Springfield, authority to sign his name as Secretary of the Board of Trustees on vouchers against the State Auditor approved in accordance with the regulations of the Board. And be it further

RESOLVED, that the First National Bank of Chicago as a designated depository of Irvin L. Porter, Treasurer of this corporation, be and it (including its correspondent banks) is hereby requested, authorized, and directed to honor checks, drafts, or other orders for the payment of money drawn in this corporation's name, including those drawn to the individual order of any person or persons whose name or names appear thereon as signer or signers thereof, when bearing or purporting to bear the facsimile signatures of the two following: Kenney E. Williamson, President, and Harrison E. Cunningham, Secretary; and the First National Bank of Chicago (including its correspondent banks) shall be entitled to honor and to charge this corporation for all such checks, drafts, or other orders, regardless of by whom or by what means the facsimile signature or signatures thereon may have been affixed thereto, if such facsimile signature or signatures resemble the facsimile specimens duly certified to or filed with the First National Bank of Chicago by the Secretary or other officer of this corporation. And be it further

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

EXECUTIVE SESSION

MATTERS PRESENTED BY PRESIDENT STODDARD

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

APPOINTMENT OF HEAD OF DEPARTMENT OF HOME ECONOMICS

(1) The Dean of the College of Agriculture recommends the appointment of Dr. Janice M. Smith, who has been serving as Acting Head of the Department of Home Economics, to the position of Professor of Nutrition and Head of the Department of Home Economics on indefinite tenure, effective April 1, 1950, at a salary of \$9,000 a year on a twelve months (Y) service basis.

I concur in this recommendation.

On motion of Mrs. Holt, seconded by Mrs. Watkins, this appointment was made as recommended.

FEDERAL FUNDS FOR ADVANCED PLANNING

(2) On January 12, 1950 (Minutes, page 971), the Board of Trustees authorized the Comptroller to submit an application to the General Services Administration of the federal government for a non-interest bearing loan of funds for advanced planning for the following buildings in the order of priority:

<i>Building</i>	<i>Building Cost</i>	<i>Plan and Specification Cost</i>
Biology Building	\$ 5 000 000	\$225 000
Pharmacy Building	5 500 000	247 500
Student and Staff Housing	3 000 000	135 000
Law Building	2 300 000	103 500
Psycho-Educational Clinic	1 800 000	81 000
Physics Building Addition	1 200 000	54 000
	<u>\$18 800 000</u>	<u>\$846 000</u>

The total of \$846,000 would provide for the cost of planning, including the preparation of detailed working drawings.

The application has been submitted, and there have been further discussions with representatives of the federal government. The total sum allotted to the state of Illinois to date is only \$1,071,000, and applications have been received for more than twice this amount. It is impossible to allocate to the University of Illinois a sum adequate to complete even the plans for the Biology Building.

A plan has been suggested by the General Services Administration wherein the University would receive funds to complete preliminary plans for the Biology Building and for further plans for the Pharmacy Building. The cost of preliminary plans would be approximately \$150,000-\$175,000 for the two buildings. To receive these funds the University must agree (a) to request the legislature for appropriations for 1951-1953 to construct the buildings and (b) if such appropriations are not received at least in sufficient amount to complete the plans, either to refund the amounts advanced by the federal government or to appropriate from its general funds sufficient funds to complete the plans.

It will be advantageous to complete now the preliminary work on the plans for these buildings so that detailed plans and construction may proceed expeditiously when an appropriation is received. The two buildings involved are in the highest priority of future buildings at the University.

This proposal has been reviewed and approved by the Chairman of the Building Program Committee, the Consulting Architect, the University Architect, and the Comptroller.

I concur and request that the Comptroller be authorized to complete necessary documents to secure the funds from the federal government for preliminary planning for the Biology Building and the Pharmacy Building, including the agreements outlined above.

The Comptroller commented on this matter.

On motion of Mr. Nickell, this recommendation was adopted.

LICENSE OF PRODUCTS OF STREPTOMYCIN

(3) The University is the assignee of an application by Professor Herbert E. Carter of the Department of Chemistry for a patent of processes relating to the degradation products of streptomycin known as streptidine and streptomine. This discovery was the result of research work on antibiotic substances sponsored by the Abbott Laboratories, Eli Lilly and Company, Parke, Davis, and Company, and the Upjohn Company. The discovery was released by the Board of Trustees to Professor Carter on May 29, 1946, assigned by him to Parke, Davis, and Company, and subsequently reassigned by that company to Professor Carter and by him to the University. It was the sponsor's (i.e., Parke, Davis, and Company) wish that the University hold title to any patents secured in the course of research work to avoid any anti-trust suits. The sponsors agreed to pay all costs of securing a patent and, in the event of any law suits, to pay the cost of such litigation. The agreement with Parke, Davis, and Company and the other three sponsors of the research work on antibiotic substances includes a provision that the University shall grant royalty-free, non-exclusive licenses under any patent which may ultimately issue, to Parke, Davis, and Company, Eli Lilly and Company, the Upjohn Company, and the Abbott Laboratories.

In Professor Carter's judgment the patent has no apparent value. It was applied for originally before the chemistry of streptomycin had been elucidated with the idea that simpler derivatives might prove to be of some use clinically. So far no degradation products of streptomycin and no related compounds have shown antibacterial activity. It seems, therefore, very unlikely that the patent, when and if issued, would have any financial value.

Moreover, Merck and Company, Inc., and E. R. Squibb and Sons are assignees of applications for patents in the same field which has created a case of interference. It is possible that Merck and Company, Inc., can obtain the entire patent, since publication dates indicate that their researches were two or three months ahead of Professor Carter's.

It has been proposed by the counsel for Parke, Davis, and Company that this

be resolved by a settlement agreement under which Merck and Company, Inc., E. R. Squibb and Sons, Parke, Davis, and Company, Eli Lilly and Company, the Upjohn Company, and the Abbott Laboratories would each receive a royalty-free, non-exclusive license with the further provision that Merck and Company, Inc., and E. R. Squibb and Sons would each be given the right to grant three royalty-free sub-licenses.

This proposed solution is part of patent agreement among pharmaceutical manufacturers to broaden the availability to the public of the important antibiotic substances. The Dean of the Graduate College and Chairman of the University Research Board is convinced that the public interest will be well served if the Board of Trustees of the University of Illinois enters into such an agreement. The Legal Counsel concurs in this opinion.

I therefore recommend that the Board of Trustees enter into the settlement agreement herein proposed.

On motion of Mrs. Watkins, this agreement was authorized.

EXCHANGE OF LAND WITH MEDICAL CENTER COMMISSION

(4) The Medical Center Commission has suggested an exchange of the property owned by them located at 718 South Hermitage Avenue, Chicago, for property owned by the University of Illinois located at 1745 West Flournoy Street, Chicago.

The property at 1745 West Flournoy Street was purchased in 1922 and has an area of approximately 1,345 square feet. The University has sold the property north of the Union Building to the Cook County Graduate School, and as a result, owns no property contiguous to 1745 West Flournoy Street.

The property owned by the Medical Center Commission at 718 South Hermitage Avenue consists of approximately 3,100 square feet and is adjacent to property now owned by the University of Illinois.

The proposed transfer results in a unification of University property and increases the area owned by the University. Vice-President Ivy, Director Havens, and Comptroller Morey recommend that the transfer be approved.

I concur and request the Board to adopt the attached resolution (see Appendix, page 1061).

Dr. Ivy commented on this matter.

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

APRIL MEETING IN SPRINGFIELD

At this point, President Williamson announced that he had received an invitation from Governor Stevenson to hold the next meeting of the Board at the Executive Mansion, in Springfield, on Wednesday, April 19, 1950.

On motion of Mr. Fornof, this invitation was accepted, with appreciation.

RECESS FOR LUNCHEON

At this point, the Board recessed for luncheon. Present as guests of the Board were: Mr. Herbert B. Megran, President of the University of Illinois Foundation, Mr. Fred H. Ebersold, President of the Alumni Association, Mr. William H. Butterfield, Manager of the Foundation, Mr. James C. Colvin, Secretary of the Foundation, and Professor Robert G. Kesel, of the College of Dentistry.

After luncheon, Dr. Kesel reported on the status of his work on the eradication of dental caries.

OPEN SESSION

**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. MRS. EVELYN M. BROWN, Assistant Professor of Nursing Education, beginning February 1, 1950, without salary.

2. E. ELIZABETH GEIGER, Assistant Professor of Nursing Education, beginning February 1, 1950, without salary.

3. HENRY GLUPKER, Associate Professor of Full and Removable Partial Dentures, beginning March 1, 1950, at an annual salary of \$2,500.

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.

REPORT ON THE BETATRON

(1) A report on the placing in commission of the new Betatron.

Dr. Ivy commented on this matter.

This report was received for record.

AWARD OF CERTIFICATES OF CERTIFIED PUBLIC ACCOUNTANT

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

CLARENCE BERNARD KNOBBE (Iowa)

STANLEY EDGAR SHIRK (N.Y.)

GEORGE ENOCH MILLER (Mo.)

ARNOLD REUBEN TERNUST (Calif.)

EDWIN CROWN NELSON (Calif.)

PHILO RALPH ZIMMERMAN (Wash.)

ROBERT POWER NELSON (Ohio)

HARRY MARSHALL HOUSE (Mo.)

WILLIAM LOUIS RABY (Nebr.)

I concur.

On motion of Mr. Herrick, these certificates were awarded as recommended.

**APPOINTMENTS TO THE BOARD OF DIRECTORS OF THE
ATHLETIC ASSOCIATION**

(3) I submit the following nominations for reappointments, and one new appointment, to the Board of Directors of the University of Illinois Athletic Association to become effective March 14, 1950, and continuing until the annual meeting of the Board of Trustees in 1951.

Faculty

CHARLES W. SANFORD, Professor of Education and Coordinator of Teacher Education; Associate Dean of the College of Education

PAUL N. LANDIS, Professor of English and Acting Head of the Department

ROBERT G. BONE, Associate Professor of History, Director of the Division of General Studies, and Director of the Division of Special Services for War Veterans

LESLIE A. BRYAN, Professor of Management and Director of the Institute of Aviation (*new appointment*)

Alumni Association

MILTON M. OLANDER, Class of 1922, Manager of Industrial Relations, Owens-Illinois Glass Company, Toledo, Ohio

LAWRENCE A. PETERSON, Class of 1931, Realtor (L. A. Peterson and Company),
1305 Chicago Avenue, Evanston, Illinois

HARRY E. SCHLENZ, Class of 1927, Vice-President of the Pacific Flush Tank
Company, 4241 Ravenswood Avenue, Chicago

Director Bryan replaces Professor Frank H. Beach of the Department of
Business Organization and Operation who has been on the Board of Directors
since March, 1946. All the others are reappointments.

On motion of Mr. Fornof, these directors were appointed as recom-
mended.

SABBATICAL LEAVES OF ABSENCE, 1950-1951

(4) I recommend that the following members of the staff be given sabbatical
leaves of absence during the academic year 1950-1951 in accordance with the pro-
visions of the University of Illinois Statutes and on the terms and for the pe-
riods indicated.

The programs of research, study, and travel for which these leaves are re-
quested have been examined by the University Research Board which advises the
President in such matters. The Research Board's report to the President includes
an evaluation of the program in terms of benefits to the University and to the
individual.

Leaves of Absence for the Full Academic Year on One-Half Pay

WILLIAM F. ATCHISON, Assistant Professor of Mathematics

ALDEN D. CUTSHALL, Associate Professor of Social Sciences, Chicago Under-
graduate Division

SIDNEY M. DANCOFF, Professor of Physics

ALAN K. LAING, Professor of Architecture

ROSE B. PHELPS, Associate Professor of Library Science

CHESTER G. STARR, Associate Professor of History, with the option of changing
to leave for the first semester on full pay (Professor Starr has applied for a
Guggenheim fellowship. If he is not awarded the fellowship, he desires leave
for the first semester on full pay.)

CLARETA WALKER, Assistant Professor of Home Economics

Leaves of Absence for One-Half Year on Full Pay

HARRY W. ANDERSON, Professor of Plant Pathology, second semester

HAROLD E. BABBITT, Professor of Sanitary Engineering, first semester

JOHN F. BELL, Professor of Economics, second semester

CHARLES E. BRADBURY, Professor of Art, second semester

PAUL D. CONVERSE, Professor of Marketing (Department of Business Organiza-
tion and Operation) and Research Professor of Marketing (Bureau of Eco-
nomic and Business Research), second semester

CHRISTOPHER U. FAYE, Bibliographic Consultant and Cataloger in the Library,
with rank of Assistant Professor, first semester

RALPH C. HAY, Associate Professor of Soil Conservation (Department of Agri-
cultural Engineering) and Executive Secretary, State Soil Conservation
Districts Board, six months from January 1, 1951

HAROLD N. HAYWARD, Associate Professor of Electrical Engineering, first se-
mester

MIMI I. JEHL, Assistant Professor of German, first semester

JOHN P. MCCOLLUM, Associate Professor of Vegetable Crops, second semester

JOHN L. PAGE, Associate Professor of Geography, first semester

B. OTHANEL SMITH, Professor of Education, first semester

RUSSELL N. SULLIVAN, Professor of Law, first semester

LYELL J. THOMAS, Professor of Zoology, second semester

ERNEST D. WALKER, Extension Soil Conservationist and Associate Professor of
Agronomy, six months from March 1, 1951

HERBERT WOODROW, Professor of Psychology and Head of Department, first
semester

Leave of Absence for One-Half Year on One-Half Pay

MAX H. FISCH, Professor of Philosophy, first semester, with additional leave for
second semester without pay

The total number of leaves recommended is twenty-four; twenty-nine were approved for the year 1949-1950.

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

RELEASE OF FUNDS FOR BUILDINGS AND OTHER CAPITAL IMPROVEMENTS

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

Release No. 19

"For Permanent Improvements at Chicago Construction of Addition to Present Hospital.....\$ 103 613"

This is a partial release from an appropriation of \$7,395,000. The Governor has previously released (Releases No. 8, 15, and 17) \$6,176,895.18 from this appropriation. The funds now released are for the purchase and installation of X-ray equipment, as authorized by the Board on February 16, 1950.

Release No. 20

"For Permanent Improvements at Urbana-Champaign Construction of Veterinary Science Unit.....\$1 270 000"

This is a partial release from an appropriation of \$1,560,000. The Governor has previously released (Release No. 7) \$40,000 for architectural and engineering services on the Veterinary Science Building. The funds now released are for the construction of the Veterinary Science Building, contracts for which were authorized by the Board on February 16, 1950.

Release No. 21

"For Contingencies to Cover Expenditures for Purposes for which the Amount Appropriated in any Item Above Enumerated is, or becomes, Insufficient.....\$ 97 790"

This is a partial release (the third) from an appropriation of \$550,000. It will supplement the appropriation for "Construction of Utility Distribution System and Remodeling of Existing Buildings" and will be used for the remodeling of the Department of Biological Chemistry in the Medical and Dental College Laboratories Building.

Release No. 22

"For Contingencies to Cover Expenditures for Purposes for which the Amount Appropriated in any Item Above Enumerated is, or becomes, Insufficient.....\$ 2 210"

This is a partial release (the fourth) from an appropriation of \$550,000. It is to supplement the appropriation for "Equipment for buildings at Urbana-Champaign and Chicago" and is to be used for movable equipment for the Department of Biological Chemistry in the College of Medicine.

I recommend that these funds be appropriated for the purposes indicated.

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

SPECIAL APPROPRIATIONS FOR NONRECURRING EXPENDITURES

(6) The Committee on Nonrecurring Appropriations recommends assignments from the General Reserve Fund for the following purposes:

1. Collections of books and periodicals for the University Library.....\$20 782
2. Publication of College of Fine and Applied Arts Bulletin..... 4 250
3. Speech and Hearing Clinic equipment for the College of Liberal Arts and Sciences 3 231

4. Purchase of microscopes for the College of Pharmacy.....	8 250
5. Fixed equipment for the Sanitary Engineering Laboratory of the College of Engineering.....	4 000
6. Remodeling of 265 Electrical Engineering Building to house network analyzer	3 500
7. Building improvements at Dixon Springs Experiment Station.....	16 000
8. Replacement of cars for College of Agriculture.....	15 000
9. Remodeling of building on McCullough Farm for Veterinary Research	5 000
10. Forest plantation on McCullough Farm.....	3 500
11. Storage building for volatile liquids for Business Office (Purchasing Division).....	9 575
12. Remodeling of quarters for Office of Nonacademic Personnel.....	2 550
<i>Total</i>	\$95 638

I concur.

These proposed improvements have been carefully studied by the Committee on Nonrecurring Appropriations. Its reports giving details of the reasons for these improvements are submitted herewith.

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

CONTRACT FOR PAVING OF TERRACES AT LINCOLN AVENUE RESIDENCE

(7) The Director of the Physical Plant and the Comptroller recommend award of a contract for \$12,254 to C. A. Petry and Sons, Champaign, the lowest bidder, for the construction of paved terraces on either side of the front entrance to the Lincoln Avenue Residence. This is a part of the original plans for the building but was not included in previous construction contracts. Funds are available.

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

On motion of Mr. Fornof, this contract was authorized as recommended.

CONTRACT FOR CLEANING AND TUCK POINTING WALLS OF CHICAGO PROFESSIONAL COLLEGES BUILDINGS

(8) The Director of the Physical Plant and the Comptroller recommend award of a contract for \$7,395 to Herman E. Iverson, Chicago, the lowest bidder, for cleaning and tuck pointing the exterior walls of the Medical, Dental, Orthopaedic, and the Illini Union Buildings of the Chicago Professional Colleges. This is necessary maintenance work to keep the buildings in good condition. Funds are available in the Physical Plant Department budget.

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

On motion of Mrs. Holt, authority was given as recommended.

CONTRACTS FOR ALTERATIONS IN UTILITIES DISTRIBUTION SYSTEM AT THE CHICAGO PROFESSIONAL COLLEGES

(9) The Director of the Physical Plant and the Comptroller recommend award of contracts for alterations in the utilities distribution system at the Chicago Professional Colleges as follows:

E. P. Allison and Company, Chicago.....	\$5 600
For alterations in electrical supply lines to the Illinois Surgical Institute, or Orthopaedic Building, of the Research and Educational Hospitals. The work will include replacement of present lines due to overload; a new combination power and light distribution center; conversion of	

two risers from single to three phase; and installation of new circuit breaker type cutout cabinets.

B-H Electric Company, Chicago..... 6 497

For alterations in electrical supply lines to the Research Laboratory and Library Unit of the Medical and Dental College Laboratories Building. The work will include installation of new three-phase, four-wire service feeder line of sufficient capacity to service general light and power loads; installation of new service and distribution panel; replacement of existing three-wire riser with four-wire riser; and replacement of six panels with three-phase four-wire circuit breaker type panels. These alterations are necessary to eliminate the existing overload.

Both companies are the low bidders on these installations.

I recommend that the Comptroller and the Secretary of the Board be authorized to execute these contracts when funds have been released by the Governor from the State appropriation for "Construction of Utility Distribution System and Remodeling of Existing Buildings" ("Permanent Improvements at Chicago").

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

CHANGES IN CONTRACTS FOR CONSTRUCTION OF RESEARCH AND EDUCATIONAL HOSPITALS ADDITION

(10) The Director of the Physical Plant and the Comptroller recommend the following additions to contracts for the construction of the addition to the Research and Educational Hospitals. These changes are to provide for the relocation of the Manufacturing Pharmacy. Construction of the new addition will require wrecking of space now occupied by the Manufacturing Pharmacy.

General work — Patrick Warren Construction Company, Chicago.....\$1 243 00

Plumbing — Economy Plumbing and Heating Company, Chicago..... 7 778 47

This work will be performed on a labor and materials basis not to exceed an estimated \$6,321.39, plus fees of 15 per cent for overhead and 7 per cent for profit, total estimated cost \$7,778.47; overhead, profit, and insurance will be adjusted on the basis of the final cost of labor and materials.

Heating and ventilating — Bloomer Heating and Ventilating Co.,

Chicago..... 2 146 00

Funds are available in the State appropriation for the construction of the addition to the Research and Educational Hospitals for these changes.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute these change orders.

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

ADDITION TO GENERAL CONTRACT FOR CONSTRUCTION OF STUDENT AND STAFF APARTMENTS

(11) On February 16, 1950 (Minutes, page 997), the Board of Trustees approved an increase in the general contract for the construction of the original buildings of the Student and Staff Apartments to provide for replacement of tracks on all wardrobe sliding doors, which have been found unsatisfactory, with new tracks, rollers, and door guides of the overhead installation type. A similar change is recommended in the specifications for installations of wardrobe doors in the second six-story building now under construction.

The Director of the Physical Plant and the Comptroller recommend an increase of \$2,432 in the general work contract with Kuhne-Simmons Company, Inc., to provide for this change. Funds are available. I concur and recommend that the Comptroller be authorized to execute this addition to the contract.

On motion of Mrs. Holt, authority was given as recommended.

COMPTROLLER'S REPORT OF CONTRACTS

(12) The Comptroller's report of contracts and leases executed and adjustments made from January 11 to February 28, 1950 (see Appendix, page 1062).

This report was received for record.

PURCHASES RECOMMENDED

(13) 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 the lowest bid (see Appendix, page 1063).

I concur.

On motion of Mr. Fornof, these purchases were authorized as recommended.

REPORT OF EMERGENCY PURCHASES OF COAL

(14) As a result of the coal strike, on October 25, 1949, the Board of Trustees authorized the President of the Board and the Comptroller to approve emergency purchases of coal at the best price obtainable by the Director of Purchases. Following is a report of such purchases made since the last Board meeting on February 16, 1950:

<i>Urbana-Champaign</i>	<i>Price</i>		
Taylor-English Coal Co., Danville	(<i>f.o.b.</i>		
One car per day (600 tons) 1/4 x 1/4" re-	<i>mine)</i>	<i>Freight</i>	<i>Total</i>
screened screenings			
Per ton.....	\$ 4 60	\$ 99	\$ 5 59
Total.....	2 760 00	594 00	3 354 00
Capitol Coal Co., St. Louis, Missouri			
Ten cars (500 tons) 1/2 x 28" mixed washed			
screenings and 1/2 x 0" raw screenings			
Per ton.....	6 00	2 70	8 70
Total.....	3 000 00	1 350 00	4 350 00
Haddaway Coal Co., St. Louis, Missouri			
150 cars (7,500 tons) 1 1/2" screenings to be			
shipped one car per day 3/1-8/31/50			
Per ton.....	3 60	2 64	6 24
Total.....	27 000 00	19 800 00	46 800 00
<i>Total</i>	<i>\$32 760 00</i>	<i>\$21 744 00</i>	<i>\$54 504 00</i>

SUMMARY OF EMERGENCY COAL PURCHASED

OCTOBER 24, 1949, TO MARCH 1, 1950

Total Purchases.....	22264.28 Tons	\$142 851 24
Average Cost Per Ton.....	\$6.416	
Contract Price.....	4.99	
Excess Over Contract Price Per Ton..	\$1.426	
Total Excess.....		\$31 748 86

The Provost and the Comptroller commented on this matter.

President Williamson expressed the appreciation of the Board for the excellent work of the Provost and other officers in the emergency.

CONTRACT FOR POWER PLANT ADDITION

(15) The Director of the Physical Plant and the Comptroller recommend award of a contract for \$114,665 to Kuhne-Simmons Company, Inc., Champaign, the lowest bidder, for construction of the addition to the Abbott Power Plant. This contract will cover the superstructure and erection of structural steel (which has been purchased separately) for an additional turbine room. Funds are available in the State appropriation for 1949-1951 for "Additions to Power and Heating Plant and Remodeling of Existing Buildings" ("For Permanent Improvements at Urbana-Champaign").

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute this contract subject to the release of funds by the Governor.

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

FRANK HENDERSON SIMPSON

Mr. Fornof presented the following:

The Honorable Frank Henderson Simpson was born in Vincennes, Indiana, December 6, 1870, and died in Flora, Illinois, March 3, 1950.

Educated in the public schools of Washington, D.C., Mr. Simpson engaged in fruit growing in Illinois in 1890. He organized the F. H. Simpson Company in 1913, which became a large business in wholesale fruit marketing and distribution. He was active in banking and financial circles in Flora, Illinois, and was chairman of the Republican County Central Committee from 1922 to 1930. He was a member and past president of the International Apple Association, a member of the Presbyterian Church, and a thirty-second degree Mason.

Mr. Simpson was appointed by Governor Len Small in November, 1928, to fill a vacancy on the Board of Trustees. He served with distinction until March, 1931. He was chairman of the Committee on Engineering, and member of the committees on agriculture, buildings and grounds, finance, and physical education. His interest, his wisdom, and his integrity made him a valuable member of the Board. He was elected to serve from January to March, 1931, as President *pro tempore* of the Board during the absence from the State of President Barr. He was noted for his loyalty and his charming and friendly personality.

Mr. Simpson is survived by his widow, a daughter (Mrs. Doris S. Holt, a member of the present Board of Trustees), a granddaughter, and a great-grandson. The sympathy of the Board goes out to them in their sorrow.

On motion of Mr. Fornof, this memorial was adopted and the Secretary was directed to send a copy to Mr. Simpson's family.

Mrs. Holt expressed her great appreciation of the flowers sent by the Board and of this memorial.

TESTIMONIAL TO ROGER ADAMS

On request of President Williamson, the Secretary read the following:

THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS
TO ROGER ADAMS
GREETINGS AND CONGRATULATIONS!

Your election to the Presidency of the American Association for the Advancement of Science is a merited recognition of your eminent scientific attainments and of your services to the nation in two wars and in peace.

In giving you this token of its great appreciation, the Board of Trustees extends to you all good wishes for a fruitful and happy future.

KENNEY E. WILLIAMSON
President of the Board of Trustees

GEORGE D. STODDARD
President of the University

HARRISON E. CUNNINGHAM
Secretary of the Board

[Seal]

APPOINTMENT OF FACULTY REPRESENTATIVE TO CONFERENCE

President Stoddard reported the appointment of Dean Robert B. Browne as faculty representative in the Intercollegiate Conference of Faculty Representatives.

SECRETARY'S REPORTS

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

1. Appointments made by the President of the University (page 1053).
2. Graduate fellows (page 1055).
3. Resignations and cancellations (page 1055).
4. Leaves of absence (page 1056).
5. Salary adjustments, College of Agriculture (page 1056).

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.)

- BAUMANN, EDWARD R., Special Research Associate, Civil Engineering (S), seven months beginning February 1, 1950, \$5000 a year, supersedes (3-8-50).
- BETTS, JANE B., Assistant, Art, February 1-June 15, 1950, \$1200, supersedes (3-2-50).
- BIXENSTINE, VERTUS E., Personnel Technician, Student Counseling Bureau, February 8-August 31, 1950, \$2800 a year (2-23-50).
- BLOSS, FRED D., Instructor, Physical Sciences (Undergraduate Division in Chicago) ($\frac{1}{3}$), five months beginning February 1, 1950, to render service during the second semester of the academic year, \$110 a month (3-2-50).
- BROWN, EDWARD L., Special Research Assistant, Psychology (Graduate College), February 15-June 30, 1950, \$350 a month, supersedes (2-17-50).
- BROWN, MRS. EVELYN M., Assistant Professor of Nursing Education, Associate Director in Charge of Nursing Education, in the University of Illinois-Cook County School of Nursing, seven months beginning February 1, 1950, without salary (2-16-50).
- BROWN, JAMES G., Clinical Assistant, Obstetrics and Gynecology (Medicine), six months beginning January 1, 1950, without salary (2-23-50).
- BURSTONE, MARVIN S., Research Associate, Oral Pathology (Dentistry), one year beginning July 1, 1950, \$5000 (3-8-50).
- BUSER, JULIAN W., Clinical Assistant, Medicine (Medicine), seven months beginning February 1, 1950, without salary (3-1-50).
- CROSS, JAMES H., Clinical Assistant, Surgery (Medicine), seven months beginning February 1, 1950, without salary (3-2-50).
- DOTSON, MRS. FRANCES S., Research Assistant, Mechanical Engineering (C) ($\frac{55}{100}$), Bureau of Economic and Business Research ($\frac{45}{100}$), seven months beginning February 1, 1950, \$3000 a year, supersedes (3-1-50).
- DOTY, PAUL C., Special Research Assistant, Soil Fertility (Agronomy) (S), February 15-August 31, 1950, \$3400 a year, supersedes (3-1-50).
- DRAWVER, PAULINE, Assistant, English, February 1-June 15, 1950, \$1250 (2-23-50).
- EVERSON, TILDEN C., Instructor, Surgery (Medicine) ($\frac{1}{2}$), three months beginning January 1, 1950, \$216.66 a month, supersedes (3-8-50).
- FAIRBANKS, GRANT, Professor, Speech, indefinite tenure beginning June 1, 1950, \$10,000 a year, supersedes (3-8-50).
- FARLEY, DEANE M., Clinical Assistant, Obstetrics and Gynecology (Medicine), six months beginning January 1, 1950, without salary (2-23-50).
- GAFFRON, MARIE E., Instructor, Education ($\frac{1}{2}$), five months beginning February 1, 1950, to render service during the second semester of the academic year, \$200 a month (2-17-50).
- GEIGER, E. ELIZABETH, Assistant Professor of Nursing Education, Director of the University of Illinois-Cook County School of Nursing, seven months beginning February 1, 1950, without salary (2-16-50).
- GLUPKER, HENRY, Associate Professor, Full and Removable Partial Dentures (Dentistry), and Division of Services for Crippled Children ($\frac{1}{4}$), six months beginning March 1, 1950, \$2500 a year (3-8-50).
- GRIM, R. E., Research Professor, Geology, indefinite tenure beginning September 1, 1950, to render service during each academic year, \$8500 a year (2-21-50).
- HAUG, ELSIE, Instructor, Psychiatry (Medicine) ($\frac{1}{4}$), eight months beginning January 1, 1950, \$1500 a year, supersedes (3-1-50).
- HODGE, GEORGE M., JR., Assistant, Architecture, February 1-June 15, 1950, \$266.66 a month, supersedes (3-8-50).
- HOGG, MALCOLM W., Assistant Professor, Economics, two years beginning September 1, 1951, to render service during each academic year, \$5000 a year (3-3-50).
- HOROWITZ, RACHEL L., Research Assistant, Physiology (Medicine), February 7-September 14, 1950, \$2700 a year (3-2-50).

- KELL, W. G., Instructor, Accountancy (Business Organization and Operation) ($\frac{3}{4}$), six months beginning March 1, 1950, to render service during the academic year, \$1275, supersedes (3-8-50).
- KERR, DOUGLAS W., Research Assistant Professor, Applied Materia Medica and Therapeutics (Dentistry), ten months beginning September 1, 1949, \$8000 a year, supersedes (3-8-50).
- KNOCK, FRANCES E., Research Associate, Pharmacology (Medicine), January 15-August 31, 1950, \$6000 a year, supersedes (3-2-50).
- KONECNY, ANTHONY R., Assistant, Mechanical Engineering (C), February 1-June 15, 1950, \$288.89 a month (2-27-50).
- LOOBY, WILLIAM E., Clinical Instructor, Surgery (Medicine), seven months beginning February 1, 1950, without salary, supersedes (2-17-50).
- MARIENFELD, CARL, Instructor, Pediatrics (Medicine) ($\frac{1}{2}$), seven months beginning February 1, 1950, \$3000 a year, supersedes (3-2-50).
- MARKSBERRY, MARY L., Research Assistant, Provost's Office, February 15-August 31, 1950, \$350 a month (2-23-50).
- MOELLER, ARNOLD N., Assistant, Dairy Science (C & S), seven months beginning February 1, 1950, \$3000 a year, supersedes (2-23-50).
- MORTLAND, MAX M., Assistant, Soil Physics (Agronomy) (S) ($\frac{1}{2}$), February 15-June 10, 1950, \$158.33 a month, on full time, June 11-August 31, 1950, \$316.66 a month, supersedes (3-1-50).
- MURPHY, SPENCER L., JR., Instructor, Spanish, seven months beginning February 1, 1950, to render service during the second semester of the academic year, \$1600, supersedes (2-17-50).
- O'KELLY, L. I., Professor, Psychology ($\frac{5}{8}$), indefinite tenure beginning March 1, 1950, to render service during the academic year, \$5000 a year, supersedes (2-17-50).
- PATTERSON, CHARLES I., Instructor, English, six months beginning March 1, 1950, to render service during the second semester of the academic year, \$1650, supersedes (2-17-50).
- PLUMMER, RAYMOND B., Special Research Associate, Civil Engineering (S) ($\frac{1}{4}$), seven months beginning February 1, 1950, \$1125 a year (3-1-50).
- ROACH, CAROL R., Assistant, Speech, February 1-June 15, 1950, \$1200, supersedes (2-23-50).
- ROSS, MRS. DOROTHY R., Instructor, Clinical Speech (Otolaryngology) (Medicine) ($\frac{1}{2}$), nine months beginning December 1, 1949, \$2100 a year (2-21-50).
- SCHWARTZ, ELIZABETH, Circulation Assistant, Library, February 7-August 31, 1950, \$3500 a year (3-1-50).
- SHERE, MARIE O., Instructor, Speech, Supervisor of Organic and Articulatory Disorders ($\frac{3}{4}$), six months beginning March 1, 1950, to render service during the second semester of the academic year, \$1406.25, supersedes (2-23-50).
- SMITH, ALBERT W., Flight Instructor, Institute of Aviation, February 15-August 31, 1950, \$3850 a year (2-23-50).
- SMITH, JAMES F., Special Research Assistant, Psychology (Graduate College), February 15-June 30, 1950, \$350 a month, supersedes (2-27-50).
- SMITH, P. B., Special Research Assistant, Physics (C), seven months beginning February 1, 1950, \$3240 a year, supersedes (3-1-50).
- SOMERS, PAUL P., Assistant Professor, Dairying Research (Dairy Science) (S), eight months beginning January 1, 1950, \$4800 a year, supersedes (2-23-50).
- STEINER, GILBERT Y., Instructor, Political Science ($\frac{3}{8}$), Research Assistant, Institute of Labor and Industrial Relations ($\frac{4}{8}$), seven months beginning February 1, 1950, \$3700 a year, supersedes (2-23-50).
- STOLTEY, MRS. MARGARET C., Instructor, Education ($\frac{3}{4}$), five months beginning February 1, 1950, to render service during the second semester of the academic year, \$1500 (3-1-50).
- STRICKFADEN, MARY K., Counselor, University Council on Teacher Education ($\frac{1}{3}$), February 12-June 15, 1950, \$600 (2-23-50).
- THOM, KATHLEEN J., Instructor, Biological Sciences (Undergraduate Division in Chicago), seven months beginning December 1, 1949, to render service during the academic year, \$320 a month (3-2-50).
- VAN NORDEN, FLORENCE J., Instructor, Agricultural Engineering (E), five months beginning February 1, 1950, \$4000 a year (2-17-50).

- VICK, MARY E., Instructor, Institution Management (Home Economics) (C), January 15-July 31, 1950, to render service during the academic year, \$3600 a year (2-23-50).
- WULFF, VERNER J., Assistant Professor, Physiology, March 1, 1950-August 31, 1951, to render service during each academic year, \$4250 a year, supersedes (3-3-50).
- ZIMMERMAN, WILLIAM F., Special Research Assistant, Ceramic Engineering (S), February 20-August 31, 1950, \$3500 a year (3-1-50).

GRADUATE FELLOWS

(The following appointments were made by the Dean of the Graduate College on the dates indicated in parenthesis.)

- GREENBERG, RICHARD A., Fellow, Bacteriology, February 15-June 30, 1950, \$540 (3-3-50).
- KAO, RICHARD CHIEN-WEN, Fellow, Agricultural Economics, February 1-June 15, 1950, \$425 (3-3-50).
- NAKAMURA, TAKASHI, Fellow, Civil Engineering, February 1-June 15, 1950, \$350 (2-10-50).
- PRINTY, GLENN E., Swift and Company Fellow, Entomology, one year beginning February 15, 1950, \$1500 (2-7-50).
- SCOTT, EARLE S., Fellow, Chemistry, February 1-June 15, 1950, \$675 (3-3-50).
- SEIDENBERG, MORRIS, Fellow, Bacteriology, February 15-June 30, 1950, \$540 (3-3-50).
- WANG, TAI-KIANG, Fellow, Bacteriology, seven months beginning February 1, 1950, \$1050 (2-14-50).

RESIGNATIONS AND CANCELLATIONS

- BAULEKE, MAYNARD P., Special Research Assistant, Ceramic Engineering (S) — resignation effective 2-13-50.
- BENFORD, M. C., Instructor, Ophthalmology (Medicine) — cancellation effective 9-1-49.
- BROWN, ROWINE H., Clinical Instructor, Pediatrics (Medicine) — resignation effective 2-1-50.
- BUCKLEY, HARRY A., Professor, Military Science and Tactics — resignation effective 3-1-50.
- CLARK, WILLIAM C., Assistant, Physiology (Graduate College) — resignation effective 6-16-50.
- COHLMAYER, R. C., Assistant, Agricultural Engineering (S) — resignation effective 4-1-50.
- EVERSON, T. C., Clinical Instructor, Surgery (Medicine) — cancellation effective 9-1-49.
- FARRIS, PAUL L., Harry G. and Harriette A. Wright Fellow, Agricultural Economics — resignation effective 1-31-50.
- FRANCIS, F. C., Assistant Professor, Animal Science (C & S) — resignation effective 3-1-50.
- GRAFFIN, JACK W., Clinical Assistant, Dermatology (Medicine) — cancellation effective 9-1-49.
- HEIMBURGER, ROBERT F., Clinical Assistant, Neurosurgery (Neurology and Neurological Surgery) (Medicine) — cancellation effective 9-1-49.
- HOGG, MALCOLM W., Assistant Professor, Economics — resignation effective 3-1-50.
- HUA, L. K., Visiting Professor, Mathematics — cancellation effective 9-1-50.
- JORANSON, ROBERT E., Clinical Assistant, Medicine (Rush) (Medicine) — cancellation effective 9-1-49.
- LEVINE, SEYMOUR, Instructor, Bacteriology (Medicine) — cancellation effective 9-1-49.
- MILLS, FREDERICK E., III, Fellow, Physics — resignation effective 2-1-50.
- PALEVSKY, HARRY, Special Research Assistant, Physics (C) — resignation effective 3-1-50.
- PETERSON, ERIC, Research Associate, Psychiatry (Medicine) — resignation effective 12-31-49.
- PILLING, WARREN C., Clinical Assistant, Medicine (Rush) (Medicine) — cancellation effective 9-1-49.

- REESE, H. E., Instructor, Business Law (Business Organization and Operation)—resignation effective 3-1-50.
- SCHILLERSTROM, MRS. ALICE G., Assistant, Institute of Aviation—resignation effective 3-1-50.
- TERRY, ELLEN A., Counselor, University Council on Teacher Education—resignation effective 2-11-50.
- WATT, LUCILLE, Clinical Instructor, Anesthesia (Rush) (Surgery) (Medicine)—cancellation effective 9-1-49.
- YEN, ANDREW T. S., Special Postdoctoral Fellow, Ceramic Engineering—resignation effective 2-18-50.
- YOUMANS, JOHN B., Professor, Medicine (Medicine), Dean of the College of Medicine, Medical Director of the University of Illinois Hospitals, and of the Illinois Eye and Ear Infirmary—resignation effective 3-1-50.

LEAVES OF ABSENCE

- GOBLE, GEORGE W., Professor, Law—leave of absence, with salary, March 1-August 31, 1950.
- GREEN, PAUL M., Professor, Management (Business Organization and Operation)—leave of absence, without salary, March 1-August 31, 1950.
- MANDEVILLE, M. J., Associate Professor, Management (Business Organization and Operation)—leave of absence, without salary, March 1-August 31, 1950.
- RICHART, F. E., Research Professor, Engineering Materials (C & S)—leave of absence, with salary, March 1-August 31, 1950, without salary, September 1, 1950—until able to return or retire.
- RUBINSTEIN, MRS. HARRIET K., Instructor, Biological Sciences (Undergraduate Division in Chicago)—leave of absence, without salary, December 11, 1949-August 31, 1950.

SALARY ADJUSTMENTS, COLLEGE OF AGRICULTURE

The Provost, acting for the President, on March 1, 1950, approved the following salary adjustments in the College of Agriculture on account of Y status, effective as of September 1, 1949.

Administration

<i>Name</i>	<i>Tenure</i>	<i>Salary Approved</i>	
H. W. Bean.....	C-BY25	\$1 675	
	S-BY75	5 025	\$6 700
Hadley Read.....	C-BY20	1 280	
	S-BY18	1 120	
	E-BY62	4 000	6 400
A. W. Janes.....	S-DY68	3 400	
	S-DY32	1 600	5 000
Margaret P. McGlothlin.....	S-DY50		2 100
C. D. Smith.....	C-BY		6 000

Vocational Agriculture

Melvin Henderson.....	C-AY		6 700
H. J. Rucker.....	C-BY		5 500
W. H. Witt.....	C-BY		5 500

Dixon Springs

R. J. Webb.....	S-AY66	4 950*	
	S-AY24	1 800	
	E-AY10	750	7 500*
W. R. Boggess.....	S-AY33	2 030	
	S-AY67	4 070	6 100
J. M. Lewis.....	S-BY		4 750*

* With prerequisites valued at \$300, for the convenience of employee.

<i>Name</i>	<i>Tenure</i>	<i>Salary Approved</i>	
G. E. McKibben.....	S-BY75 E-BY25	3 750*	5 000*
Agricultural Economics			
C. L. Stewart.....	C-AY65 S-AY35	5 200 2 800	8 000
L. J. Norton.....	C-AY50 S-AY50	4 750 4 750	9 500
R. C. Ross.....	C-AY65 S-AY35	4 680 2 520	7 200
R. W. Bartlett.....	C-AY20 S-AY80	1 500 6 000	7 500
J. B. Andrews.....	S-AY50 E-AY50	3 700 3 700	7 400
J. E. Wills.....	C-AY20 S-AY48 E-AY32	1 400 3 350 2 250	7 000
E. H. Regnier.....	C-AY26 E-AY74	1 750 5 000	6 750
L. F. Stice.....	E-AY42 E-AY31 E-AY27	2 750 2 000 1 750	6 500
L. H. Simerl.....	E-AY		6 500
A. T. Anderson.....	E-BY		6 000
G. B. Whitman.....	E-BY		5 800
W. J. Wills.....	C-BY20 S-BY60 S-BY20	980 2 920 1 000	4 900
Agricultural Engineering			
D. G. Carter.....	C-AY30 S-AY70	2 775 6 475	9 250
R. C. Hay.....	C-AY20 S-AY80	1 360 5 440	6 800
F. W. Andrew.....	E-BY		5 200
J. G. Andros.....	E-BY		4 800
H. P. Bateman.....	S-DY		4 200
J. H. Ramser.....	C-DY20 S-DY80	900 3 600	4 500
W. F. Lytle.....	C-DY20 S-DY80	840 3 360	4 200
J. O. Curtis.....	C-DY40 S-DY60	1 720 2 580	4 300
R. W. Mowery.....	C-DY40 S-DY60	1 640 2 460	4 100
Agronomy			
F. C. Bauer.....	C-AY20 S-AY80	1 850 7 400	9 250
J. C. Hackleman.....	E-AY		8 000
C. M. Woodworth.....	C-AY33 S-AY67	2 830 5 670	8 500
G. H. Dungan.....	C-AY55 S-AY45	4 240 3 510	7 750

* With perquisites valued at \$120, for convenience of employee.

<i>Name</i>	<i>Tenure</i>	<i>Salary Approved</i>	
Benjamin Koehler.....	C-AY20 S-AY80	1 500 6 000	7 500
R. H. Bray.....	C-AY20 S-AY80	1 550 6 200	7 750
O. T. Bonnett.....	C-AY25 S-AY75	1 875 5 625	7 500
J. E. Giesecking.....	C-AY20 S-AY80	1 500 6 000	7 500
R. W. Jugenheimer.....	C-AY25 S-AY75	1 875 5 625	7 500
A. L. Lang.....	S-AY		7 500
R. F. Fuelleman.....	C-AY25 S-AY75	1 875 5 625	7 500
E. D. Walker.....	E-AY		6 200
L. T. Kurtz.....	C-AY20 S-AY80	1 260 5 040	6 300
S. W. Melsted.....	S-AY		6 120
R. T. Odell.....	C-AY20 S-AY80	1 500 6 000	7 500
E. B. Earley.....	C-AY20 S-AY80	1 250 4 950	6 200
R. S. Stauffer.....	C-AY33 S-AY67	2 020 4 100	6 120
H. J. Snider.....	S-BY		5 250
H. L. Wascher.....	S-BY		5 800
L. B. Miller.....	S-BY		5 200
C. H. Farnham.....	S-BY		5 500
A. U. Thor.....	E-BY		5 500
R. O. Weibel.....	S-BY		5 600
W. F. Purnell.....	E-BY55 S-BY45	3 050 2 450	5 500
W. O. Scott.....	E-BY		5 100
E. R. Leng.....	C-BY20 S-BY80	1 040 4 160	5 200
F. W. Slife.....	C-DY40 S-DY60	1 680 2 520	4 200
J. W. Pendleton.....	S-DY61 S-DY39	2 440 1 560	4 000
Animal Science			
Elmer Roberts.....	C-AY33 S-AY43 S-AY24	2 700 3 500 2 000	8 200
Sleeter Bull.....	C-AY40 S-AY38 S-AY22	3 200 3 000 1 800	8 000
R. R. Snapp.....	C-AY40 S-AY60	3 280 4 920	8 200
T. S. Hamilton.....	C-AY40 S-AY48 S-AY12	3 700 4 470 1 080	9 250
J. L. Krider.....	C-AY45 S-AY55	3 690 4 510	8 200
H. G. Russell.....	E-AY		7 500

<i>Name</i>	<i>Tenure</i>	<i>Salary Approved</i>	
H. M. Scott	C-AY ₄₀	3 280	
	S-AY ₆₀	4 920	8 200
B. C. Johnson	C-AY ₂₀	1 300	
	S-AY ₈₀	5 200	6 500
A. V. Nalbandov	C-AY ₂₀	1 300	
	S-AY ₈₀	5 200	6 500
C. W. Crawford	C-BY ₅₀	2 750	
	S-BY ₅₀	2 750	5 500
S. F. Ridlen	E-BY		5 750
Marian F. James	S-BY		4 900
W. T. Haines	S-DY ₅₇	2 700	
	S-DY ₄₃	2 000	4 700
Dairy Science			
W. W. Yapp	C-A ₅₀	3 600	
	S-AY ₅₀	4 400	8 000
C. S. Rhode	E-AY		8 000
K. E. Gardner	C-AY ₄₀	2 560	
	S-AY ₆₀	3 840	6 400
W. O. Nelson	C-BY ₆₀	3 240	
	S-BY ₄₀	2 160	5 400
K. E. Harshbarger	C-BY ₆₀	3 300	
	S-BY ₄₀	2 200	5 500
M. H. Alexander	C-BY ₄₀	2 060	
	S-BY ₆₀	3 090	5 150
K. A. Kendall	C-BY ₄₀	2 060	
	S-BY ₆₀	3 090	5 150
Food Technology			
P. H. Tracy	C-AY ₂₅	2 250	
	S-AY ₄₇	4 250	
	C-AY ₂₈	2 500	9 000
E. O. Herreid	C-AY ₄₀	2 960	
	S-AY ₆₀	4 440	7 400
S. L. Tuckey	C-AY ₂₀	1 320	
	S-AY ₈₀	5 280	6 600
R. M. Whitney	S-AY		6 300
Forestry			
R. W. Lorenz	S-AY		6 900
W. R. Boggess	S-AY ₆₇	4 070	
	S-AY ₃₃	2 030	6 100
W. F. Bulkley	E-DY ₆₆	3 080	
	E-DY ₃₄	1 620	4 700
B. F. Kent	E-DY		4 300
Home Economics			
Mrs. Kathryn V. Burns	C-AY ₂₁	1 680	
	E-AY ₇₉	6 320	8 000
Grace B. Armstrong	E-AY		6 150
Mary L. Chase	E-AY		6 150
Edna R. Gray	E-BY		5 550
Gladys J. Ward	E-BY		5 250
Mrs. Ruth C. Freeman	S-BY ₃₁	1 500	
	E-BY ₆₉	3 400	4 900

<i>Name</i>	<i>Tenure</i>	<i>Salary Approved</i>	
Mary A. McKee	E-BY		5 100
Mrs. Mary S. Ligon	E-BY		4 900
Florence A. Kimmelshue	E-BY		4 900
Gertrude E. Kaiser	E-BY		4 900
Beula McKey	S-BY82	4 000	
	S-BY18	900	4 900
Erma Cottingham	E-DY		4 650
Helen E. McCullough	S-DY		4 400
Frances E. Cook	E-DY		4 350
Catherine Sullivan	E-DY51	2 150	
	E-DY49	2 100	4 250
Lucile Hieser	E-DY		4 650
Mrs. Royene F. Owen	C-DY38	1 400	
	S-DY62	2 300	3 700

Horticulture

H. W. Anderson	C-AY45	3 600	
	S-AY55	4 400	8 000
W. A. Huelsen	C-AY30	2 250	
	S-AY70	5 250	7 500
A. S. Colby	C-AY45	3 330	
	S-AY55	4 070	7 400
R. V. Lott	C-AY30	1 890	
	S-AY70	4 410	6 300
F. F. Weinard	C-AY45	2 840	
	S-AY55	3 460	6 300
H. H. Thornberry	C-AY20	1 220	
	S-AY80	4 880	6 100
J. P. McCollum	C-AY40	2 460	
	S-AY60	3 690	6 150
Dwight Powell	C-BY39	2 600	
	S-BY61	4 000	6 600
C. J. Birkeland	C-BY40	3 000	
	S-BY60	4 500	7 500
M. B. Linn	C-BY20	1 400	
	S-BY80	5 600	7 000
L. A. Somers	E-BY		5 000
J. R. Culbert	C-BY50	2 400	
	S-BY50	2 400	4 800

State Agricultural Extension

O. L. Whalin	AY39	2 450	
	AY61	3 900	6 350
Margery E. Suhre	DY		4 450
Jessie E. Heathman	BY65	3 900	
	BY35	2 100	6 000
R. O. Lyon	BY57	2 800	
	BY43	2 100	4 900
H. E. Deason	DY57	2 800	
	DY43	2 100	4 900

Veterinary Research

Jesse Sampson	S-AY29	2 400	
	AY71	6 000	8 400

<i>Name</i>	<i>Tenure</i>	<i>Salary Approved</i>	
C. C. Morrill.....	S-AY29	2 400	
	AY71	6 000	8 400
N. D. Levine.....	S-AY28	1 875	
	AY72	4 875	6 750
J. O. Alberts.....	S-AY35	2 560	
	AY65	4 690	7 250
P. D. Beamer.....	S-BY21	1 300	
	BY79	4 950	6 250
H. S. Bryan.....	S-BY31	1 875	
	BY69	4 125	6 000
M. S. Cover.....	S-BY8	500	
	BY92	5 500	6 000
Smith-Lever			
F. E. Longmire.....	AY		8 000
J. D. Bilsborrow.....	AY		7 500
W. D. Murphy.....	BY		7 500
H. H. Gordon.....	BY		5 750
E. I. Pilchard.....	AY		6 750
O. F. Gaebe.....	DY25		1 425
F. H. Mynard.....	BY		5 600

EXCHANGE OF LAND WITH MEDICAL CENTER COMMISSION

Resolution

WHEREAS, the real property legally described as "Sub Lot 4 in McKay's Resub-division of Lots 1 and 2 in the East half of Block 5 of the Assessor's Division of the East half of the South East quarter of Section 18, Township 39 North, Range 14, East of the Third Principal Meridian in Cook County, Illinois," which property is further identified by Medical Center Commission as Parcel 6:1, and is located at 1745 West Flournoy Street, Chicago, Illinois, has been acquired by and in the name of the Board of Trustees of the University of Illinois; and

WHEREAS, title to said real property is now held in the name of the Board of Trustees of the University of Illinois; and

WHEREAS, the Board of Trustees of the University of Illinois is the owner of said real property; and

WHEREAS, the Board of Trustees of the University of Illinois desires to convey and transfer title to and full ownership of the above real property to Medical Center Commission, in consideration of the conveyance by Medical Center Commission to the Board of Trustees of the University of Illinois of the title to and ownership of the real property described as "Lot 8 and South 4 inches of Lot 7 in B. F. Hadduck's Subdivision of the East half of Block 5 in Assessor's Division of the East half of the South East quarter of Section 18, Township 39 North, Range 14, East of the Third Principal Meridian, in Cook County, Illinois," which property is further identified as Medical Center Commission Parcel 6:10, and is located at 718 South Hermitage Avenue, Chicago, Illinois; and

WHEREAS, it is the sense of the Board of Trustees of the University of Illinois that the above exchange of real estate would be in the interest and advantage of the Board of Trustees of the University of Illinois;

NOW, THEREFORE, BE IT, AND IT IS HEREBY RESOLVED by the Board of Trustees of the University of Illinois that the above real property owned by the Board of Trustees of the University of Illinois, and known as Medical Center Commission Parcel 6:1, which is legally described as above, be conveyed by Quit-Claim Deed to Medical Center Commission in consideration of the simultaneous conveyance by said Medical Center Commission to the Board of Trustees of the University of Illinois of that certain real property owned by Medical Center Commission, and known as Medical Center Commission Parcel 6:10 and legally described above, provided said real property to be so conveyed from said Medical

Center Commission to the Board of Trustees of the University of Illinois is free and clear of all encumbrances of every kind and character, including taxes and special assessments; and the President of the Board of Trustees of the University of Illinois is hereby authorized, empowered and directed to execute such deed from the Board of Trustees of the University of Illinois, as grantor, to Medical Center Commission, as grantee, conveying said Parcel 6:1, as aforementioned, such act to be attested by the Recording Secretary of the Board of Trustees of the University of Illinois; and said Recording Secretary is hereby authorized, empowered and directed to affix the corporate seal of the Board of Trustees of the University of Illinois to such deed, and to attest the act of the President of the Board of Trustees of the University of Illinois in executing the same, as aforesaid; and thereupon the President of the Board of Trustees of the University of Illinois shall deliver said deed last mentioned to Medical Center Commission upon receiving from it a conveyance of said Parcel 6:10, legally described above, free and clear of all encumbrances, including taxes and special assessments, as above.

Certification

I, H. E. Cunningham, hereby certify that I am the duly appointed Recording Secretary of the Board of Trustees of the University of Illinois, a body corporate and politic, created under and by virtue of the laws of the State of Illinois, and that as such Recording Secretary I am the keeper of the records of said the Board of Trustees of the University of Illinois.

I do further certify that on March 14, 1950, the Board of Trustees of the University of Illinois, at its annual meeting duly called and held, duly adopted a certain Resolution, copy of which is hereto attached, and that such Resolution is now in full force and effect.

IN WITNESS WHEREOF, I have hereunto affixed my signature as Recording Secretary of the Board of Trustees of the University of Illinois, and caused the corporate seal of said the Board of Trustees of the University of Illinois to be hereto affixed this 14th day of March, 1950.

H. E. CUNNINGHAM, *Recording Secretary*,
THE BOARD OF TRUSTEES OF THE
UNIVERSITY OF ILLINOIS

COMPTROLLER'S REPORT OF CONTRACTS EXECUTED JANUARY 11 TO FEBRUARY 28, 1950

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Date</i>
Consolidated Feldspar Corp.	Study of feldspars in the white ware industry	\$15 000 00	February 7, 1950
Country Mutual Fire Co. and the Illinois Agricultural Association	Study of methods of reducing farm fire and wind losses	22 500 00	September 8, 1949
United States Department of the Army, Office of the Surgeon General	Study of changes in the dental tissues in physiologic and pathologic states	5 918 00	February 1, 1950
United States Department of the Navy, Bureau of Naval Personnel	Furnishing books, nonexpendable supplies, equipment, and other services for naval students	2 000 00	July 1, 1949
United States Department of the Navy, Office of Naval Research	Research and development task order number 28	12 000 00	November 23, 1949
United States Department of the Navy, Office of Naval Research	Research and development task order number 29	22 645 40	November 1, 1949
Hoffmann-LaRoche, Inc.	Study of effect of Nu-2206 on kidney function	1 850 00	January 1, 1950
Housing and Home Finance Agency	Study of simplified plumbing systems	23 178 00	January 30, 1950
Merck and Co., Inc.	Vitamin B ₁₂ in the nutrition of the calf	2 500 00	February 1, 1950
Union Electric Power Co.	A-C network analyzer service and research for twelve years	7 600 00	January 26, 1950
United States Atomic Energy Commission	Atomic energy research and development	Rates per project	January 26, 1950

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Date</i>
United States Air Force Department	Continuous recording of tonic and activity pressures in the gastrointestinal tract at various altitudes	6 435 00	November 29, 1949
Veterans Administration	Instruction of veterans under Public Law 36 and 346 at Chicago Undergraduate Division from 9-19-49 to 8-19-50, contract No. V3028V-890	Rates per contract	November 29, 1949
Veterans Administration	Medical services for vocational rehabilitation students, contract No. V3028V-948	Rates per contract	February 6, 1950
White and McTaggart Co.	Installation of coin-operated Bendix automatic home laundry machines in certain housing facilities	Rates per contract	February 3, 1950

**LEASES EXECUTED UNDER GENERAL REGULATIONS OF
THE BOARD OF TRUSTEES**

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Date</i>
Monticello Grain Co.	Lease of the elevator located on Allerton Farm No. 1 ¹	1¢ per bushel on all grain passing through elevator	January 1, 1950

**ADJUSTMENTS IN AUTHORIZATIONS ISSUED PRIOR TO JULY 1, 1949,
UNDER COST-PLUS STANDING CONTRACTS**

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>
Lewis S. Colbert	Six adjustments	\$6 747 24
Reliable Plumbing and Heating Co.	Three adjustments	252 72
Schroeder's	Three adjustments	1 319 27 ²
Square Deal Electric	Three adjustments	453 41 ²

PURCHASES RECOMMENDED

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
30,000 copies 1950-1951 First Semester Time Table to be printed and bound	University Press	Interstate Printing Co., Danville	\$4 917 40 f.o.b. Urbana
1300M 4½" x 9½" 20 lb. white envelopes printed	Extension Service in Agriculture and Home Economics	Transo Envelope Co., Chicago	2 496 00 f.o.b. Chicago
500,000 multiple vitamin capsules according to formula provided by the Hospital Pharmacy	Research and Educational Hospitals Pharmacy	Abbott Laboratories, Chicago	4 875 00 f.o.b. delivered
500 cases (approximately) Pyrex laboratory glassware to be ordered and delivered as required between March 1 and June 30, 1950	General Chemical Stores		2 000 00 (approximately)
One Flakice machine, 2000 pounds daily capacity	Illini Union Building, Urbana-Champaign	Refrigeration Engineering Sales Service, Decatur	2 085 00 installed
One two-channel inkwriting galvanometer recorder, consisting of one microammeter and one millivoltmeter; recorder to have provision for paper speeds, 6", 12", and 36" per minute and per hour according to specifications	Physiology, College of Medicine	General Electric Co., Chicago	1 128 43 f.o.b. factory West Lynn, Mass.
Five controllers, indicating, DC potentiometer type (special double range) -5 to 0 to +5, 0 to 50 millivolts; five auxiliary relays, normally open, S.P., S.T., as specified for the above controllers	Chemistry	Leeds & Northrup Co., Chicago	1 978 75 f.o.b. Urbana

¹ This is a continuation of the contract originally executed by Mr. Allerton.

² Deduct, contract reductions.

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One microscope, research, inclined body, rotating stage with flat plate, apochromatic objectives 16, 8, 4, and 2 mm., paired compensating eyepieces 5X, 10X, and 15X eyepieces, complete in case; one objective, achromatic, 25 mm., 5X, par-focaled	Horticulture	W. H. Kessel & Co., Chicago	1 298 50 f.o.b. Urbana
One 16 mm. high-speed motion picture camera capable of taking pictures at a rate of 150 to 5000 frames per second with exposure time 1/20,000 seconds per frame at maximum camera speed, with 2" coated F/2.0 lens	Speech	Western Electric Co., New York	1 450 00 f.o.b. Winston-Salem, N.C.
One 15 KW. two-unit, three-ball bearing generator set with auto transformer type magnetic reduced voltage starter and control	Physics Betatron Development	General Electric Co., Springfield, Ill.	1 328 43
One electronic voltage regulator with AC motor starter and control			1 159 25 2 487 68 f.o.b. delivered
		Total	
One microscope, polarizing, Universal, straight, monocular, complete with mechanical stage, analyzer, illuminator, and optical accessories	Physics	R. Y. Ferner Co., Chicago	1 183 00 f.o.b. Boston
One 15" floor model shaper with Vee ram, helical hull gear transmission, eight reversible power feeds, and force feed lubrication; complete with 3 h.p., 1800 r.p.m., 3 phase, 60 cycle, 220 volt motor with magnetic switch and start-stop push button, tilting table top, holders, handles, wrenches, drive belt guard, Vee belts and pulleys	Industrial Education	Joseph Behr & Sons Co., Rockford	2 344 00 f.o.b. Holland, Mich.
One surface grinding machine with capacity for work 6" wide x 18" long x 9 1/2" high with 1 1/2 h.p., 220 volt, 3 phase, 60 cycle motor, mounted in base of machine, wired with magnetic switch, overload and low voltage protection in accordance with local code; includes magnetic chuck wet grinding attachment and swivel vise	Industrial Education	Brown & Sharpe Co., Chicago	2 181 62 f.o.b. Providence, R.I.
One 10" geared head engine lathe with 36" centers and 12 spindle speeds with 1 h.p., 220/440 volt, 3 phase, 60 cycle motor and controls; attachments—one 5" three-jaw Universal chuck, one 6" four-jaw Independent chuck, one telescopic taper attachment, micrometer carriage stop, tool holder, steady rest, KO drill chuck and spindle nose chuck	Industrial Education	Joseph Behr & Sons Co., Rockford	2 181 23 f.o.b. Cincinnati, Ohio
2500 copies of <i>Film Audience Research</i> , by Leo Handel, to be printed and bound	University Press	Kingsport Press, Inc., Chicago	2 773 28
800 copies of <i>The Licensing of Radio Services in the United States</i> , by J. M. Edelman, to be printed and bound	University Press	Pantagraph Printing & Stationery Co., Bloomington	1 608 00
One Model 4 X 4-63 Jeep station wagon, four-wheel drive	Forestry	Frank S. Owens Co., Bloomington	1 716 53
54 new boiler tubes delivered and installed	Physical Plant Department, Chicago Profes- sional Colleges Power Plant	Lasker Boiler & Engi- neering Corp., Chicago	1 675 00 f.o.b. installed

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Nursery stock for landscape development in three areas: Lincoln Avenue Residence; Student and Staff Apartments on Green Street and Goodwin Avenue; and Small Homes Council Staff Housing Research Project at Race Street and Florida Avenue	Physical Plant	Henry Kohankie & Son, Painesville, Ohio	2 117 72
		Charles Fiore Nursery, Prairie View	1 390 80
		The Cole Nursery Co., Mentor, Ohio	320 25
		Fairview Nursery, Fairview, Pa.	248 00
		D. Hill Nursery, Dundee	200 00
		Cherry Hill Nursery, West Newbury, Mass.	158 75
		Hugh B. Barclay, Narberth, Pa.	123 00
		Onarga Nursery, Onarga	105 34
		Wayside Gardens, Mentor, Ohio	49 75
		Jackson and Perkins, Newark, N.Y.	45 75
		Total	4 759 36
		53 sheets 4 ft. x 8 ft. 20 oz. hard copper; 28 sheets 4 ft. x 8 ft. 24 oz. hard copper; 6 sheets 4 ft. x 8 ft. 16 oz. hard copper; 75 sheets 4 ft. x 8 ft. 24 oz. heavy Class B lead-coated copper; 17 sheets 4 ft. x 8 ft. 20 oz. heavy Class B lead-coated copper	Physical Plant (for renewals and replacements)
One lot gray granite steps for south entrance to Library; one lot gray granite steps for north vestibule of Library; one lot gray granite steps for south vestibule of Library	Physical Plant	North Carolina Granite Corp., Mount Airy, N.C.	2 445 00 f.o.b. Champaign
90 six cubic ft. electric refrigerators; 90 three burner electric ranges; sink cabinets, base cabinets, counter tops, wall cabinets, and utility cabinets	Physical Plant (for Student and Staff Apartments, second six-story building)	Frigidaire Sales Corp., Chicago Westinghouse Electric Supply Corp., Danville Williams, Inc., Peoria	8 028 00 10 386 90 23 299 00 Total 41 713 90
One Altmann-Gersh freezing-drying unit	Applied Materia Medica and Therapeutics	A. S. Aloe Co., Chicago	2 250 00 f.o.b. delivered
Installation (including material) of 285 duplex outlets and 285 pull chain sockets in single story buildings in Stadium Terrace	Residence Halls	Brunkow Electric Co., Champaign	2 305 00
35,000 copies of Undergraduate Catalog of the University of Illinois, to be printed and bound	University Press	Pantagraph Printing & Stationery Co., Bloomington	14 240 00

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MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

February 16, 1950



The February meeting of the Board of Trustees of the University of Illinois was held on Thursday, February 16, 1950, in the Illini Union Building, in Urbana, according to the following schedule:

10:30 a.m. — Executive session as in Committee of the Whole.

2:00 p.m. — Open session.

The following members were present: President Williamson, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Livingston, Mr. McLaughlin, Mr. Nickell, Mrs. Watkins.

President Stoddard was present; also, Vice-President A. C. Ivy, Provost C. R. Griffith, Assistant to the President A. J. Janata, Secretary H. E. Cunningham, Comptroller Lloyd Morey, and, during the open session, Director of Public Information J. F. Wright, Assistant to the President Wilbur Schramm, Professor R. B. Hudson.

MINUTES APPROVED

The Secretary presented the minutes of the meeting of January 12, 1950.

On motion of Mrs. Watkins, the minutes were approved as printed on pages 963 to 986 above.

MATTERS PRESENTED BY PRESIDENT STODDARD

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

RECOMMENDATIONS RELATING TO PATENTABLE DISCOVERIES

(1) A. Dr. C. S. Marvel of the Department of Chemistry reports the discovery by himself and Dr. B. R. Bluestein, a former graduate student who worked under him last year, of the reaction of a chlorine-containing polymer with triethylphosphite to produce an organic phosphorus derivative which is slow burning. The discovery appears to have potential value in the preparation of flame resistant materials, but a considerable amount of further research and development will be necessary, and there is no assurance that the ultimate result would justify the cost of securing a patent.

On the basis of advice from members of the Department of Chemistry staff, the Chairman of the University Research Board recommends that the discovery be released to the discoverers.

B. Edward W. Ernst, Special Research Assistant in Electrical Engineering, reports the development of "An Anticipator Circuit for Reducing the Effective Thermal Time Lag," an improved form of temperature-measuring device which may be patentable. This development results from an Engineering Experiment Station research program sponsored by the Bird Electronic Corporation of Cleveland, Ohio.

The Chairman of the University Research Board recommends that the University of Illinois Foundation be requested to have a patent search made to determine the novelty of this invention, and that if it appears to be patentable, an application for a patent to be assigned to the University of Illinois Foundation be filed.

C. Associate Professor G. I. Wallace, of the Department of Bacteriology, and Mr. Walter Zygmunt, a graduate assistant in that Department, have isolated a bacterium which produces an antibiotic substance which may be of therapeutic importance. This substance seems to be effective against various disease-producing bacteria, and appears not to be toxic to animals even in rather large doses. To carry forward from this point the development of the substance as a useful thermoherapeutic agent is a long and costly process best carried out in cooperation with a pharmaceutical manufacturer. Control of possible patents by such a manufacturer is a necessary concession in securing the manufacturer's support.

The University Research Board has considered this matter and has also consulted Professors Herbert E. Carter of the Department of Chemistry and Halvor O. Halvorson of the Department of Bacteriology. It is the judgment of the Research Board that the public interest will be best served if the discovery of this antibiotic substance is released to the discoverers so that they can negotiate with pharmaceutical manufacturers for the production, study, and development, and the Research Board so recommends.

I concur in these recommendations.

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

LEAVE OF ABSENCE FOR PRESIDENT STODDARD

(2) A request for leave of absence from May 9 to June 15, to enable him to attend a meeting of UNESCO in Florence, Italy.

On motion of Mr. Nickell, this leave was granted as requested.

USE OF UNIVERSITY PREMISES FOR POLITICAL MEETINGS

(3) Following considerable campus discussion in meetings and through the press, the Student Senate on March 8, 1950, passed the following resolution:

I. Political speakers are not allowed to appear on the campus.

II. This restriction stems from a resolution passed by the Board of Trustees in 1890. "Action: On motion of Mr. Bennett it was resolved that hereafter the University buildings and grounds be not used for political purposes."

III. The Student Senate feels that such a restriction is contrary to the best interests of the student body.

- A. Hearing political campaign speeches should be part of the educational process of the college student.
- B. Other comparable universities do not impose such restrictions.
- C. If Democracy is to function the citizens should have every possible opportunity to hear and discuss political issues.

IV. It is the sense of the Student Senate that steps should be taken to make it possible for major candidates for national public offices or Governor of the State from political parties recognized by the State of Illinois to appear on the campus of the University.

V. The Student Senate respectfully requests the President of the University of Illinois to present this matter to the Board of Trustees with the recommendation that the resolution of December 9, 1890, be reconsidered. It is the desire of the Student Senate that provision be made to make it possible for major political speakers to use university grounds and facilities and to appear before the student body of this University.

VI. The Student Senate recommends that it, being representative of the student body, initiate the administration.

Also the All-University Forum Committee endorses a lifting of this sixty-year law, stating

The function of the Committee is to bring students in contact with significant personalities, problems, and trends of the day, thereby implementing the educational process. Students are a critical audience and indicate a definite preference for participants in affairs rather than mere observers who relate things at second hand. Insulating students from the political personalities and issues of the day seems both unrealistic and self-defeating.

Next fall will witness a highly significant campaign for the United States Senate. We would like to sponsor either joint or several appearances of the candidates. We are aware that the continuation of some restrictions is essential, as, for example, limitation of appearances to candidates for state and national offices, and assurance of equal opportunity for rival candidates as in the case of radio time.

Now, technically these campus groups are not thinking of the use of University buildings "for political purposes," but of the contact between student body and staff on the one hand and political candidates on the other. We could, I presume, be using the buildings for educational purposes while the speakers were expressing political thoughts.

However, we have held to a strict interpretation, not without embarrassment at times, and with a definite loss to students and staff. I know that my own college life was more interesting because of the personal appearances of Bryan, Taft, and Hoover.

I recommend, therefore, that the Board action of 1890 be rescinded and that the following action, in substance, be taken:

RESOLVED, that the University buildings and grounds and facilities in communications be available to candidates for state-wide and national offices from political parties recognized by the state of Illinois, and to other responsible political speakers, subject to the approval of the President of the University.

If the Board approves, I recommend that this change become effective immediately.

On motion of Dr. Meyer, this matter was referred to the Committee on General Policy for consideration and report at the May meeting.

The Board recessed for luncheon.

OPEN SESSION

After luncheon, the Board convened in open session.

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. H. W. DOWLING, Professor of Preventive Medicine and Public Health, and Head of the Department, beginning June 1, 1950, at an annual salary of \$12,000.
2. I. C. GUNSALES, Professor of Bacteriology, beginning September 1, 1950, at an annual salary of \$9,500.
3. CHARLES A. HICKMAN, Professor of Economics, and Research Professor of Economics, beginning September 1, 1950, at an annual salary of \$8,500.
4. ROBERT M. KARK, Professor of Medicine, beginning July 1, 1950, at an annual salary of \$10,000.
5. S. E. LURIA, Research Professor of Bacteriology, beginning September 1, 1950, at an annual salary of \$8,000.
6. CHARLES L. MAXWELL, Assistant Professor of Hygiene, and Medical Adviser for Men, beginning July 1, 1950, at an annual salary of \$7,200.
7. ALVIN L. NEUMANN, Associate Professor of Animal Science, beginning July 1, 1950, at an annual salary of \$6,200.
8. HORACE W. NORTON, Professor of Agricultural Statistics, beginning September 1, 1950, at an annual salary of \$8,000.
9. FREDERICK SARGENT, II, Assistant Professor of Physiology, beginning September 1, 1950, at an annual salary of \$4,500.
10. WILLIAM W. WAINWRIGHT, Professor of Radiology, and Head of the Department, beginning September 1, 1950, at an annual salary of \$8,000.

On motion of Dr. Meyer, these appointments were confirmed.

MATTERS PRESENTED BY PRESIDENT STODDARD

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

APPOINTMENT OF W. ELLISON CHALMERS AS DIRECTOR OF THE INSTITUTE OF LABOR AND INDUSTRIAL RELATIONS

(1) I recommend that Dr. W. Ellison Chalmers, Professor of Economics and Professor in the Institute of Labor and Industrial Relations, who has been serving as Acting Director of the Institute since September 1, 1949, be appointed Director of the Institute at a total salary of \$9,500, service to be on a twelve months' or "Y" basis.

Under University Statutes a dean or director is appointed for a term of two years. Professor Chalmers' present appointment as Acting Director will expire September 1, 1950. I recommend that the change in title to Director and the new salary become effective as of May 1, 1950.

On motion of Dr. Meyer, this appointment was made as recommended.

APPOINTMENT OF MARK H. HINDSLEY AS DIRECTOR OF THE UNIVERSITY OF ILLINOIS BANDS

(2) The University of Illinois Bands have been an independent organization, the Director reporting to the President of the University. For administrative purposes the Bands should be attached to one of the major divisions of the University. I recommend that they be placed under the general supervision of the Dean of the College of Fine and Applied Arts.

I recommend further that Associate Professor Mark H. Hindsley, who has been serving as Acting Director of the Bands since September 1, 1948, when Director A. A. Harding retired, be appointed Director of the University of Illinois Bands and Professor in the School of Music, effective May 1, 1950, at a total salary of \$8,500.

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

**APPOINTMENT OF DIRECTOR AND ASSISTANT DIRECTOR
OF THE STUDENT COUNSELING BUREAU**

(3) I recommend the following appointments to be effective May 1, 1950:

1. William M. Gilbert, now Acting Director of the Student Counseling Bureau, as Associate Professor of Psychology and Director of the Student Counseling Bureau at an annual salary of \$8,000.

2. Leo A. Hellmer, now Acting Assistant Director of the Bureau, as Associate Professor of Psychology and Assistant Director of the Student Counseling Bureau at an annual salary of \$7,000.

On motion of Mrs. Holt, these appointments were made as recommended.

**APPOINTMENT OF DEAN STANLEY W. OLSON TO BOARD OF
DIRECTORS, INSTITUTION FOR TUBERCULOSIS RESEARCH**

(4) The Sixty-sixth General Assembly of Illinois established the Institution for Tuberculosis Research for the production, distribution, and application of the bacillus Calmette-Guerin (BCG), and other methods and materials for the prevention of tuberculosis and for conducting research in tuberculosis. The General Assembly has also made appropriations for expenses incidental to the operation of the Institution. Its management is vested in a five-man board — two appointed by the University and two by the Board of the Municipal Tuberculosis Sanitarium of Chicago. The fifth member is elected by the other four.

The resignation of Dr. J. B. Youmans, former Dean of the College of Medicine, leaves a vacancy on the Board. Vice-President A. C. Ivy recommends the appointment of Dr. Stanley W. Olson, the new Dean of the College of Medicine, to fill the vacancy. The complete personnel of the Board will be:

Appointed by the University of Illinois

Dr. A. C. IVY, Vice-President

Dr. STANLEY W. OLSON, Dean of the College of Medicine

Appointed by the Municipal Tuberculosis Sanitarium of Chicago

Dr. HERMAN N. BUNDESEN, President, Chicago Board of Health

Dr. ERNEST E. IRONS, Consulting Physician, Presbyterian Hospital, Chicago

Appointed by the Other Four

Dr. WALTER H. THEOBALD, Otolaryngologist, Municipal Tuberculosis Sanitarium, and member of the Medical Center Commission

I concur.

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

DEPARTMENTS OF PREVENTIVE MEDICINE AND PUBLIC HEALTH

(5) The educational and research program in Preventive Medicine and Public Health in the College of Medicine is presently under one department. The Vice-President in charge of the Chicago Professional Colleges recommends that it be organized into two departments, a Department of Preventive Medicine and a Department of Public Health.

He also recommends the following appointments:

1. Harry Filmore Dowling as Professor and Head of the Department of Preventive Medicine on indefinite tenure, beginning June 1, 1950, at an annual salary of \$12,000 (AY).

2. Howard J. Shaughnessy, now Professor of Bacteriology serving without salary, as Professor and Head of the Department of Public Health, the terms of his appointment to be determined later. Dr. Shaughnessy is now Director of Laboratories of the State Department of Public Health, and he will probably

want to divide his time between the University and the Department. The details of this have not been completed.

On motion of Dr. Meyer, these recommendations were adopted.

GRADUATE CURRICULA AT URBANA-CHAMPAIGN

(6) The University Senate recommends a reorganization of the graduate curricula in Geography and Physiology (see Appendix, page 1097).

Memoranda giving the details of the required and elective courses in these several curricula are attached hereto and copies are being given to the Secretary of the Board for record.

These new curricula have also been approved by the Executive Faculty of the Graduate College.

I recommend approval.

On motion of Mr. Livingston, these curricula were approved as recommended.

GRADUATE CURRICULA IN THE CHICAGO PROFESSIONAL COLLEGES

(7) The University Senate recommends that the following curricula leading to advanced degrees in the Chicago Professional Colleges be established (see Appendix, page 1098).

Memoranda giving the details of the required and elective courses in these several curricula are attached hereto and copies are being given to the Secretary of the Board for record.

These new curricula have also been approved by the Executive Faculty of the Graduate College.

I recommend approval.

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

RESERVE OFFICERS TRAINING CORPS AT CHICAGO UNDERGRADUATE DIVISION

(8) A Committee of the faculty was appointed late in 1948 to study the advisability of offering a Reserve Officers Training Corps program at the Chicago Undergraduate Division. It had previously been ascertained that the University was under no legal obligation to establish military training in any of its branches. Hence, the study of R.O.T.C. at Navy Pier assumed that it would be an elective program.

We now have a recommendation from the Committee, concurred in by the University's Military Department, that there be established at Navy Pier the first and second year basic Army R.O.T.C. program. A minimum of one hundred and a maximum of two hundred trainees is contemplated. Applicants will be screened and admitted on the basis of previous high-school or freshman college work.

The instructional personnel will be provided by the Department of the Army, supplemented by Reserve Officers on inactive status or short tours of active duty. The University will need to provide a secretary and a property custodian. Classroom and other space is available for both out-of-door and indoor foot drill. Some remodeling is necessary to provide office quarters.

The cost of providing the necessary physical facilities is estimated at \$11,000 for preparation of offices and storerooms and \$2,800 for the purchase of furniture and other equipment.

Aside from the desire of the National Military Establishment for such training in colleges and universities, many of the high schools in Chicago, from which most of the students at Navy Pier come, have junior R.O.T.C. units and their graduates who wish to work for reserve commissions are handicapped in this respect at the Pier.

I recommend that:

1. The Board of Trustees approve this program.
2. An assignment of \$13,800 be made from the Nonrecurring Reserve to provide the facilities.

3. The President of the University be authorized to make such adjustments in the operating budget as may be necessary to activate the program.

On motion of Mr. Herrick, these recommendations were adopted, by the following vote: Aye, Mr. Fornof, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Livingston, Mr. McLaughlin, Dr. Meyer, Mr. Nickell, Mrs. Watkins, Mr. Williamson; no, none; not voting, Governor Stevenson.

CHANGES IN GRADUATE FELLOWSHIP AWARDS

(9) The Dean of the Graduate College presents two recommendations:

Illinois College Fellowship Plan

Since 1908 each of several liberal arts colleges in Illinois has annually been invited to nominate an outstanding senior student as a candidate for a first-year fellowship in the Graduate College at the University of Illinois. Since 1935 these candidates have been on a basis of equal competition with all other applicants; provided that candidates from Illinois colleges whose qualifications are equivalent to those of applicants from institutions outside the state have been given preference in the assignment of scholarships; and provided further that nominees from Illinois colleges who fail in the competition have been awarded scholarships without stipends which carry exemption from tuition, incidental, and laboratory fees.

The Dean of the Graduate College reports that competition among fellowship candidates in general has not, until recent years, been so keen as to exclude from awards more than a few Illinois college nominees. The number of these college nominees who compete successfully with applicants from other institutions has been diminishing to such an extent that the Dean of the Graduate College feels the plan should be reviewed. The plan becomes meaningless when colleges are invited to nominate candidates only to learn that their candidates fail to win awards. However, if the University gave fellowships automatically to candidates on nomination by the colleges, the University would be unfair to other students who are more deserving of fellowship awards.

The Dean, therefore, recommends that the Illinois college nominee plan be discontinued. This does not mean that graduates of Illinois colleges will be eliminated from consideration; they may apply and compete for fellowships along with graduates from other institutions.

Stipends of Post-doctoral and Nonresident Fellowships

Since 1948 the University has been awarding special post-doctoral and nonresident fellowships carrying stipends of \$2,400 a year. This is the lower range of beginning salaries of instructors who have just received their Ph.D. degrees. The general level of stipends of post-doctoral fellowships offered by the National Research Council, the United States Public Health Service, the Atomic Energy Commission, and other agencies is in the range of \$3,000 to \$3,600 a year. This means that the University, with its present scale, is at a disadvantage in competing for the best talent.

The Dean, therefore, recommends that the maximum stipend for special post-doctoral fellowships and for nonresident fellowships be increased from \$2,400 a year to \$3,000 a year, with the understanding (a) that the conditions of award remain as originally specified by the Board of Trustees on February 21, 1948, and (b) that smaller stipends will be granted when this is desirable in view of the circumstances of any particular case.

I concur in these recommendations.

On motion of Dr. Meyer, these recommendations were adopted.

STUDENT ACTIVITIES FEE AT THE CHICAGO UNDERGRADUATE DIVISION

(10) A Student Activities fee of \$4 a semester is charged each student at the Chicago Undergraduate Division. This is to finance student activities programs, including intercollegiate and intramural athletics. The fee covers admission to all home athletic contests.

There is a desire on the part of the students to add football to the list of activities, and general agreement on the part of the University officials concerned that the athletic program at Navy Pier should be expanded in cooperation with the Athletic Association. This will require increasing the fee from \$4 to \$6 a semester. The question of raising the fee was submitted to the students and they voted overwhelmingly in favor of it.

The faculty Committee on Fees and Scholarships recommends approval of this increase.

I concur.

On motion of Mr. Nickell, this increase in fees was authorized.

CONTRACTS FOR CONSTRUCTION OF ANIMAL SCIENCES LABORATORY

(11) Funds are available in the State appropriation to the University for 1949-1951 for "Construction of Animal Science Building." Bids were received on April 6, 1950, for the construction of this building.

It is recommended by the Director of the Physical Plant Department, the Comptroller, and Naess and Murphy, architects for this building, that contracts be awarded to the lowest bidders as follows:

General contract — Sumner S. Sollitt and Company, Chicago.....	\$1 064 240
Plumbing contract — Bellis and Miller, Inc., Champaign.....	171 878
Heating contract — Gallaher and Speck, Inc., Chicago.....	221 810
Ventilation and air conditioning contract — Bloomer Heating and Ventilating Company, Chicago.....	75 855
Refrigeration contract — L. C. Kohlman, Inc., Chicago.....	80 709
Electrical contract — Square Deal Electric Company, LaPorte, Indiana.....	101 880
Elevators — Elevator Manufacturing Company of America, Chicago.....	19 000
Laboratory equipment — Metalab Equipment Corporation, Brooklyn, New York	200 139
<i>Total Recommended Contract Awards.....</i>	<i>\$1 935 511</i>

The recommendations for awards of heating, ventilating and air conditioning, and refrigeration contracts are based on the acceptance of the Johnson Service Company, Chicago, as the subcontractor to furnish temperature controls since theirs is the lowest quotation on this phase of the work and the Company is acceptable to the University.

I submit a complete schedule of all bids received showing the base bids, alternates, and a budget for this building.

I recommend that these contracts be awarded subject to the release of funds by the Governor, and that the Comptroller and the Secretary of the Board be authorized to execute the contracts.

On motion of Mr. McLaughlin, these contracts were awarded and authority was given as recommended.

CONTRACT FOR BOILER REPAIRS IN ABBOTT POWER PLANT

(12) Routine inspection of the boilers at the Abbott Power Plant revealed that there was evidence of impending failure by rupture of lower sidewall water headers. This inspection was supplemented by inspections by the Chief Mechanical Engineer of Sargent and Lundy, Consulting Engineers, Chicago; an inspector from the Lumbermen's Mutual Casualty Company, underwriters of University boiler insurance; and Professor H. L. Walker, Head of the Department of Mining and Metallurgical Engineering. All agree on a program of temporary repairs, with permanent repairs by the replacement of the headers during the summer of 1950, to insure safe operating conditions for the 1950-1951 heating season. The Lumbermen's Mutual Casualty Company requires that the replacement of headers be carried out within six months.

The boilers have been in operation since 1940 and have been given daily maintenance service with a thorough annual inspection and overhaul. There has been no previous indication of failure.

Sargent and Lundy and the Director of the Physical Plant recommend that

repairs be made by replacing the sidewall water headers with forged steel headers of improved design with suitable changes in the circulation system and firing technic.

In as much as the engineering data, details of design, and circulation requirements of the boilers are available only to the Springfield Boiler Company, the manufacturers of the boilers, it is not feasible to secure competition on the re-design recommended, the furnishing of materials and parts, and supervision of repairs. A firm proposal has been received for this part of the repairs from the Springfield Boiler Company in the amount of \$17,710. Bids have been received for the erection work as follows:

Henry Pratt Company, Inc., Chicago.....	\$23 845
Independent Boiler and Tank Company, Chicago.....	26 160
Chicago Down Draft Furnace Company, Chicago.....	38 600

Funds are available in the Physical Plant budget for this repair work.

The Director of the Physical Plant and the Comptroller recommend the award of contracts for \$17,710 to the Springfield Boiler Company and for \$23,845 to the Henry Pratt Company for erection of the new headers.

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

On motion of Mr. Livingston, these awards were made and authority given as recommended.

CONTRACTS FOR EXTENSION OF UTILITIES DISTRIBUTION SYSTEM

(13) The Director of the Physical Plant and the Comptroller recommend award of contracts for the extension of an underground electrical duct to provide electric service to the new six-story building of the Student and Staff Apartments on Green Street and Goodwin Avenue now under construction, as follows:

For furnishing and laying of the duct and providing the electrical cables—	
Square Deal Electric Company, Urbana.....	\$ 865
For excavation, construction of manholes, concrete work, and backfilling—	
Kuhne-Simmons Company, Inc., Chanpaign.....	2 625

The Square Deal Company is the lowest bidder on its division of the work. The Kuhne-Simmons Company, Inc., is the only bidder on the other phase of the work although bids were requested from ten firms. It is the opinion of the architects and Physical Plant Department engineers supervising this construction that in view of the small size of the job and the fact that Kuhne-Simmons Company, Inc., is at present the general contractor for the construction of the building, it will not be possible to secure competitive bids. The Kuhne-Simmons Company, Inc., bid is slightly less per foot than the cost for the same type of work under the contract for the construction of the first six-story building. The price is believed to be fair and reasonable.

I concur and recommend that the Comptroller and the Secretary of the Board execute these contracts.

On motion of Dr. Meyer, these contracts were awarded and authority was given as recommended.

CONTRACT FOR HOT AND COLD WATER PUMPING FACILITIES IN ILLINOIS SURGICAL INSTITUTE

(14) The Director of the Physical Plant and the Comptroller recommend the award of a contract for \$26,900 to the Dearborn Plumbing and Heating Company, Chicago, the lowest bidder, for installation of hot and cold water pumping facilities in the Illinois Surgical Institute (Orthopaedic Building) of the Research and Educational Hospitals. This work will include complete new installation of city water service from Wolcott Street to the Institute and installation of pumps and pressure tanks and hot water heater plus piping and valves.

This is part of the program of modernization and rehabilitation recommended by Holabird and Root in their report on electrical and mechanical survey of the buildings in the Chicago Professional Colleges made in 1945.

Funds are available in the State appropriation for "Construction of Utility Distribution System and Remodeling of Existing Buildings" (in Chicago).

I recommend that the Comptroller and the Secretary of the Board be authorized to execute this contract subject to the release of funds by the Governor.

On motion of Mrs. Watkins, this contract was awarded and authority given as recommended.

**THE COURT DECISION IN THE CASE OF E. C. LEVERENZ
VS. BOARD OF TRUSTEES UNIVERSITY OF ILLINOIS**

(15) The Board of Trustees on November 29, 1949 (Minutes, page 945), authorized the President of the University to employ special counsel in proceedings instituted by the Leverenz Electric Company, Danville, Illinois, in the Circuit Court of Champaign County to secure an additional payment of \$8,785.33 on the contract for electrical work in the construction of the Electrical Engineering Building, and in such other proceedings as may be deemed advisable.

The contractor claimed the payment was due for extra work performed. The University and its architects denied the claim on the ground that the work was included in the original contract specifications. The dispute had previously gone through arbitration proceedings. The arbitrators reported two to one in favor of allowing the claim, but counsel for the University recommended against acceptance of these findings.

Special counsel was engaged and the case was tried. The decision of the Circuit Court, handed down on March 16, 1950, was in favor of the contractor. Counsel for the University recommended that the case be appealed. I did not approve the filing of an appeal. The brief for the University in the trial court was ably prepared and presented, and I felt that because of a technical difference in the specifications the University could not profit through further legal action.

I recommend, therefore, that

1. This claim be paid.
2. The Board authorize the payment of \$1,437.51 to the firm of Craig and Craig, Mattoon, Illinois, special counsel for the University in this case, for legal services and expenses incurred by that firm, as per bill rendered.
3. The Board authorize the payment of \$1,059.67 to the arbitrators for their services and expenses incurred in the arbitration proceedings. There were three arbitrators, one selected by each party and the third by the other two. It was agreed that each party would pay its arbitrator and one-half the fee and expenses of the third.
4. The payment of \$55.35 for court and reporting costs be authorized.
5. An appropriation of \$11,350, or so much thereof as may be necessary, be made from the General Reserve Fund to cover these payments.

On motion of Mr. Nickell, these recommendations were adopted, by the following vote: Aye, Mr. Fornof, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Livingston, Mr. McLaughlin, Dr. Meyer, Mr. Nickell, Mrs. Watkins, Mr. Williamson; no, none; not voting, Governor Stevenson.

**CONTRACT FOR INSTALLATION OF FIRE ESCAPE AT
MCKINLEY HOSPITAL**

(16) The Director of the Physical Plant and the Comptroller recommend the award of a contract for \$5,890 to C. A. Petry and Sons, Champaign, the lowest bidder, for furnishing and erecting a spiral fire escape at the north end of McKinley Hospital in Urbana.

This is part of a fire protection improvement project which also includes enclosure of an elevator shaft in the attic, installation of fire doors between the center and south wings, and installation of a sprinkler system in the storage areas.

Funds are available in the Physical Plant budget.

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

On motion of Dr. Meyer, this award was approved and authority given as recommended.

**RELEASE OF FUNDS FOR BUILDINGS AND OTHER
CAPITAL IMPROVEMENTS**

(17) 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:

"For Permanent Improvements at Urbana-Champaign
Additions to Power and Heating Plant and Remodeling
of Existing Buildings".....\$127 535

Release No. 23

For improvements in the Noyes Laboratory of Chemistry:
To complete installation of fume hoods which will reduce
fire hazards\$ 8 000
To remove existing stairs and to complete installation of
floor extension over the stair well..... 4 535 12 535

Release No. 24

For construction of the building addition and erection of structural steel for the new turbine room of the Abbott Power Plant 115 000

These are partial releases from an appropriation of \$1,215,000 of which \$880,000 has been budgeted for additions to the Power Plant, \$263,500 for remodeling of existing buildings. The Governor has previously released (Release No. 14) \$137,465 for the construction of new stairways in the Noyes Laboratory.

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

On motion of Mr. Livingston, these funds were appropriated as recommended, by the following vote: Aye, Mr. Fornof, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Livingston, Mr. McLaughlin, Dr. Meyer, Mr. Nickell, Mrs. Watkins, Mr. Williamson; no, none; not voting, Governor Stevenson.

SPECIAL APPROPRIATIONS FOR NONRECURRING EXPENDITURES

(18) The Committee on Nonrecurring Appropriations recommends assignments from the General Reserve Fund for the following purposes:

Urbana-Champaign

1. Quonset Building for Aviation Psychology.....	\$35 000
2. Building improvements for the Department of Food Technology.....	28 100
3. Building improvements for the Department of Physics.....	3 500
4. Remodeling of quarters and equipment for the Chemistry Library.....	6 500
5. Remodeling of rooms for the College of Law in Altgeld Hall.....	1 550
6. Laboratory equipment for Department of Geology.....	1 475

Total, Urbana-Champaign.....\$76 125

Chicago Professional Colleges

7. Isotope laboratory equipment and remodeling for the Department of Radiology.....	3 200
8. Hospital laboratory equipment.....	2 000
9. Purchase of radiology equipment for the Department of Radiology.....	432

Total, Chicago Professional Colleges.....\$ 5 632

Grand Total\$81 757

I concur.

On motion of Mr. McLaughlin, these appropriations were made as recommended, by the following vote: Aye, Mr. Fornof, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Livingston, Mr. McLaughlin, Dr. Meyer, Mr. Nickell, Mrs. Watkins, Mr. Williamson; no, none; not voting, Governor Stevenson.

SPECIAL APPROPRIATION OF ATHLETIC ASSOCIATION FUNDS

(19) The Board of Directors of the Athletic Association is submitting to the Board of Trustees for their approval an appropriation of \$30,000 for the construction of a road and a cross connection between the wells of the airport and the golf course.

The road will provide a direct route from the golf course to the airport along the west side of the golf course and the east side of the airport. With this direct route, the airport bus can be used to transport students to the golf course without traveling extra miles. No charge to passengers is made for this service. In view of the benefit of the new road to the Institute of Aviation, no charge will be made to the Athletic Association unless extra trips in addition to the present airport schedules are required.

The road will also be made available for maintenance purposes since both wells will be located close to it.

The cross connection between the wells is desirable to provide for emergencies in the event trouble develops in either of the wells.

These arrangements are recommended by the Director of the Athletic Association, the Director of the Institute of Aviation, and the Comptroller.

I concur.

On motion of Mrs. Watkins, this appropriation was approved.

REVISION OF BY-LAWS OF ATHLETIC ASSOCIATION

(20) The Board of Directors of the University of Illinois Athletic Association has revised its by-laws, and they are submitted to the Board of Trustees for approval.

The revisions are chiefly in the area of business operations. The Comptroller has worked closely with the Athletic Association in preparing the revisions. The changes result in clarification of procedures, particularly in purchasing and contracting, and in reduction of procedures to the minimum necessary to maintain adequate internal check.

I recommend approval of the by-laws as revised.

After discussion, and on motion of Mr. Nickell, this revision was referred to the President and the Comptroller for clarification and presentation at the May meeting.

SALE OF BONDS TO FINANCE CONSTRUCTION OF THE SECOND SIX-STORY BUILDING OF THE STUDENT AND STAFF APARTMENTS AT URBANA

(21) The Finance Committee recommends the sale of \$700,000 of revenue bonds to finance the construction of the second six-story building of the Student and Staff Apartments at Green Street and Goodwin Avenue, Urbana, to Blyth and Company, Chicago, the lowest bidder (in terms of interest rates). Four bids were received, representing nine companies.

The Blyth and Company proposal provides an effective interest rate of 2.5585 per cent. Bonds maturing from 1951 to 1961 will bear interest at the rate of $2\frac{3}{4}$ per cent; bonds maturing from 1962 to 1964 will bear interest at the rate of $2\frac{1}{2}$ per cent; and bonds maturing from 1965 to 1970 will bear interest at the rate of $2\frac{3}{4}$ per cent. Blyth and Company also offer a premium of \$181.30. This Company has proposed that principal and interest be payable at the Chicago Title and Trust Company. The Comptroller reports that Blyth and Company have met all requirements.

Proceeds from the sale of the bonds plus a State appropriation of \$338,000 will provide the \$1,038,000 required for the construction and equipment of the building.

A resolution for adoption by the Board has been prepared by Chapman and Cutler and is presented herewith for approval (see Appendix, page 1101).

On motion of Mr. McLaughlin, this resolution was adopted by the following vote: Aye, Mr. Fornof, Mr. Herrick, Mr. Hickman, Mrs.

Holt, Mr. Livingston, Mr. McLaughlin, Dr. Meyer, Mr. Nickell, Mrs. Watkins, Mr. Williamson; no, none; not voting, Governor Stevenson.

INVESTMENTS

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

Purchases:	<i>Endowment Funds</i>	
U.S.A. Series G 2½% Savings Bonds due 1961.....		\$ 8 000 00
U.S.A. Series G 2½% Savings Bonds due 1962.....		24 000 00
200 shares Deere and Company common stock.....		8 886 17
Sales:		
Two shares Standard Oil of New Jersey capital stock.....		128 43
200 shares Crane Company common stock.....		5 789 27
Exchange:		
\$4,000 U.S.A. Series A 1¼% Savings Bonds due January 1, 1950, for \$4,000		
U.S.A. 1¼% Series A due January 1, 1951.		

Exchange: *Student Loan Funds*
 \$10,000 U.S.A. 1¼% Certificates of Indebtedness Series C due March 1, 1950,
 for \$10,000 U.S.A. 1¼% Treasury Notes due July 1, 1951.

This report was received for record.

TRANSFER OF LAND TO MEDICAL CENTER STEAM COMPANY

(23) On July 28, 1949 (Minutes, page 493), the Board of Trustees authorized the transfer of certain properties to the Medical Center Steam Company, including some parcels of property acquired from the Medical Center Commission for \$1,000 (Minutes, November 29, 1949, page 948).

Four additional lots owned by the Medical Center Commission are required by the Medical Center Steam Company. The Medical Center Commission proposes to transfer the additional lots to the University as a part of the \$1,000 purchase, and authority is required for transfer of the lots from the University to the Medical Center Steam Company.

I recommend the adoption of the following resolution:

RESOLVED: That when the Board of Trustees of the University of Illinois shall acquire the following described real estate, or any parcels thereof, this Board does hereby authorize, empower, and direct the Comptroller and the Secretary of this Board, in the name and on behalf of this Board, to execute and deliver to Medical Center Steam Company, an Illinois corporation, a warranty deed or deeds conveying such real estate, either in whole in a single deed or in parcels from time to time, to such Steam Company, to wit:

Lots 29 and 30 in Block 20 of S. H. Sweet's Re-subdivision of Blocks 18, 19, and 20 of Assessor's Division of the East ½ of the Southeast ¼ of Section 18-39N-14, and

Lots 2 and 3 except West 27 feet thereof owned by Metropolitan Elevated Railway Company in Block 20 of S. H. Sweet's Re-subdivision of Blocks 18, 19, and 20 of Assessor's Division of the East ½ of the Southeast ¼ of Section 18-39N-14.

On motion of Mrs. Holt, this resolution was adopted, by the following vote: Aye, Mr. Fornof, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Livingston, Mr. McLaughlin, Dr. Meyer, Mr. Nickell, Mrs. Watkins, Mr. Williamson; no, none; not voting, Governor Stevenson.

PURCHASES

(24) A report of (A) emergency purchases authorized and (B) purchases recommended (see Appendix, page 1115).

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

COMPTROLLER'S REPORT OF CONTRACTS

(25) The Comptroller's report of contracts executed from March 1 to March 31, 1950 (see Appendix, page 1117).

This report was received for record.

REMODELING OF PART OF PHYSICAL PLANT SERVICE BUILDING

(26) One of the first-priority building needs recommended to the last General Assembly by the Board of Trustees was the remodeling for academic use of the old boiler room which forms part of the Physical Plant Service Building, the former power plant. This item was deleted from the list of capital appropriations finally made.

The need for this space remains acute. It is particularly acute because the addition to the Physics Laboratory, also a first-priority building item, was not included in the capital appropriation.

Because of this continuing need, the University Research Board and the Committee on Nonrecurring Appropriations have continued to seek for a way to remodel for academic use the well-located north campus space available in the old boiler room. On November 19, 1948 (Minutes, page 172), the Board of Trustees authorized the expenditure of up to \$15,000 of the funds appropriated for the electronic digital computer, in connection with the preparation by Holabird and Root and Burgee of Chicago of plans for remodeling.

The first set of plans prepared by the architects involved extensive and costly changes; these were studied and modified to reduce to the functional minimum the changes in the building and the total cost of the project. Mr. Briggs, the University's architectural consultant, has gone over the final plans and has reported to the Committee on Nonrecurring Expenditures that they are satisfactory. Professor Huntington, the Chairman of the University's Building Program Committee, has also studied these plans and given his approval of them. Drawings and specifications have been prepared by the Physical Plant Department; these can be sent out at once with a call for bids, if the Board approves.

Adequate housing of two major programs of graduate instruction and research will be provided by the proposed remodeling. The first of these is a developing program in the physics of the solid state. This is headed by Professor Frederick Seitz, one of the world's leading men in this important field. The fundamental work which he and his colleagues are carrying on is of immediate significance not only to the Department of Physics, but also to every other department of the College of Engineering, since the engineering properties of solid materials are of such wide concern.

The other program which will be housed in the remodeled boiler room is that connected with the electronic digital computer. Three departments — Mathematics, Physics, and Electrical Engineering — are cooperating to carry this work forward, and the computing facilities which it will provide will be of important assistance to every department of the University engaged in work involving numbers. The borrowed space in which the computer project is now housed is already growing inadequate, and will be grossly inadequate when the computer itself is completed and placed in actual use, a few months from now. National attention has already been attracted by the rapid and healthy development of our computer program, and we wish to retain and improve our already strong position in this important field.

The Committee on Nonrecurring Appropriations recommends that approval in principle be given to the project of remodeling for academic use the old boiler room in the Physical Plant Service Building, and that the Physical Plant Department be authorized to call for bids on the work involved. When these have been received and studied by the Physical Plant Department and the Committee on Nonrecurring Appropriations, the matter will again be brought to the Board of Trustees for final action.

1 concur.

On motion of Dr. Meyer, this recommendation was adopted.

CONTRACTS FOR NATURAL HISTORY BUILDING REMODELING

(27) On February 16, 1950 (Minutes, page 995), the Board of Trustees appropriated funds for the remodeling and equipping of the fifth floor of the Natural History Building in Urbana for the Department of Physiology. Bids have been received for the ventilating and air-conditioning work and for the electrical work as follows:

Ventilating and Air-Conditioning Work

Schroeder's, Champaign.....	\$15 925
F. R. Inskip and Co., Champaign.....	16 610

Electrical Work

Brunkow Electric Company, Champaign.....	785
Square Deal Electric, Urbana.....	1 035
Potter Electric Service, Urbana.....	1 299

The Director of the Physical Plant and the Comptroller recommend the award of a contract for \$15,925 to Schroeder's and for \$785 to Brunkow Electric Company, the lowest bidders.

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

On motion of Dr. Meyer, these awards were authorized and authority was given as recommended.

CONTRACT FOR LANDSCAPING

(28) The following bids were received for the necessary grading and seeding work required in the Stadium Terrace area because of the construction of the sanitary sewer and to complete the landscaping of the housing project at Race and Florida:

	<i>Florida Avenue Housing Area</i>	<i>Stadium Terrace Area</i>
Martin Ivey, Urbana.....	\$1 020	\$1 440
Irving L. Peterson, Champaign.....	1 300	1 400
Gundstrom Company, Inc., Glenview.....	1 224	1 547

The Director of the Physical Plant and the Comptroller recommend contracts for the work on the Florida Avenue area be awarded to Martin Ivey for \$1,020 and for the work on the Stadium Terrace area to Irving L. Peterson for \$1,400, the lowest bidders.

Funds are available.

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

On motion of Mrs. Watkins, these awards were authorized and authority was given as recommended.

CONTRACTS FOR REMODELING NOYES LABORATORY

(29) The Board of Trustees on November 29, 1949 (Minutes, page 947), appropriated the sum of \$50,000 for remodeling and equipping the third and fourth floors of Noyes Laboratory for the Bacteriology Department. Bids have been received for the remodeling work. The bids for the general work were received on a cost plus a fixed fee basis. Since this phase of the work included the installation of equipment, the amount of work required could not be known until the equipment had been definitely selected. The addition of equipment to remodeling made it difficult to obtain firm bids on the total project.

On the basis of the bids received, the total estimated cost of the project is revised to \$66,869. The Committee on Nonrecurring Appropriations recommends that an additional appropriation of \$16,869 be made.

The Director of the Physical Plant and the Comptroller recommend that the following contracts be awarded to the lowest bidders in each case:

General work (fixed fee \$1,700; estimated total cost exclusive of fee, \$17,000) — E. N. DeAtley, Champaign.....	\$ 1 700
Plumbing work — Reliable Plumbing and Heating Company, Champaign...	11 262
Ventilating work — Schroeder's, Champaign.....	2 400
Electrical work — Brunkow Electric Company, Champaign.....	3 395

I concur and recommend (1) an appropriation of \$16,869 and (2) that the Comptroller and the Secretary of the Board be authorized to execute the above contracts.

On motion of Mr. Livingston, these recommendations were adopted and authority was given as recommended, by the following vote: Aye, Mr. Fornof, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Livingston, Mr. McLaughlin, Dr. Meyer, Mr. Nickell, Mrs. Watkins, Mr. Williamson; no, none; not voting, Governor Stevenson.

APPROPRIATION AND CONTRACTS FOR MICRO-ANALYTICAL LABORATORY

(30) Present facilities for micro-analysis in the Noyes Laboratory are inadequate. The room used for this purpose is in the west half of Noyes Laboratory which is subject to severe vibration from trucks on Mathews Avenue. Accurate use of the micro-balances requires freedom from vibration. In addition, the air-conditioning system has for many years caused difficulties and there have been numerous breakdowns during periods of heavy work. The service work of the micro-analytical laboratory has increased to such an extent that it has been necessary to send to commercial laboratories many of the analyses that could otherwise be done by the University.

It is proposed to remodel Rooms 151 and 154 of Noyes Laboratory and to install an air-conditioning system to maintain the rooms at 75 degrees F. temperature and at 55 degrees relative humidity.

Bids have been received for this project indicating that the work can be completed for \$19,830. The Committee on Nonrecurring Appropriations has reviewed this and recommends an appropriation of this amount.

The Director of the Physical Plant and the Comptroller recommend the award of contracts to the lowest bidders in each case as follows:

General work — C. H. Siems, Urbana.....	\$3 950
Plumbing, heating, and other piping work — J. L. Robinson, Champaign....	4 200
Air-conditioning work — Schroeder's, Champaign.....	7 265
Electrical work — Brunkow Electric Company, Champaign.....	815

I concur and recommend (1) an appropriation of \$19,830 for this purpose and (2) request that the Comptroller and the Secretary of the Board be authorized to execute these contracts as recommended.

On motion of Mrs. Holt, these recommendations were adopted and authority was given as recommended, by the following vote: Aye, Mr. Fornof, Mr. Herrick, Mr. Hickman, Mrs. Holt, Mr. Livingston, Mr. McLaughlin, Dr. Meyer, Mr. Nickell, Mrs. Watkins, Mr. Williamson; no, none; not voting, Governor Stevenson.

FUNK FOREST NATURAL AREA

(31) On September 29, 1949 (Minutes, page 815), the Board of Trustees authorized acquisition, partly through purchase but largely through gifts, of a tract of 63.5 acres of virgin forest land in McLean County. Acquisition of this land has been consummated.

This tract is of great scientific interest to biologists. It is a fine example of the timber which nature through the centuries developed in central Illinois. As such, its preservation by the University fits into a world-wide plan of biologists to maintain for scientific study representative tracts of undisturbed timberland. It affords biologists in Illinois a unique opportunity to study prairie-grove forest.

The property is valued at \$30,000. The land, valued at \$5,000, was given by the owners — four members of the Funk family. Largely through the efforts of Mr. Eugene Funk, Jr., an alumnus of the University, other members of the Funk family gave \$15,000 toward the purchase. This sum was given through the Illini Achievement Fund. For members of the Funk family the establishment of the Funk Forest Natural Area serves as a memorial to their pioneer ancestor, Isaac Funk, who settled in central Illinois in 1823 and who acquired the original patent from the

federal government in 1833. Five thousand dollars was given by the University of Illinois Foundation. The remaining \$5,000 was appropriated by the University of Illinois Board of Trustees.

Access to the area from Route 66 will be provided by a strip of land three-quarters of a mile long and sixty feet wide to be deeded to the University as a separate gift.

Since the area is to remain in its natural state, the only major items of expense in this development will be for a woven-wire farm fence around the sixty-three-acre tract and along the right-of-way from the east, and the construction of a small suspension foot bridge.

Acquisition of this land had its beginning a year ago when Professor J. Nelson Spaeth, Head of the Department of Forestry at the University, was near this area while inspecting a maple grove owned and operated by Mrs. Hazel Funk Holmes, wife of Dr. Henry W. Holmes, Dean-Emeritus of the College of Education of Harvard University. Mrs. Holmes hoped that a large part of the original Funk timber tract might be preserved. Professor Spaeth and Mr. William H. Butterfield, Manager of the University of Illinois Foundation, carried on negotiations on behalf of the University.

I recommend that the tract be officially designated Funk Forest Natural Area of the University of Illinois and that the Board of Trustees adopt a resolution recording its appreciation of the generosity of the Funk family.

A list of donors follows (see Appendix, page 1118).

Resolution

The Board of Trustees of the University of Illinois records herewith its appreciation of the public-spirited generosity of the members of the Funk family whose donations of property and funds have made possible the acquisition by the University of the Funk Forest Natural Area in McLean County.

This forestry will be a living museum of natural history, a field laboratory for biological scientists and a state treasure—the last remnant of virgin prairie-grove timberland. For members of the Funk family it will be a memorial to a pioneer ancestry.

The Board directs its Secretary to send a copy of this resolution to each of the donors.

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

CONTRACT FOR REMODELING OF TICE CLINIC FOR THE INSTITUTION FOR TUBERCULOSIS RESEARCH

(32) The Vice-President in charge of the Chicago Professional Colleges, the Director of the Physical Plant, and the Comptroller recommend award of a contract for \$2,677 to the C. W. Haynes Company, Chicago, the lowest bidder, for remodeling of quarters in the Cook County Hospital for the Institution for Tuberculosis Research.

The Sixty-sixth General Assembly of Illinois established the Institution for Tuberculosis Research and appropriated funds for the production, distribution, and application of the bacillus Calmette-Guerin (BCG), and other methods and materials for the prevention of tuberculosis and for conducting research in tuberculosis.

Before the National Institute of Health will grant a license for the manufacture of the BCG vaccine, it is necessary that the office and manufacturing areas be separated. This remodeling will make it possible for the Institution for Tuberculosis Research to provide the sterile areas required for the manufacture of the BCG vaccine.

Funds are available in the State appropriation to the Institution for Tuberculosis Research.

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

On motion of Dr. Meyer, this award was approved and authority was given as recommended.

VOCATIONAL AGRICULTURE

(33) A statement on the matter of the training of teachers of vocational agriculture.

On motion of Mr. McLaughlin, the President of the Board was authorized to communicate the following statement to the State Board on Vocational Education.

On two previous occasions, in 1939 and 1947, the Board of Trustees of the University of Illinois has taken official cognizance of proposals to establish Smith-Hughes teacher-training programs in agriculture in State institutions other than the University of Illinois. It came to the attention of the Board of Trustees at its meeting on April 19, 1950, that the State Board for Vocational Education will soon take action on the application of the Illinois State Normal University for the approval of a program of teacher training in vocational agriculture in order to qualify for federal funds. The Board of Trustees directed me to protest against such approval on the ground that it will result in unnecessary duplication of educational facilities and of public expense. It should not be overlooked that each dollar of federal funds received must be matched by a dollar of state funds.

The University of Illinois has been training teachers of vocational agriculture under the Smith-Hughes program since it was established in 1917. The University of Illinois has ample facilities to meet all demands for teachers of vocational agriculture. The priority of the University in this field, however, is a secondary consideration. The real public issue is: Does the state of Illinois need additional facilities to meet the needs of the high schools for such teachers?

The facts speak for themselves. There are at present 489 teachers of vocational agriculture under the Smith-Hughes program in the high schools of Illinois. The average tenure of service is about eight years. The largest number of replacements in any one year was fifty-four. The University of Illinois will this year graduate 102 students who will be qualified to teach vocational agriculture under the Smith-Hughes requirements.

In 1945 a Commission of the General Assembly to survey higher educational facilities in Illinois had a study made of the preparation of teachers of vocational agriculture. The Commission's report to the General Assembly included a recommendation that the State Board for Vocational Education approve no institution other than the University of Illinois for the preparation of teachers of vocational agriculture. The general pattern throughout the country is that the preparation of Smith-Hughes teachers of vocational agriculture is a function of the land-grant college. A healthy competition is assured among these numerous colleges.

If some of the Smith-Hughes graduates of the University of Illinois are going into other lines of work it is due, in part, to the surplus of teachers in the specialty of vocational agriculture. There is not now a demand, nor is there likely to be a demand, for more teachers of vocational agriculture than can be supplied by the University of Illinois. The shortage of well-prepared teachers lies elsewhere.

COOK COUNTY SCHOOL OF NURSING

(34) A request from Dr. Ivy that Grant Hospital be added to the list of affiliates with the Cook County School of Nursing.

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

CASE OF JESSIE TAYLOR VS. BOARD OF TRUSTEES

(35) As authorized by the Board of Trustees on February 16, 1950 (Minutes, page 989), Mr. Joseph H. Hinshaw of the law firm of Hinshaw and Culbertson, Chicago, was employed as special counsel for the University in the complaint filed in the Court of Claims by Jessie Taylor against the Board of Trustees of the University of Illinois claiming damages for alleged negligence and malpractice by the staff of the Department of Operative Dentistry.

The case came up for a hearing before the Court Commissioner in Chicago on April 4. After the Claimant had testified, Counsel for the University filed a

motion to dismiss the case. On April 18 the Court of Claims dismissed the case for "want of prosecution."

This report was received for record.

LETTER FROM ROGER ADAMS

President Williamson read the following letter from Professor Roger Adams.

*Mr. Kenney E. Williamson
606 Lehmann Building
Peoria 2, Illinois*

March 20, 1950

DEAR MR. WILLIAMSON:

The Testimonial of Appreciation which Mr. Harrison E. Cunningham delivered to me on behalf of the Board of Trustees is a scroll of unusual workmanship and great beauty. Its words of Greetings and Congratulations coming from the Trustees of the University will always mean much to me.

What I may have accomplished in science and in the administration of the Chemistry Department or other organizations, I owe in large measure to the encouragement I have received from the University Administrative Officers and the Board of Trustees and to their constant support since my arrival on the campus in 1916. My thirty-four years here have been filled with pleasure and satisfaction and I feel fortunate in being associated with the University of Illinois.

Will you kindly extend to the Board my sincerest thanks and appreciation.

Cordially yours,

ROGER ADAMS

TREASURER'S REPORT

The Secretary presented for record the report of the Treasurer for the period from March 1, 1949, to February 28, 1950 (see Appendix, page 1119).

SECRETARY'S REPORTS

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

1. Appointments made by the President of the University (page 1086).
2. Adjustments in salary in the Library (page 1088).
3. Graduate fellows (page 1089).
4. Resignations, declinations, and terminations (page 1096).
5. Leaves of absence (page 1097).

RESOLUTION OF THANKS TO GOVERNOR STEVENSON

On motion of Mr. Livingston, the Secretary was directed to transmit to Governor Stevenson an expression of the appreciation of the Board for his generous hospitality.

The Board adjourned, to meet at the University on Friday and Saturday, May 19 and 20.

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.)

- BORTON, REBECCA K., Research Instructor, Veterinary Physiology and Pharmacology (Veterinary Medicine), and in the Agricultural Experiment Station, five months beginning April 1, 1950, \$4000 a year (3-22-50).
- CLARK, GEORGE L., Assistant, Electrical Engineering (C) ($\frac{1}{2}$), February 1-June 15, 1950, \$133.33 a month, and Special Research Assistant, Electrical Engineering (S) ($\frac{1}{2}$), seven months beginning February 1, 1950, \$137.50 a month, supersedes (3-14-50).
- COMPTON, MARION E., Instructor, Home Economics (C), Nurse, Nursery School (Division of Special Services for War Veterans), six months beginning March 1, 1950, \$3600 a year, supersedes (3-31-50).
- CONNOLLY, HUGH H., Instructor, Civil Engineering (C), academic year beginning September 1, 1950, \$4500 (4-10-50).
- CONSOLAZIO, CARLO F., Research Associate, Physiology, one year beginning September 1, 1950, \$5500 (3-16-50).
- DAYTON, DANIEL F., First Assistant, Plant Breeding (Horticulture) (S), one year beginning September 1, 1950, \$3900 (3-30-50).
- DEMPSEY, ELWOOD J., Adjutant, Military, December 1, 1949—until further notice, \$500 a year (3-31-50).
- DOWLING, H. W., Professor, Preventive Medicine and Public Health, and Head of the Department (Medicine), indefinite tenure beginning June 1, 1950, \$12,000 a year (3-30-50).
- EATON, RICHARD C., Instructor, Animal Science (C & S) ($\frac{3}{4}$), one year beginning September 1, 1950, \$3300 (3-30-50).
- FELLMANN, JEROME D., Instructor, Geography, academic year beginning September 1, 1950, \$4000 (3-22-50).
- FREUD, BENJAMIN B., Visiting Professor, Physical Sciences (Undergraduate Division in Chicago) ($\frac{3}{4}$), five months beginning February 1, 1950, to render service during the second semester of the academic year, \$450 a month (3-18-50).
- GREENWALD, ARTHUR L., Instructor, Humanities (Undergraduate Division in Chicago) ($\frac{3}{4}$), five months beginning February 1, 1950, to render service during the second semester of the academic year, \$225 a month (3-18-50).
- GRIFFIN, EDWARD G., Instructor, Crowns and Fixed Partial Dentures (Dentistry) ($\frac{3}{10}$), March 6-August 31, 1950, \$900 a year (3-18-50).
- GROSS, DOROTHY A., Assistant, Institute of Aviation, six months beginning March 1, 1950, \$2900 a year, supersedes (3-18-50).
- GUNSALUS, I. C., Professor, Bacteriology, indefinite tenure beginning September 1, 1950, to render service during each academic year, \$9500 a year (3-30-50).
- HALE, WILLIAM H., Instructor, Animal Science (C & S), April 15-August 31, 1950, \$375 a month (3-22-50).
- HATCH, MELTON A., Professor, Military Science and Tactics, and Coordinating Officer of R.O.T.C. Components, six months beginning March 1, 1950, \$900 a year (3-31-50).
- HICKMAN, CHARLES A., Professor, Economics (Economics), and Research Professor of Economics (Bureau of Economic and Business Research), one year beginning September 1, 1950, \$8500 (3-31-50).
- IMPASTATO, FRANK, Assistant, Surgery (Medicine), six months beginning March 1, 1950, without salary (3-22-50).
- KARK, ROBERT M., Professor, Medicine (Medicine), indefinite tenure beginning July 1, 1950, \$10,000 a year, supersedes (3-21-50).
- KISSELGOFF, AVRAM, Research Associate, Bureau of Economic and Business Research, March 7-July 1, 1950 or until termination of the Merrill Project, whichever is earlier, \$487.50 a month, supersedes (3-22-50).
- KREBS, W. H., Manager, Residence Halls, one year beginning September 1, 1949, \$5508, supersedes (3-31-50).
- KYONKA, JOSEPH C., Special Research Assistant, Ceramic Engineering (S), one year beginning April 15, 1950, \$4000 (4-6-50).

- LATHAM, ORA F., Instructor, Mathematics (Undergraduate Division in Chicago), five months beginning February 1, 1950, to render service during the second semester of the academic year, \$425 a month (3-18-50).
- LAUGHLIN, JOHN S., Assistant Professor, Radiology (Medicine), six months beginning March 1, 1950, \$8000 a year, supersedes (3-16-50).
- LEVY, SAUL, Instructor, Applied Materia Medica and Therapeutics ($\frac{2}{3}$), and Coordinator, Postgraduate Studies (35/100) (Dentistry), five months beginning April 1, 1950, \$3375 a year, supersedes (3-30-50).
- LOBRAICO, ROCCO V., JR., Instructor, Obstetrics and Gynecology (Medicine) ($\frac{3}{4}$), March 12, 1950-March 31, 1951, \$3000 a year (3-18-50).
- LURIA, S. E., Research Professor, Bacteriology (Graduate College), indefinite tenure beginning September 1, 1950, to render service during each academic year, \$8000 a year (3-30-50).
- MAEDA, EDITH M., Assistant, Occupational Therapy (Psychiatry) (Medicine), six months beginning March 1, 1950, \$3300 a year (3-22-50).
- MAXWELL, CHARLES L., Assistant Professor, Hygiene, and Medical Adviser for Men, Health Service, July 1, 1950-August 31, 1951, \$7200 a year (3-16-50).
- MERRILL, W. M., Instructor, Geology, academic year beginning September 1, 1950, \$3800 (3-22-50).
- MOHR, MRS. ELIZABETH B., Research Assistant, Chemistry (Graduate College), March 16-May 31, 1950, \$750 (4-10-50).
- MULVANEY, DERRELD L., Assistant, Soil Fertility (Agronomy) (S), six months beginning March 1, 1950, \$3200 a year (3-14-50).
- NELSON, G. K., Instructor, Accountancy (Business Organization and Operation) ($\frac{1}{2}$), six months beginning March 1, 1950, to render service during the second semester of the academic year, \$825, supersedes (3-14-50).
- NELSON, LLOYD P., Instructor, Institute of Aviation, February 23-August 31, 1950, \$4200 a year, supersedes (3-21-50).
- NEUMANN, ALVIN L., Associate Professor, Animal Science (C & S), July 1, 1950-August 31, 1951, \$6200 a year (4-10-50).
- NORTON, HORACE W., Professor, Agricultural Statistics (S), indefinite tenure beginning September 1, 1950, \$8000 a year (3-22-50).
- PAGE, MRS. JANET L., Assistant, Animal Nutrition (Animal Science) (S), five months beginning April 1, 1950, \$266.67 a month (3-22-50).
- PAUL, KATHARINE H., Scientific Artist, Zoology, two months beginning June 16, 1950, \$809 (3-30-50).
- PETERSON, JOHN W., Assistant, Ophthalmology (Medicine), one year beginning September 1, 1949, without salary (4-10-50).
- RANZ, WILLIAM E., Research Associate, Chemical Engineering (S), six months beginning March 1, 1950, \$5200 a year (3-14-50).
- RHEUMER, MRS. JOAN A., Special Research Assistant, Soil Fertility (Agronomy) (S), March 16-August 31, 1950, \$250 a month (3-30-50).
- ROSCOE, S. N., Special Research Associate, Psychology, February 15-June 30, 1950, \$400 a month, supersedes (4-6-50).
- RUNEY, J. B., Bibliographer, with rank of Instructor, Library, six months beginning March 1, 1950, \$3900 a year (3-14-50).
- SARGENT, FREDERICK, II, Assistant Professor, Physiology, academic year beginning September 1, 1950, \$4500 (3-16-50).
- SEYMOUR, ROBERT G., Instructor, Marketing (Business Organization and Operation) ($\frac{1}{2}$), and Assistant to the Director, Business Management Service ($\frac{1}{2}$), six months beginning March 1, 1950, \$2800, supersedes (3-18-50).
- SMITH, C. OTIS, Instructor, Obstetrics and Gynecology (Medicine) ($\frac{1}{2}$), six months beginning March 1, 1950, \$1600 a year, supersedes (3-18-50).
- SMITH, JANICE M., Professor, Nutrition (Home Economics), and Head of the Department (C & S), indefinite tenure beginning April 1, 1950, \$9000 a year, supersedes (3-14-50).
- STEINBERG, MRS. ESTHER, Research Assistant, Bureau of Economic and Business Research, February 13-August 31, 1950, \$2700 a year (3-14-50).
- STONE, ELIZABETH, Electroencephalographer, Psychiatry (Medicine), five months beginning April 1, 1950, \$250 a month, supersedes (3-30-50).
- TAYLOR, SAMUEL G., III, Assistant Professor, Medicine (Medicine) ($\frac{1}{2}$), March 12, 1950-March 31, 1951, \$3000 a year (3-18-50).

- THOMPSON, R. H., Instructor, Education ($\frac{1}{2}$), six months beginning March 1, 1950, to render service during the second semester of the academic year, \$800, supersedes (3-14-50).
- TOWNSEND, VERNA K., Assistant, Spanish, February 1-June 15, 1950, \$1200, supersedes (3-14-50).
- TREMAINE, MYRON J., Clinical Assistant, Surgery (Medicine), six months beginning March 1, 1950, without salary (3-18-50).
- TWIST, JANE E., Research Assistant, Chemistry (Graduate College), April 1-September 15, 1950, \$1457.50 (3-30-50).
- WAINWRIGHT, WILLIAM W., Professor, Radiology, and Head of the Department (Dentistry), one year beginning September 1, 1950, \$8000 (3-30-50).

ADJUSTMENTS OF SALARIES IN THE LIBRARY

The Provost, acting for the President, on March 2, 1950, approved the following salary adjustments in the University Library on account of Y status, effective as of September 1, 1949.

<i>Administration</i>	<i>Salary Approved</i>		<i>Salary Approved</i>
A. H. Trotier.....	\$8 000	Lellia S. McLaughlin.....	3 660
A. M. McAnally.....	7 200	Irma L. Swank.....	3 660
Josie B. Houchens.....	6 800	Alice M. Cooper.....	3 660
		Jean A. Stockdale.....	3 330
		Dorothy M. Short.....	3 330
<i>Acquisitions</i>		<i>Circulation</i>	
G. B. Brown.....	6 100	W. S. Yenawine.....	5 800
Helen M. Welch.....	4 880	Helen T. Stewart.....	4 500
Alma DeJordy.....	4 160	Cecilia McCarthy.....	3 760
Anne Marinelli.....	4 000		
R. K. Johnson.....	3 660	<i>Departmental Libraries</i>	
Evelyn M. Rogier.....	3 660	L. E. Bamber.....	6 110
Elizabeth P. Knowles.....	3 660	D. A. Brown.....	4 880
Alice J. Appell.....	3 660	Nelle M. Signor.....	4 400
Kathleen M. Ruckman.....	4 100	Fina C. Ott.....	3 760
Maurine Collins.....	3 900	Hilda J. Alseth.....	5 000
E. A. Forrest, Jr.....	3 660	Florence M. Harding.....	4 000
Mary Roberts.....	3 330	Cerilla E. Saylor.....	4 880
Lucy K. Rumble.....	4 100	Mary A. Vance.....	3 760
Frances P. Saunders.....	3 250	Bernita J. Davies.....	5 000
<i>Binding</i>		E. S. Warrick.....	3 760
Avis A. Ball.....	4 200	Eva F. Benton.....	3 760
Margaret J. Lokke.....	3 900	Ruth T. Power.....	4 200
Naomi C. Ellis.....	3 130	Isabelle F. Grant.....	4 400
<i>Catalog</i>		Sylvia C. Gilmore.....	3 660
Margaret Oldfather.....	5 560	Betty J. Fawver.....	3 460
Marian Harman.....	5 000	Eleanor Blum.....	3 660
Esther W. Anell.....	4 880	Theo Nelson.....	3 660
Cleo Lichtenberger.....	4 880	Marjorie Schaeve.....	5 000
C. U. Faye.....	4 880	Joseph Allen.....	5 000
Rebecca Briggs.....	4 200	Virginia Shirley.....	3 260
May Smith.....	3 900	Icko Iben.....	4 400
Edith C. Jones.....	3 900	<i>Reference</i>	
Clarissa O. Lewis.....	3 900	Fanny Dunlap.....	5 500
Edith M. Marshall.....	3 900	Dorothy M. Black.....	4 900
Janet B. Munnis.....	3 900	Barbara Bitting.....	3 900
Floweree Heckert.....	3 900	Ida F. Robertson.....	3 760
Louise F. Lodge.....	3 900		
Alice L. Boyd.....	3 750	<i>Chicago Professional</i>	
Georgia R. Coffin.....	3 800	Wilma Troxel.....	5 440
James Ranz.....	3 800	Margaret M. Bates.....	4 260
Elizabeth R. Bantz.....	3 760	Lorena Clarke.....	4 260
Meta M. Sexton.....	3 660		

	<i>Salary Approved</i>		<i>Salary Approved</i>
Dorothea M. Wheeler.....	3 840	Jane S. Strable.....	3 900
Elsie Bergland.....	3 780	Elaine C. Simpson.....	3 660
<i>Chicago Undergraduate</i>		<i>Library School</i>	
D. K. Maxfield.....	5 900	A. H. Lancour.....	8 200
R. B. Harness.....	4 260	Ruth H. Rockwood.....	3 660

GRADUATE FELLOWS

(The following appointments were made by the President of the University on March 20, 1950, except where otherwise indicated in parenthesis.)

URBANA DEPARTMENTS

Accountancy

DEMARIS, EDWIN J., Fellow, nine months beginning September 16, 1950, \$850.
 HILDRETH, DALTON L., Fellow, nine months beginning September 16, 1950, \$700.
 LEVENSON, SAMUEL D., Fellow, nine months beginning September 16, 1950, \$700.
 SOPHIAN, LEONARD, Fellow, nine months beginning September 16, 1950, \$700.

Agricultural Economics

DEXTER, KEITH, Booth Fellow, nine months beginning September 16, 1950, \$700 (3-28-50).
 FITZGERALD, WILLIAM L., Fellow, nine months beginning September 16, 1950, \$1000.
 HISCOCKS, GEOFFREY A., Booth Fellow, nine months beginning September 16, 1950, \$850 (3-28-50).
 KAO, RICHARD CHIEN-WEN, Fellow, nine months beginning September 16, 1950, \$850.
 OBAL, THADDEUS, J., Harry G. and Harriette A. Wright Fellow, nine months beginning September 16, 1950, \$1000 (3-28-50).
 SCHAEVE, CHARLES M., Harry G. and Harriette A. Wright Fellow, nine months beginning September 16, 1950, \$700 (3-28-50).
 STACK, THOMAS N., Fellow, nine months beginning September 16, 1950, \$700.

Agronomy

JONES, JESS W., Fellow, nine months beginning September 16, 1950, \$850.
 RENNIE, WAYLAND W., Fellow, nine months beginning September 16, 1950, \$700.

Animal Science

BROWN, PAUL B., Harry G. and Harriette A. Wright Fellow, nine months beginning September 16, 1950, \$1000 (4-6-50).
 DRAPER, HAROLD H., Fellow, September 16, 1950-January 31, 1951, \$425, February 1-June 15, 1951, \$500.
 GLISTA, WALTER A., Fellow, nine months beginning September 16, 1950, \$1000.
 JOHNSON, VERLIN K., Harry G. and Harriette A. Wright Fellow, nine months beginning September 16, 1950, \$1000 (4-6-50).
 KAMMLADE, WILLIAM G., JR., Harry G. and Harriette A. Wright Fellow, nine months beginning September 16, 1950, \$1000 (4-6-50).
 NESHEIM, ROBERT O., Fellow, nine months beginning September 16, 1950, \$1000.
 PFANDER, WILLIAM H., Fellow, nine months beginning September 16, 1950, \$1000.

Bacteriology

HIRSCH, HERBERT M., Fellow, nine months beginning September 16, 1950, \$1000.
 TAYLOR, BABETTE, Post-doctoral Fellow, nine months beginning September 16, 1950, \$2700 (4-10-50).

Botany

ALEXANDER, DENTON E., Post-doctoral Fellow, nine months beginning September 16, 1950, \$2400 (3-30-50).
 NEELY, FLORENCE E., Fellow, nine months beginning September 16, 1950, \$1000.
 REINHART, JUSTIN H., Fellow, nine months beginning September 16, 1950, \$1000.

Ceramic Engineering

HERRON, ROBERT H., Fellow, nine months beginning September 16, 1950, \$700.

Chemical Engineering

ACRIVOS, ANDREW, Fellow, nine months beginning September 16, 1950, \$700.

BABB, ALBERT L., Fellow, nine months beginning September 16, 1950, \$1000.

BLOSSER, LLOYD G., Fellow, September 16, 1950-January 31, 1951, \$500.

CASKEY, FRANKLIN E., Fellow, nine months beginning September 16, 1950, \$850.

CHIANG, SHIH-NGANG, Fellow, nine months beginning September 16, 1950, \$850.

ECKERT, ROGER E., Fellow, September 16, 1950-January 31, 1951, \$500.

HAYWARD, JAMES C., JR., Fellow, nine months beginning September 16, 1950, \$700.

REINSCH, ARTHUR J., Fellow, September 16, 1950-January 31, 1951, \$350, February 1-June 15, 1951, \$425.

ROSE, WILLIAM E., Fellow, nine months beginning September 16, 1950, \$850.

TUNG, LU-HO, Honorary Fellow, February 1-June 15, 1950, without stipendium and tuition exemption, supersedes (3-14-50).

Chemistry

ACKER, DONALD S., Standard Oil Company of Indiana Fellow, nine months beginning September 16, 1950, \$1200.

BLOMSTROM, DALE C., Cincinnati Chemical Works Fellow, nine months beginning September 16, 1950, \$1000 (3-28-50).

BRASURE, DONALD E., Fellow, nine months beginning September 16, 1950, \$850.

CHILDERS, CLIFFORD W., Firestone Tire and Rubber Company Fellow, nine months beginning September 16, 1950, \$1500 (4-10-50).

CHU, CHIA-CHEN, Fellow, September 16, 1950-January 31, 1951, \$500.

COLDREN, CLARKE L., E. I. DuPont de Nemours and Company Fellow, nine months beginning September 16, 1950, \$1800.

COLGROVE, RICHARD S., Fellow, nine months beginning September 16, 1950, \$850.

CRIPPS, HARRY N., Monsanto Chemical Company Fellow, nine months beginning September 16, 1950, \$1200.

DEWALT, HARRY A., JR., E. I. DuPont de Nemours and Company Fellow, February 1-June 15, 1950, \$900, supersedes (4-10-50).

DEWEY, HELEN E., Fellow, nine months beginning September 16, 1950, \$850.

DOREMUS, ROBERT H., Fellow, nine months beginning September 16, 1950, \$850.

DRYSDALE, JOHN J., Fellow, nine months beginning September 16, 1950, \$850.

EILAR, KENDRICK R., Post-doctoral Fellow, three months beginning June 1, 1950, \$600 (3-30-50).

ELSLAGER, EDWARD F., Fellow, September 16, 1950-January 31, 1951, \$500.

EMMONS, WILLIAM D., Socony-Vacuum Oil Company Fellow, nine months beginning September 16, 1950, \$1500.

FIGUERAS, JOHN, JR., Fellow, nine months beginning September 16, 1950, \$850.

FISCHER, RUDOLPH F., E. I. DuPont de Nemours and Company Fellow, nine months beginning September 16, 1950, \$1800.

FOSTER, ROBERT L., Fellow, nine months beginning September 16, 1950, \$1000.

FRANK, ANDREW J., Fellow, nine months beginning September 16, 1950, \$1000.

FULLER, GLENN, Fellow, nine months beginning September 16, 1950, \$850 (4-4-50).

GASH, VIRGIL, Fellow, nine months beginning September 16, 1950, \$850.

GELLER, HENRY C., Minnesota Mining and Manufacturing Company Fellow, nine months beginning September 16, 1950, \$1200.

GILLETTE, JACK M., Fellow, nine months beginning September 16, 1950, \$1000 (4-5-50).

GORDON, MILTON P., Upjohn Company Fellow, nine months beginning September 16, 1950, \$1500.

GORDON, MILTON P., Upjohn Company Fellow, one year beginning September 1, 1950, \$1500, supersedes (4-5-50).

HALLADA, DONALD P., Fellow, nine months beginning September 16, 1950, \$1000.

HALSTED, JANE A., Fellow, nine months beginning September 16, 1950, \$700.

HAMMANN, WILLIAM C., Rohm and Haas Company Fellow, nine months beginning September 16, 1950, \$1200.

HAUSERMAN, FRANK B., Allied Chemical and Dye Corporation Fellow, nine months beginning September 16, 1950, \$1200.

WINNICK, CHARLES N., Eastman Kodak Company Fellow, nine months beginning September 16, 1950, \$1200.

WRIGHT, JOHN C., Fellow, nine months beginning September 16, 1950, \$1000.

WUEST, WILLYS D., Fellow, nine months beginning September 16, 1950, \$700.

Civil Engineering

BOND, JOHN H., JR., Fellow, nine months beginning September 16, 1950, \$700.

CHAN, SAI-PAK, Fellow, nine months beginning September 16, 1950, \$850.

MA, HSIEN N., Fellow, nine months beginning September 16, 1950, \$1000.

MADDOCK, THOMAS S., Fellow, nine months beginning September 16, 1950, \$700.

MCMANUS, RALPH N., Fellow, nine months beginning September 16, 1950, \$1000.

ROSENBLUETH, EMILIO, Fellow, nine months beginning September 16, 1950, \$1000.

SIMS, JAMES R., Fellow, nine months beginning September 16, 1950, \$850.

SUAREZ, MARIO G., Fellow, nine months beginning September 16, 1950, \$850.

SUNDIN, HJALMAR S. P., Fellow, nine months beginning September 16, 1950, \$1000.

Classics

DALE, WILLIAM A., Fellow, nine months beginning September 16, 1950, \$850.

Economics

CROSS, BETTY L., Fellow, nine months beginning September 16, 1950, \$850.

GUTMANN, PETER M., Fellow, nine months beginning September 16, 1950, \$700.

ISENBERG, EUGENE M., Fellow, nine months beginning September 16, 1950, \$700 (3-31-50).

LOH, ARTHUR T. Y., Fellow, February 1-June 15, 1950, \$350, supersedes (3-31-50).

LOH, ARTHUR T. Y., Fellow, nine months beginning September 16, 1950, \$1000.

ROSENBERG, NATHAN, Fellow, nine months beginning September 16, 1950, \$700.

SAGAN, JOHN, JR., Fellow, nine months beginning September 16, 1950, \$1000.

WENDT, ROGERS H., Fellow, nine months beginning September 16, 1950, without stipendium.

WENZLAU, THOMAS E., Fellow, nine months beginning September 16, 1950, \$700.

Education

GRIBANOVSKY, VIOLA L., Fellow, nine months beginning September 16, 1950, \$1000.

LAWDER, HAROLD L., Scholar, nine months beginning September 16, 1950, without stipendium (4-5-50).

MOLINARO, LEO A., Fellow, nine months beginning September 16, 1950, \$1000.

NOPER, ALICE J., Fellow, nine months beginning September 16, 1950, without stipendium.

Electrical Engineering

CASLER, MAX S., Fellow, nine months beginning September 16, 1950, \$700.

HAJIC, EARL J., Fellow, nine months beginning September 16, 1950, \$700.

JOHNSON, ROBERT R., Fellow, nine months beginning September 16, 1950, \$700.

KANG, CHI L., Fellow, nine months beginning September 16, 1950, \$1000.

KERR, JAMES S. S., Westinghouse Fellow, nine months beginning September 16, 1950, \$1000.

KUDLICH, ROBERT A., Fellow, nine months beginning September 16, 1950, \$700.

LO, YUEN T., Fellow, nine months beginning September 16, 1950, \$1000.

NAYLOR, THOMAS K., Fellow, nine months beginning September 16, 1950, \$850.

PENTECOST, EUGENE E., Fellow, nine months beginning September 16, 1950, \$700.

RAGSDALE, ROBERT G., JR., Fellow, nine months beginning September 16, 1950, \$700.

SCHWARZ, EDWARD W., Galvin Fellow, nine months beginning September 16, 1950, \$750.

SHAHBENDER, RABAH A. E. R., Fellow, nine months beginning September 16, 1950, \$1000.

TANG, YAU C., Fellow, nine months beginning September 16, 1950, \$850.

English

BEATY, JEROME, Fellow, nine months beginning September 16, 1950, \$850.

BRENNAN, JOSEPH X., Fellow, nine months beginning September 16, 1950, \$850.

- FERGUSON, OLIVER W., Fellow, nine months beginning September 16, 1950, \$850.
 FROST, ORCUTT W., JR., Fellow, nine months beginning September 16, 1950, \$850.
 KUHN, ALBERT J., Fellow, nine months beginning September 16, 1950, \$700.
 POLSON, ALMA I., Fellow, nine months beginning September 16, 1950, without stipendium.
 SCHWEGAL, DOUGLAS M., Fellow, nine months beginning September 16, 1950, without stipendium.
 THOMAS, WALTER K., Fellow, nine months beginning September 16, 1950, \$700.
 WHEELER, NANCY L., Fellow, nine months beginning September 16, 1950, \$700.

Entomology

- ROBACK, SELWYN S., Fellow, nine months beginning September 16, 1950, \$1000.
 VINSON, EDDIE B., Fellow, September 16, 1950-January 31, 1951, \$425, February 1-June 15, 1951, \$500.

French

- GORDEN, JEANNE, Fellow, nine months beginning September 16, 1950, \$700.
 SAINATI, EDWARD, Fellow, nine months beginning September 16, 1950, \$700.

Geography

- BECHT, J. EDWIN, Fellow, nine months beginning September 16, 1950, \$1000.
 LAUBENFELS, DAVID J. DE, Fellow, nine months beginning September 16, 1950, \$850.

Geology

- HARRISON, JACK E., Fellow, nine months beginning September 16, 1950, \$1000.
 MURRAY, HAYDN H., Illinois Clay Products Company Fellow, nine months beginning September 16, 1950, \$1500 (4-4-50).
 RHODES, FRANK H. T., Post-doctoral Fellow, nine months beginning September 16, 1950, \$2400 (3-30-50).
 SHAYER, ROBERT H., Shell Oil Company Fellow, nine months beginning September 16, 1950, \$1200 (3-28-50).

German

- ARMOUR, GRACE L., Fellow, nine months beginning September 16, 1950, \$1000.
 CRICHTON, MARY C., Fellow, nine months beginning September 16, 1950, \$850.
 DINSDALE, CAROL L., Fellow, nine months beginning September 16, 1950, \$700.
 HUBKA, BETTY R., Fellow, nine months beginning September 16, 1950, \$850.
 MRACEK, GEORGENE, Fellow, nine months beginning September 16, 1950, \$700.

History

- BOREN, HENRY C., Fellow, nine months beginning September 16, 1950, \$850.
 CARLSON, EARLAND I., Fellow, nine months beginning September 16, 1950, \$850.
 CHARLES, SEARLE F., Kendrick C. Babcock Fellow, nine months beginning September 16, 1950, \$1000.
 DURAN, JAMES A., JR., Fellow, nine months beginning September 16, 1950, \$700.
 NAUERT, CHARLES G., JR., Fellow, nine months beginning September 16, 1950, \$700.
 RIGNEY, ELEANOR, Fellow, nine months beginning September 16, 1950, \$700.

Journalism

- HAGAN, AUDREY N., Fellow, nine months beginning September 16, 1950, without stipendium.

Library Science

- JACKSON, WILLIAM V., Fellow, nine months beginning September 16, 1950, \$850.
 KESTER, MARTHA, Fellow, nine months beginning September 16, 1950, \$700.

Marketing

- JACOBS, SANFORD, Fellow, nine months beginning September 16, 1950, \$700.

Mathematics

- BESACK, PAUL R. P., Fellow, nine months beginning September 16, 1950, \$700.
 CONRAD, PAUL F., Fellow, nine months beginning September 16, 1950, \$1000.
 FELDMAN, JACOB, Fellow, nine months beginning September 16, 1950, \$700.

- FORBES, JACK E., Scholar, nine months beginning September 16, 1950, without stipendium (3-28-50).
 HEISLER, JOHN E., JR., Fellow, nine months beginning September 16, 1950, \$850.
 HOWARD, LOUIS N., Fellow, nine months beginning September 16, 1950, \$700.
 LEGER, GEORGE F., JR., Fellow, nine months beginning September 16, 1950, \$1000.
 MILLER, NORMAN H., Fellow, nine months beginning September 16, 1950, without stipendium.
 NELSON, ROBERT C., Fellow, nine months beginning September 16, 1950, without stipendium.
 PRIEST, RICHARD E., Fellow, nine months beginning September 16, 1950, \$700.
 ROSEN, WILLIAM G., Fellow, nine months beginning September 16, 1950, \$1000.
 SULLIVAN, DONALD L., Fellow, nine months beginning September 16, 1950, \$850.
 THIMSEN, CALVIN D., Fellow, nine months beginning September 16, 1950, \$700.
 TIERNEY, AGNES M., Fellow, nine months beginning September 16, 1950, without stipendium.
 YEN, TI, Fellow, nine months beginning September 16, 1950, \$850.

Mechanical Engineering

- BARTHEL, HAROLD O., Fellow, nine months beginning September 16, 1950, \$700.
 KAMAT, GANPAT J., Fellow, nine months beginning September 16, 1950, \$1000.
 OSMAN, MARTIN S., Eastman Kodak Company Fellow, nine months beginning September 16, 1950, \$700.
 VOELZ, RICHARD T., Eastman Kodak Company Fellow, nine months beginning September 16, 1950, \$750.
 YEN, SHEE M., Fellow, nine months beginning September 16, 1950, \$1000.

Music

- FINDLEY, BARBARA F., Fellow, nine months beginning September 16, 1950, without stipendium.
 GERLE, ROBERT, Fellow, March 24-June 30, 1950, \$235 (3-24-50).
 JOHNSON, NORMAN K., Fellow, nine months beginning September 16, 1950, \$700.
 PETERSON, CATHERINE L., Fellow, nine months beginning September 16, 1950, \$700.
 STEPHENSON, DOROTHY L., Fellow, nine months beginning September 16, 1950, \$700.
 WERNER, KENT, Fellow, nine months beginning September 16, 1950, without stipendium.

Philosophy

- HAWORTH, LAWRENCE L., Fellow, nine months beginning September 16, 1950, \$850.

Physical Education

- GREEN, THOMAS J., Fellow, nine months beginning September 16, 1950, without stipendium.

Physico-Chemical Biology

- TESSMAN, MRS. ETHEL S., Fellow, nine months beginning September 16, 1950, \$700.

Physics

- ASCHENBRENNER, FRANK A., Fellow, nine months beginning September 16, 1950, \$700.
 BEAN, CHARLES P., Fellow, nine months beginning September 16, 1950, \$1000.
 BENDEL, WARREN L., Fellow, nine months beginning September 16, 1950, \$1000.
 BLOOM, MYER, Fellow, nine months beginning September 16, 1950, \$850.
 BOLOTEN, MARTIN, Fellow, nine months beginning September 16, 1950, \$850.
 BROWN, ROLLIN L., Fellow, nine months beginning September 16, 1950, \$700.
 EYMAN, EARL D., Fellow, nine months beginning September 16, 1950, \$850.
 FRIEDMAN, MARVIN H., Fellow, nine months beginning September 16, 1950, \$1000.
 HAFFNER, JAMES W., Fellow, nine months beginning September 16, 1950, \$700.
 HINES, COLIN O., Fellow, nine months beginning September 16, 1950, \$850.
 HOLCOMB, DONALD F., Fellow, nine months beginning September 16, 1950, \$850.
 HOUSTON, BLAND B., JR., Fellow, nine months beginning September 16, 1950, \$850.
 KALOS, MALVIN H., Fellow, nine months beginning September 16, 1950, \$1000.
 KERMAN, RALPH O., Fellow, nine months beginning September 16, 1950, \$1000.
 KROMHOUT, ROBERT A., Fellow, nine months beginning September 16, 1950, \$1000.

- LEURGANS, PAUL J., Fellow, nine months beginning September 16, 1950, \$850.
 MACDONALD, WILLIAM M., Fellow, nine months beginning September 16, 1950, \$700.
 MCGEE, PAUL R., Fellow, nine months beginning September 16, 1950, without stipendium.
 RAYNE, JOHN A., Fellow, nine months beginning September 16, 1950, \$700.
 ROBINSON, WILLIAM H., Fellow, nine months beginning September 16, 1950, \$700.
 SALZMAN, GEORGE, Fellow, nine months beginning September 16, 1950, \$850.
 SCOTT, MERRILL B., Fellow, nine months beginning September 16, 1950, \$1000.
 SEGALL, BENJAMIN, Fellow, nine months beginning September 16, 1950, \$1000.
 SHERK, PETER M., Fellow, nine months beginning September 16, 1950, \$1000.

Physiology

- DOGGETT, VIRGINIA C., Fellow, nine months beginning September 16, 1950, \$850.

Political Science

- BLOCK, WILLIAM J., Fellow, nine months beginning September 16, 1950, \$1000.
 GRAHAM, CHARLES J., Fellow, nine months beginning September 16, 1950, \$700.
 HARDENBERGH, WILLIAM S., Fellow, nine months beginning September 16, 1950, \$700.
 KENNEY, DAVID T., Kendric C. Babcock Fellow, nine months beginning September 16, 1950, \$1000.
 MAWHINNEY, EUGENE A., Fellow, nine months beginning September 16, 1950, \$1000.
 NEUBER, FRANK W., Fellow, nine months beginning September 16, 1950, \$850.
 PENNIMAN, CLARA, Fellow, nine months beginning September 16, 1950, \$850.
 POPPINGA, JULIUS E., Fellow, nine months beginning September 16, 1950, without stipendium.
 VEITCH, WILLIAM A., Fellow, nine months beginning September 16, 1950, without stipendium.

Psychology

- ADELSON, MARVIN, Fellow, nine months beginning September 16, 1950, \$1000.
 NAKAMURA, CHARLES Y., Fellow, nine months beginning September 16, 1950, \$700.
 SOLOMON, LARRY N., Fellow, nine months beginning September 16, 1950, \$700.
 UEHLING, EDWARD R., Fellow, nine months beginning September 16, 1950, \$700.

Social Science

- JONES, FAUSTINE C. C., Fellow, nine months beginning September 16, 1950, \$700.
 THOMPSON, WILLIAM R., Fellow, nine months beginning September 16, 1950, \$700.

Sociology

- SIMPSON, RICHARD L., Fellow, nine months beginning September 16, 1950, \$700.

Spanish

- HARDY, WILMA J., Fellow, nine months beginning September 16, 1950, \$700.
 LINDELL, PHYLLIS ANN, Fellow, nine months beginning September 16, 1950, without stipendium.

Speech

- FOOTE, JAILALA J., Fellow, nine months beginning September 16, 1950, \$700.
 HUNTINGTON, DOROTHY A., Fellow, nine months beginning September 16, 1950, \$850.
 MAGNON, LUCILLE M., Fellow, nine months beginning September 16, 1950, \$700.

Theoretical and Applied Mechanics

- BENJAMIN, ROLAND J., Fellow, nine months beginning September 16, 1950, \$700.

Zoology

- MCCLELLAN, JOHN F., Fellow, nine months beginning September 16, 1950, \$1000.
 ROBERTSON, WILLIAM B., Fellow, nine months beginning September 16, 1950, \$1000.
 WEISE, CHARLES M., Fellow, nine months beginning September 16, 1950, \$700.

CHICAGO PROFESSIONAL COLLEGES

Dentistry

- BOLDEN, THEODORE E., Fellow, one year beginning September 1, 1950, \$1800 (3-30-50).
 HENRY, JOSEPH L., Fellow, one year beginning July 1, 1950, \$1800 (3-30-50).
 WILLIAMS, BENJAMIN H., Fellow, one year beginning July 1, 1950, \$1800 (3-30-50).

Medicine

- ASHLEY, CHARLES A., Fellow, one year beginning July 1, 1950, \$2400 (3-30-50).
 AYER, JOHN P., Fellow, one year beginning September 1, 1950, \$2400 (3-30-50).
 LARY, BANNING G., Fellow, one year beginning July 1, 1950, \$1800 (3-30-50).
 NELSON, KENNETH O., Fellow, one year beginning July 1, 1950, \$1800 (3-30-50).
 NOVOTNY, ALBERT J., Fellow, one year beginning July 1, 1950, \$1800 (3-30-50).
 SANNER, FERN A. R., Fellow, March 1-August 31, 1950, \$900 (2-28-50).

Pharmacy

- RAMASWAMI, DASU, Fellow, one year beginning July 1, 1950, \$1200 (3-30-50).
 RUBIN, MELVIN, Fellow, one year beginning September 1, 1950, \$1200 (3-30-50).

RESIGNATIONS, DECLINATIONS, AND TERMINATIONS

- ASCHENBRENNER, FRANK A., Fellow, Physics — declination effective 9-16-50.
 BEESACK, PAUL R. P., Fellow, Mathematics — declination effective 9-16-50.
 BENDEL, WARREN L., Fellow, Physics — declination effective 9-16-50.
 BROWN, ROLLIN L., Fellow, Physics — declination effective 9-16-50.
 CASLER, MAX S., Fellow, Electrical Engineering — declination effective 9-16-50.
 CRICHTON, MARY C., Fellow, German — declination effective 9-16-50.
 CRISSEY, LOIS L., Law Library Assistant — resignation effective 4-18-50.
 FINDLEY, BARBARA F., Fellow, Music — declination effective 9-16-50.
 GUTMANN, PETER M., Fellow, Economics — declination effective 9-16-50.
 HALSTED, JANE A., Fellow, Chemistry — declination effective 9-16-50.
 HAMILTON, MRS. BARBARA C., Assistant, Animal Nutrition (Animal Science) (S) — resignation effective 5-31-50.
 HARDY, WILMA J., Fellow, Spanish — declination effective 9-16-50.
 HAYWARD, JAMES C., JR., Fellow, Chemical Engineering — declination effective 9-16-50.
 HINES, COLIN O., Fellow, Physics — declination effective 9-16-50.
 HINES, DONALD B., Fellow, Chemistry — declination effective 9-16-50.
 HOFF, RICHARD W., Fellow, Chemistry — declination effective 9-16-50.
 HOLCOMB, DONALD F., Fellow, Physics — declination effective 9-16-50.
 HOWARD, LOUIS N., Fellow, Mathematics — declination effective 9-16-50.
 ISENBERG, EUGENE M., Fellow, Economics — declination effective 9-16-50.
 JOHNSON, NORMAN K., Fellow, Music — declination effective 9-16-50.
 KIELY, JAMES P., Instructor, Physiology (Medicine) — resignation effective 6-30-50.
 KUDLICH, ROBERT A., Fellow, Electrical Engineering — declination effective 9-16-50.
 KUHN, ALBERT J., Fellow, English — declination effective 9-16-50.
 LAST, JULES H., Assistant Professor, Pharmacology (Medicine) — resignation effective 8-31-50.
 LEE, ZUR-KONG, Special Research Associate, Civil Engineering (S) — resignation effective 3-16-50.
 LEIVA, JOSE O., United States Public Health Service Research Fellow, Orthodontia (Dentistry) — resignation effective 3-1-50.
 LINDELL, PHYLLIS A., Fellow, Spanish — declination effective 9-16-50.
 MADDOCK, THOMAS S., Fellow, Civil Engineering — declination effective 9-16-50.
 MARSH, HAROLD, JR., Assistant Professor, Law — resignation effective 9-1-50.
 NAKAMURA, CHARLES Y., Fellow, Psychology — declination effective 9-16-50.
 NAYLOR, THOMAS K., Fellow, Electrical Engineering — declination effective 9-16-50.
 PENNIMAN, CLARA, Fellow, Political Science — declination effective 9-16-50.
 PENTECOST, EUGENE E., Fellow, Electrical Engineering — declination effective 9-16-50.
 PENZL, HERBERT, Assistant Professor, German — resignation effective 9-1-50.

- POPPINGA, JULIUS E., Fellow, Political Science — declination effective 9-16-50.
 PRIEST, RICHARD E., Fellow, Mathematics — declination effective 9-16-50.
 RAGSDALE, ROBERT G., JR., Fellow, Electrical Engineering — declination effective 9-16-50.
 RENNIE, WAYLAND W., Fellow, Agronomy — declination effective 9-16-50.
 ROSENBERG, NATHAN, Fellow, Economics — declination effective 9-16-50.
 SELZ, PETER H., Instructor, Art (Undergraduate Division in Chicago) — resignation effective 3-1-50.
 SOPHIAN, LEONARD, Fellow, Accountancy — declination effective 9-16-50.
 STROHL, DONA R., Assistant, English — resignation effective 2-1-50.
 SUN, KING-SANG, Fellow, Civil Engineering — termination effective 3-15-50.
 TAYLOR, MRS. SADIE W., Assistant, Animal Nutrition (Animal Science) (S) — resignation effective 4-30-50.
 THIMSEN, CALVIN D., Fellow, Mathematics — declination effective 9-16-50.
 THOMAS, WALTER K., Fellow, English — declination effective 9-16-50.
 UEHLING, EDWARD R., Fellow, Psychology — declination effective 9-16-50.
 VEITCH, WILLIAM A., Fellow, Political Science — declination effective 9-16-50.
 WEST, CHARLES A., Fellow, Chemistry — declination effective 9-16-50.
 WILSON, GRACE R., Assistant Professor, Music — resignation effective 4-1-50.
 WUEST, WILLYS D., Fellow, Chemistry — declination effective 9-16-50.

LEAVES OF ABSENCE

- BEARD, J. HOWARD, University Health Officer, and Professor, Hygiene, and Head of the Department of Health Service — leave of absence, with salary, March 22-September 1, 1950.
 CHASE, MARY L., Associate Professor, Home Economics, and Assistant State Leader (E) — leave of absence, with salary, December 8, 1949-June 8, 1950.
 HARRELL, T. W., Associate Professor, Psychology — leave of absence, without salary, September 1, 1950-August 31, 1951.
 HAYWARD, H. N., Associate Professor, Electrical Engineering (C), and Director, Measurement Program (S) — leave of absence, with salary, February 1-July 31, 1950.
 LONGACRE, ANDREW, Associate Professor, Physics (C) — leave of absence, without salary, March 18, 1950-September 1, 1951.

GRADUATE CURRICULA AT URBANA-CHAMPAIGN

Geography

This is a reorganization of the curriculum leading to the degrees of Master of Arts or Master of Science, and an extension of that program to the degree of Doctor of Philosophy in Geography.

Admission requirements: (1) General regulations governing admission of all graduate students; (2) at least eighteen hours of undergraduate work in geography in addition to a beginning course.

Degree requirements:

For the master's degree: (1) General regulations established by the Graduate College; (2) students offering a thesis in partial fulfillment of the requirements for this degree must sustain an oral examination over the thesis and the general field of geography; (3) students who waive the thesis must sustain a written examination over the general field of geography.

For the doctor's degree: (1) General regulations with respect to residence, credit, language proficiencies, and preliminary and final examinations; (2) an acceptable thesis.

Physiology

This is a reorganization of the curriculum leading to the degrees of Master of Science and Doctor of Philosophy in Physiology. Graduate work in this area heretofore was administered by the Department of Zoology and Physiology. A curriculum leading to the master's degree in physiology had been established and in a few cases the doctor's degree had been awarded with the approval of the Graduate College although no formal program leading to such a degree has been approved.

Admission requirements: (1) General requirements governing admission of all graduate students; (2) approximately fifteen hours of biology and twenty hours of chemistry.

Degree requirements:

For the master's degree: (1) General requirements of the Graduate College; (2) at least four units of graduate work in physiology or closely related subjects; (3) at least two units representing an outside minor.

For the doctor's degree: (1) General requirements of the Graduate College with respect to residence, credit, minor work, and preliminary and final examinations; (2) an acceptable thesis.

GRADUATE CURRICULA IN THE CHICAGO PROFESSIONAL COLLEGES

DENTISTRY

Master of Science in Histology

This program is designed to provide graduate training for dental teachers and for investigators in the basic sciences related to dentistry.

Admission requirements: (1) General requirements governing admission of all graduate students; (2) D.D.S. from fully accredited institution. (In special cases, a dental student who has not yet received his D.D.S. degree may be accepted for graduate work in this area providing his scholastic average is B or better.)

Degree requirements: (1) One full year in residence; (2) nine units of work, including four units of research; (3) an acceptable thesis, plus a comprehensive examination.

Master of Science in Orthodontia

This curriculum is devised to train men for teaching and research in orthodontia.

Admission requirements: (1) General requirements governing admission of all graduate students; (2) D.D.S. degree from fully accredited institution; (3) three quarters of organized postgraduate program in orthodontia.

Degree requirements: (1) One full year in residence; (2) nine units of work, including four units of research; (3) an acceptable thesis, plus a comprehensive examination.

Master of Science in Oral Surgery

The purpose of this program is to train teachers and research workers in the field of oral surgery.

Admission requirements: (1) General requirements governing admission of all graduate students; (2) D.D.S. or M.D. degree from fully accepted institution; (3) three quarters of organized postgraduate work in oral surgery.

Degree requirements: (1) One full year in residence; (2) nine units of work, including four units of research; (3) an acceptable thesis.

Master of Science in Pedodontics

The purpose of this program is to train teachers and research workers in the field of pedodontics.

Admission requirements: (1) General requirements governing admission of all graduate students; (2) D.D.S. degree from fully accredited institution; (3) three quarters of organized postgraduate program in pedodontics.

Degree requirements: (1) One full year in residence; (2) nine units of work, including four units of research; (3) an acceptable thesis, plus a comprehensive examination.

MEDICINE AND PHARMACY

Master of Science and Doctor of Philosophy in Anatomy

This program is designed to train teachers for colleges of medicine and to stimulate and develop research in the basic medical sciences.

Admission requirements: (1) General requirements governing admission of all graduate students; (2) premedical training in the fundamental basic sciences.

Degree requirements:

For the master's degree: (1) One full year in residence; (2) nine units of

work, including four units of research; (3) an acceptable thesis, plus a comprehensive examination.

For the doctor's degree: (1) General regulations with respect to residence, credit, language proficiencies, and preliminary and final examinations; (2) an acceptable thesis.

Master of Science and Doctor of Philosophy in Bacteriology

This curriculum is intended to train students for future careers in medical research and teaching, in the fundamentals and applied technique in diagnostic work and investigators suitable for research positions in industry.

Admission requirements: General requirements governing admission of all graduate students.

Degree requirements:

For the master's degree: (1) One full year in residence; (2) nine units of work, including four units of research; (3) an acceptable thesis, plus a comprehensive examination.

For the doctor's degree: (1) General regulations with respect to residence, credit, language proficiencies and preliminary and final examination; (2) an acceptable thesis.

Master of Science and Doctor of Philosophy in Biological Chemistry

This program is designed to train teachers of the subject for colleges of medicine, dentistry, and pharmacy.

Admission requirements: General requirements governing admission of all graduate students.

Degree requirements:

For the master's degree: (1) One full year in residence; (2) nine units of work, including four units of research; (3) an acceptable thesis, plus a comprehensive examination.

For the doctor's degree: (1) General regulations with respect to residence, credit, language proficiencies and preliminary and final examinations; (2) an acceptable thesis.

Master of Science in Medicine

This program is devised to train students for a keener approach to the theory and practice of medicine by emphasis on the basic sciences, to provide experience in research method in the clinical field and to develop clinical teachers.

Admission requirements: (1) General requirements governing admission of all graduate students; (2) an M.D. degree. (Medical students who have received the bachelor's degree will be permitted to take graduate work in medicine. In such cases the graduate degree will not be awarded before the M.D.)

Degree requirements: (1) One full year in residence; (2) nine units of work, including four units of research; (3) an acceptable thesis, plus a comprehensive examination.

Master of Science in Obstetrics and Gynecology

This curriculum is devised to train investigators and teachers for medical colleges and to stimulate a keener scientific approach to the practice of the specialty of obstetrics and gynecology.

Admission requirements: (1) General requirements of the Graduate College; (2) an M.D. degree.

Degree requirements: (1) One full year in residence; (2) nine units of work, including four units of research; (3) an acceptable thesis, plus a comprehensive examination.

Master of Science in Ophthalmology

This curriculum is designed for the student who is interested in pursuing investigational phases relating to the eye.

Admission requirements: (1) General requirements governing admission of all graduate students; (2) an M.D. degree; (3) one year of postgraduate work or residency in ophthalmology.

Degree requirements: (1) One full year in residence; (2) nine units of work,

including four units of research; (3) an acceptable thesis, plus a comprehensive examination.

Master of Science and Doctor of Philosophy in Pathology

This program is designed to provide advanced study of the mechanisms of pathogenesis of functional and structural expressions of disease.

Admission requirements: (1) General requirements governing admission of all graduate students; (2) completion of undergraduate medical basic science courses, including general and special pathology in Class A medical or dental schools, or (3) completion of medical courses in microscopic anatomy, biochemistry, and physiology (Anatomy 404-405, Biological Chemistry 301, Physiology 324, 325, 326 or equivalent).

Degree requirements:

For the master's degree: (1) One full year in residence; (2) nine units of work, including four units of research; (3) an acceptable thesis, plus a comprehensive examination.

For the doctor's degree: (1) General regulations with respect to residence, credit, language proficiencies and preliminary and final examinations; (2) an acceptable thesis.

Master of Science and Doctor of Philosophy in Pharmaceutical Chemistry

This curriculum constitutes a necessary part of a program for the creative advancement of rational medication in the health sciences.

Admission requirements: (1) General regulations governing admission of all graduate students; (2) B.S. in Pharmacy from accredited institution.

Degree requirements:

For the master's degree: (1) One full year in residence; (2) nine units of work, including four units of research; (3) an acceptable thesis, plus a comprehensive examination.

For the doctor's degree: (1) General regulations with respect to residence, credit, language proficiencies and preliminary and final examinations; (2) an acceptable thesis.

Master of Science and Doctor of Philosophy in Pharmacognosy

This program is designed to train teachers and research workers in the field of pharmacognosy and in colleges of pharmacy.

Admission requirements: (1) General requirements governing admission of all graduate students.

Degree requirements:

For the master's degree: (1) One full year in residence; (2) nine units of work, including four units of research; (3) an acceptable thesis, plus a comprehensive examination.

For the doctor's degree: (1) General regulations with respect to residence, credit, language proficiencies and preliminary and final examinations; (2) an acceptable thesis.

Master of Science and Doctor of Philosophy in Pharmacology

The purpose of this program is to train teachers of pharmacology in colleges of medicine, dentistry, and pharmacy, and to stimulate research efforts in this field.

Admission requirements: General requirements governing admission of all graduate students.

Degree requirements:

For the master's degree: (1) One full year in residence; (2) nine units of work, including four units of research; (3) an acceptable thesis, plus a comprehensive examination.

For the doctor's degree: (1) General regulations with respect to residence, credit, language proficiencies and preliminary and final examinations; (2) an acceptable thesis.

Master of Science in Physical Medicine and Rehabilitation

The aim and objective of this curriculum is to train future investigators and teachers in the field of psychiatrics.

Admission requirements: (1) General regulations of the Graduate College; (2) an M.D. degree.

Degree requirements: (1) One full year in residence; (2) nine units of work, including four units of research; (3) an acceptable thesis, plus a comprehensive examination.

Master of Science and Doctor of Philosophy in Physiology

The objective of this curriculum is to train physicians in the application of basic science to the practice of medicine and to train persons seeking a career in medical research and teaching in the basic medical sciences.

Admission requirements: General requirements governing admission of all graduate students.

Degree requirements:

For the master's degree: (1) One full year in residence; (2) nine units of work, including four units of research; (3) an acceptable thesis, plus a comprehensive examination.

For the doctor's degree: (1) General regulations with respect to residence, credit, language proficiencies and preliminary and final examinations; (2) an acceptable thesis.

Master of Science in Radiology

The aim of this curriculum is to stimulate research in the field and to develop critical investigators and intelligent teachers in this field.

Admission requirements: (1) General requirements of the Graduate College; (2) an M.D. degree. (In exceptional cases, an advanced medical student will be permitted to take graduate work in radiology in conjunction with his medical studies. In such cases the graduate degree will not be awarded before the M.D.)

Degree requirements: (1) One full year in residence; (2) nine units of work, including four units of research; (3) an acceptable thesis, plus a comprehensive examination.

Master of Science and Doctor of Philosophy in Surgery

This program is designed to bring the student into contact with scientific phases of surgery by studying methods of correction of malnutrition in surgical diseases, complications in post-operative care and related other phases. The scope of this program lies in the area of the basic sciences. Surgical technique is not involved.

Admission requirements: (1) General requirements governing admission of all graduate students; (2) an M.D. degree. (A medical student with two years of training will be permitted to take graduate work in surgery. In such cases the graduate degree will not be awarded before the M.D.)

Degree requirements:

For the master's degree: (1) One full year in residence; (2) nine units of work, including four units of research; (3) an acceptable thesis, plus a comprehensive examination.

For the doctor's degree: (1) General regulations with respect to residence, credit, language proficiencies and preliminary and final examinations; (2) an acceptable thesis.

**RESOLUTION AUTHORIZING THE ISSUANCE OF \$700,000
STUDENT-STAFF APARTMENT (SECOND UNIT)
REVENUE BONDS**

RESOLUTION authorizing and providing for the issue of \$700,000 Student-Staff Apartments (Second Unit) Revenue Bonds for the purpose of defraying part of the cost of constructing the second unit of Student-Staff Apartments located on Green Street in Urbana, Illinois, prescribing all the details of said bonds, and providing for the collection, segregation and distribution of the revenues of the said Student-Staff Apartments (Second Unit), 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, com-

plete, 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, 1945, 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 student-staff apartments (second unit) payable solely from the revenues derived from the operation thereof; and

WHEREAS the Sixty-fifth and Sixty-sixth General Assemblies of the State of Illinois appropriated the sum of \$338,000 applicable to the construction of a second unit of student-staff apartments and responsive to said appropriations this Board of Trustees has heretofore acquired the property located on Green Street, in the City of Urbana, Illinois, and described as follows:

Situated in the State of Illinois, County of Champaign, and City of Urbana, in the west half of the Northeast Quarter (NE $\frac{1}{4}$) of the Northeast Quarter (NE $\frac{1}{4}$) of Section Eighteen (18) in Township Nineteen North (T19N), Range Nine East (R9E) of the Third Principal Meridian and being known as parts of Lots Eleven (11) and Twelve (12) of the W. M. Goodwin's Addition to the City of Urbana as recorded in Deed Book Twenty-four (24), Page Five Hundred Eighty-two (582), of the records of said County and also being sometimes referred to as Lots at the Southeast Corner of Green Street and Goodwin Avenue, Urbana, Illinois, and being more fully bounded and described as follows:

Beginning at an iron pin in the south property line of Green Street, said iron pin being two hundred eight and seventy-five hundredths (208.75) feet distant in an easterly direction from the intersection of the east property line of Goodwin Avenue and the south property line of Green Street; thence easterly along the south property line of Green Street, a distance of ninety and twenty-five hundredths (90.25) feet to an iron pin; thence in a southerly direction along a line parallel to the east property line of Goodwin Avenue, a distance of three hundred thirty-five and fifty-two hundredths (335.52) feet to an iron pin; thence in a westerly direction, a distance of one hundred and two hundredths (100.02) feet to an iron pin; thence in a northerly direction along a line parallel to the east property line of Goodwin Avenue, a distance of one hundred sixty-four and thirteen hundredths (164.13) feet to an iron pin; thence in an easterly direction and at ninety degrees (90°) to the preceding course, a distance of nine and seventy-three hundredths (9.73) feet to an iron pin; thence in a northerly direction and at ninety-degrees (90°) to the preceding course and parallel to the east property line of Goodwin Avenue, a distance of one hundred seventy and five tenths (170.5) feet to the place of beginning, containing seven hundred and thirty-one thousandths (0.731) of an acre, more or less, but subject to all legal highways.

and contracts have been let for the construction and equipment of said facilities, 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 said student-staff apartments (second unit) upon said above described property located on Green Street in the City of Urbana, Illinois, complete with all equipment, will aggregate the sum of \$1,038,000; 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 \$700,000 to complete the construction thereof and fully equip said student-staff apartments (second unit); and

WHEREAS in order to produce the additional \$700,000 necessary for the completion and equipment of said student-staff apartments (second unit) located on the property hereinabove described on Green Street, 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 \$700,000 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 \$700,000 to complete the construction of and to fully equip the student-staff apartments (second unit) located on the property described in the preambles of this resolution on Green Street, in the City of Urbana, Illinois, and in evidence thereof issue its revenue bonds in the principal amount of \$700,000.

SECTION 2. That said bonds shall be designated "Student-Staff Apartments (Second Unit) Revenue Bonds," be numbered 1 to 700, inclusive, be of the denomination of \$1,000 each, be dated May 1, 1950, bonds numbered 1 to 345, inclusive, to bear interest at the rate of two and one-fourth per cent ($2\frac{1}{4}\%$) per annum, bonds numbered 346 to 462, inclusive, to bear interest at the rate of two and one-half per cent ($2\frac{1}{2}\%$) per annum, and bonds numbered 463 to 700, inclusive, to bear interest at the rate of two and three-fourths per cent ($2\frac{3}{4}\%$) per annum, interest payable October 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>
\$13,000	1- 13 incl	April 1, 1951
14,000	14- 27 "	October 1, 1951
14,000	28- 41 "	April 1, 1952
14,000	42- 55 "	October 1, 1952
14,000	56- 69 "	April 1, 1953
14,000	70- 83 "	October 1, 1953
15,000	84- 98 "	April 1, 1954
15,000	99-113 "	October 1, 1954
15,000	114-128 "	April 1, 1955
15,000	129-143 "	October 1, 1955
15,000	144-158 "	April 1, 1956
16,000	159-174 "	October 1, 1956
16,000	175-190 "	April 1, 1957
16,000	191-206 "	October 1, 1957
16,000	207-222 "	April 1, 1958
17,000	223-239 "	October 1, 1958
17,000	240-256 "	April 1, 1959
17,000	257-273 "	October 1, 1959
18,000	274-291 "	April 1, 1960
18,000	292-309 "	October 1, 1960
18,000	310-327 "	April 1, 1961
18,000	328-345 "	October 1, 1961
19,000	346-364 "	April 1, 1962
19,000	365-383 "	October 1, 1962
19,000	384-402 "	April 1, 1963
20,000	403-422 "	October 1, 1963
20,000	423-442 "	April 1, 1964
20,000	443-462 "	October 1, 1964
20,000	463-482 "	April 1, 1965
20,000	483-502 "	October 1, 1965
21,000	503-523 "	April 1, 1966
21,000	524-544 "	October 1, 1966
21,000	545-565 "	April 1, 1967
22,000	566-587 "	October 1, 1967
22,000	588-609 "	April 1, 1968
22,000	610-631 "	October 1, 1968
23,000	632-654 "	April 1, 1969
23,000	655-677 "	October 1, 1969
23,000	678-700 "	April 1, 1970

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 April 1, 1953, and up to and including October 1, 1954, at par and accrued interest and a premium of two per cent (2%) of the principal amount thereof, and

a premium of one and one-half per cent (1½%) of the principal amount thereof if redeemed on April 1, 1955, or on any interest payment date thereafter up to and including October 1, 1958, and a premium of one per cent (1%) of the principal amount thereof if redeemed on April 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 Chicago and State of Illinois; 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 anytime 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

STUDENT-STAFF APARTMENTS (SECOND UNIT) REVENUE BOND

Number \$1,000.

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 October 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 Chicago Title and Trust Company, in the City of Chicago and State of Illinois.

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," 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 the Student-Staff Apartments (Second Unit) located on Green Street, in the City of Urbana, Illinois, on the following described property, to wit:

Situated in the State of Illinois, County of Champaign, and City of Urbana, in the west half of the Northeast Quarter (NE $\frac{1}{4}$) of the Northeast Quarter (NE $\frac{1}{4}$) of Section Eighteen (18) in Township Nineteen North (T19N), Range Nine East (R9E) of the Third Principal Meridian and being known as parts of Lots Eleven (11) and Twelve (12) of the W. M. Goodwin's Addition to the City of Urbana as recorded in Deed Book Twenty-four (24), Page Five Hundred Eighty-two (582) of the records of said County and also being sometimes referred to as Lots at the Southeast Corner of Green Street and Goodwin Avenue, Urbana, Illinois, and being more fully bounded and described as follows:

Beginning at an iron pin in the south property line of Green Street, said iron pin being two hundred eight and seventy-five hundredths (208.75) feet distant in an easterly direction from the intersection of the east property line of Goodwin Avenue and the south property line of Green Street; thence easterly along the south property line of Green Street, a distance of ninety and twenty-five hundredths (90.25) feet to an iron pin; thence in a southerly direction along a line parallel to the east property line of Goodwin Avenue, a distance of three hundred thirty-five and fifty-two hundredths (335.52) feet to an iron pin; thence in a westerly direction, a distance of one hundred and two hundredths (100.02) feet to an iron pin; thence in a northerly direction along a line parallel to the east property line of Goodwin Avenue, a distance of one hundred sixty-four and thirteen hundredths (164.13) feet to an iron pin; thence in an easterly direction and at ninety degrees (90°) to the preceding course, a distance of nine and seventy-three hundredths (9.73) feet to an iron pin; thence in a northerly direction and at ninety degrees (90°) to the preceding course and parallel to the east property line of Goodwin Avenue, a distance of one hundred seventy and five tenths (170.5) feet to the place of beginning, containing seven hundred and thirty-one thousandths (0.731) of an acre, more or less, but subject to all legal highways.

and is payable solely from the net revenue to be derived from the operation of said building, 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 building shall be deposited with the Chicago Title and Trust Company, in the City of Chicago, Illinois, under a Deposit Agreement entered into between the Board of Trustees of the University of Illinois and the said Company, and used only for the purpose of paying the fees and expenses of such Depository, 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 Student-Staff Apartments (Second Unit) located on Green Street, 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 building with the said Chicago Title and Trust Company, to be applied in the manner as hereinabove set forth.

This bond is one of an authorized issue of \$700,000, all of like date and of the denomination of \$1,000 each, numbered from 1 to 700, 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 April 1, 1953, and up to and including October 1, 1954, at par and accrued interest and a premium of two per cent (2%) of the principal amount thereof, and a premium of one and one-half per cent (1½%) of the principal amount thereof if redeemed on April 1, 1955, or on any interest payment date thereafter up to and including October 1, 1958, and a premium of one per cent (1%) of the principal amount thereof if redeemed on April 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 the 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 Depository 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 hereof.

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 Student-Staff Apartments (Second Unit) with the said Depository, 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 buildings and to maintain and collect charges and fees sufficient to pay the reasonable cost of operating, maintaining, insuring and repairing of said buildings, 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 May, 1950.

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

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

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

Attest:

.....
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 the Chicago Title and Trust Company, in the City of Chicago, Illinois, being interest then due on its Student-Staff Apartments (Second Unit) Revenue Bond, dated May 1, 1950, Number

.....
President, Board of Trustees

.....
Secretary, Board of Trustees

(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 Student-Staff Apartments (Second Unit) located on Green Street, 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, a part

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

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 Student-Staff Apartments (Second Unit) and the operation thereof, after setting aside therefrom the reasonable cost of operating, maintaining, insuring and repairing said Student-Staff Apartments (Second Unit), shall be paid over to the Depository 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 Depository shall be used only in paying the fees and expenses of such Depository, 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 Student-Staff Apartments (Second Unit) 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 Student-Staff Apartments (Second Unit) shall be deposited with the Chicago Title and Trust Company, hereby designated as the Depository 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 Depository in substantially the following form, to wit:

THIS DEPOSIT AGREEMENT dated May 1, 1950, 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 Chicago Title and Trust Company, a corporation duly organized and existing under the laws of the State of Illinois, and having its office in the City of Chicago, in the State of Illinois (hereinafter sometimes referred to as the "Depository"), 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 \$700,000 Student-Staff Apartments (Second Unit) Revenue Bonds for the purpose of defraying part of the cost of constructing the second unit of Student-Staff Apartments located on Green Street in Urbana, Illinois, prescribing all the details of said bonds, and providing for the collection, segregation and distribution of the revenues of the said Student-Staff Apartments (Second Unit), 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, 1950, has issued or is about to issue Seven Hundred Thousand Dollars (\$700,000) principal amount of its Student-Staff Apartments (Second Unit) Revenue Bonds for the purpose of defraying part of the cost of constructing said Student-Staff Apartments (Second Unit) on the following described property:

Situated in the State of Illinois, County of Champaign, and City of Urbana, in the west half of the Northeast Quarter (NE $\frac{1}{4}$) of the Northeast Quarter (NE $\frac{1}{4}$) of Section Eighteen (18) in Township Nineteen North (T19N), Range Nine East (R9E) of the Third Principal Meridian and being known as parts of Lots Eleven (11) and Twelve (12) of the W. M. Goodwin's Addition to the City of Urbana as recorded in Deed Book Twenty-four (24), Page Five Hundred Eighty-two (582), of the records of said County and also being sometimes referred to as Lots at the Southeast Corner of Green Street and Goodwin Avenue, Urbana, Illinois, and being more fully bounded and described as follows:

Beginning at an iron pin in the south property line of Green Street, said iron pin being two hundred eight and seventy-five hundredths (208.75) feet distant in an easterly direction from the intersection of the east property line of Goodwin Avenue and the south property line of Green Street; thence easterly along the south property line of Green Street, a distance of ninety and twenty-five hundredths (90.25) feet to an iron pin; thence in a southerly direction along a line parallel to the east

property line of Goodwin Avenue, a distance of three hundred thirty-five and fifty-two hundredths (335.52) feet to an iron pin; thence in a westerly direction, a distance of one hundred and two hundredths (100.02) feet to an iron pin; thence in a northerly direction along a line parallel to the east property line of Goodwin Avenue, a distance of one hundred sixty-four and thirteen hundredths (164.13) feet to an iron pin; thence in an easterly direction and at ninety degrees (90°) to the preceding course, a distance of nine and seventy-three hundredths (9.73) feet to an iron pin; thence in a northerly direction and at ninety degrees (90°) to the preceding course and parallel to the east property line of Goodwin Avenue, a distance of one hundred seventy and five tenths (170.5) feet to the place of beginning, containing seven hundred and thirty-one thousandths (0.731) of an acre, more or less, but subject to all legal highways.

located on Green Street in the City of Urbana, Illinois, said bonds being dated May 1, 1950, and maturing as follows:

<i>Principal Amount</i>	<i>Bond Numbers</i>	<i>Maturity Dates</i>
\$13,000	1- 13 incl.	April 1, 1951
14,000	14- 27 "	October 1, 1951
14,000	28- 41 "	April 1, 1952
14,000	42- 55 "	October 1, 1952
14,000	56- 69 "	April 1, 1953
14,000	70- 83 "	October 1, 1953
15,000	84- 98 "	April 1, 1954
15,000	99-113 "	October 1, 1954
15,000	114-128 "	April 1, 1955
15,000	129-143 "	October 1, 1955
15,000	144-158 "	April 1, 1956
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18,000	292-309 "	October 1, 1960
18,000	310-327 "	April 1, 1961
18,000	328-345 "	October 1, 1961
19,000	346-364 "	April 1, 1962
19,000	365-383 "	October 1, 1962
19,000	384-402 "	April 1, 1963
20,000	403-422 "	October 1, 1963
20,000	423-442 "	April 1, 1964
20,000	443-462 "	October 1, 1964
20,000	463-482 "	April 1, 1965
20,000	483-502 "	October 1, 1965
21,000	503-523 "	April 1, 1966
21,000	524-544 "	October 1, 1966
21,000	545-565 "	April 1, 1967
22,000	566-587 "	October 1, 1967
22,000	588-609 "	April 1, 1968
22,000	610-631 "	October 1, 1968
23,000	632-654 "	April 1, 1969
23,000	655-677 "	October 1, 1969
23,000	678-700 "	April 1, 1970

bonds numbered 1 to 345, inclusive, bearing interest at the rate of two and one-fourth per cent (2¼%) per annum, bonds numbered 346 to 462, inclusive, bearing interest at the rate of two and one-half per cent (2½%) per annum, and bonds numbered 463 to 700, inclusive, bearing interest at the rate of two and three-fourths per cent (2¾%) per annum, interest payable October 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 April 1, 1953, and up to and including October 1, 1954, at par and accrued interest, and a premium of two per cent (2%) of the principal amount thereof, a premium of one and one-half per cent (1½%) of the principal amount thereof if redeemed on April 1, 1955, or on any interest payment date thereafter up to and including October 1, 1958, and a premium of one per cent (1%) of the principal amount thereof if redeemed on April 1, 1959, or on any interest payment date thereafter before maturity.

Notice of redemption to 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 Student-Staff Apartments (Second Unit), the term "net revenues" as used herein meaning the gross revenues of the said Student-Staff Apartments (Second Unit), less the reasonable cost of operating, insuring, maintaining and repairing 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 Student-Staff Apartments (Second Unit) will be from time to time deposited with the Depository and used only for the payment of the fees and expenses of the Depository, 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 Depository 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 Student-Staff Apartments (Second Unit), and that it will furnish to the Depository, on or before October 1, 1951, for that period from May 1, 1950 to June 30, 1951, 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 Student-Staff Apartments (Second Unit) for the twelve months' period ended on the next preceding June 30th. The Depository 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 Student-Staff Apartments (Second Unit) 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 Student-Staff Apartments (Second Unit), shall be paid over to the Depository semi-annually not later than July 31 for the previous six months' period ending June 30th each year, and January 31 for the previous six months' period ending December 31 of each year; provided, however, there shall be deposited on September 1, 1950 the net revenues for the period from May 1, 1950 to September 1, 1950, which amount, together with sufficient funds derived from the proceeds of the sale of said bonds will be such that the sum so deposited will not be less than the interest requirements due on said bonds October 1, 1950, plus Depository's fees, and the University hereby covenants and agrees so to do. All funds received by the Depository under the terms of this agreement, after deducting fees and expenses of such Depository, shall be held by the Depository in a special trust account to be known

as the sinking fund and shall be disbursed or applied by the Depository as hereinafter provided.

At least five days before each semi-annual interest payment date the Depository 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 Depository, 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 days before the express date of maturity of the bonds, the Depository 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 Depository, 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 day before any interest payment date, the Depository 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 Depository 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 700, inclusive. All bonds redeemed through the operation of the sinking fund, together with the appertaining interest coupons, shall be cancelled by the Depository and delivered to the Treasurer of the University. The Depository 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 Depository, either in the name of the University or in the name of the Depository, as the Depository may determine, once not less than thirty 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 Depository, in the City of Chicago and State of Illinois;

(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 Depository 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 Depository, 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 Depository, in the City of Chicago and State of Illinois, books for the registration and transfer as to principal of bonds of the said issue, and the said Depository is hereby appointed the agent of the Uni-

versity, 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 bond 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 Student-Staff Apartments (Second Unit), 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 Chicago Title and Trust Company 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 Secretaries, all as of the day and year first above written.

UNIVERSITY OF ILLINOIS

By.....
President, Board of Trustees

Attest:
Treasurer, University of Illinois
.....
Secretary, Board of Trustees

CHICAGO TITLE AND TRUST COMPANY
As Depositary

Attest: By.....
Vice President
.....
Assistant Secretary

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 Student-Staff Apartments (Second Unit), 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 Student-Staff Apartments (Second Unit) 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 Student-Staff Apartments (Second Unit) 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 Student-Staff Apartments (Second Unit), 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 Student-Staff Apartments (Second Unit) located on Green Street, in the City of Urbana, Illinois, 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 Student-Staff Apartments (Second Unit) 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 Student-Staff Apartments (Second Unit), 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 Student-Staff Apartments (Second Unit) 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 the 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 Student-Staff Apartments (Second Unit) Revenue Bonds, 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 Student-Staff Apartments (Second Unit) Revenue Bonds to the purchaser thereof.

SECTION 15. That said revenue bonds shall be executed as provided herein as soon after this resolution becomes effective as may be, be deposited with the Treasurer of said University, and be by him delivered to Blyth & Co., Inc., 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, and there shall also be deposited in said sinking fund out of the proceeds of the sale of said bonds a sum which together with the net revenues for the period ending September 1, 1950, will be sufficient to pay interest and Depositary fees due October 1, 1950.

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

Passed, 1950.

Recorded, 1950.

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 \$700,000 Student-Staff Apartments (Second Unit) Revenue Bonds for the purpose of defraying part of the cost of constructing the second unit of Student-Staff Apartments located on Green Street in Urbana, Illinois, prescribing all the details of said bonds, and providing for the collection, segregation and distribution of the revenues of the said Student-Staff Apartments (Second Unit), 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, 1950.

IN WITNESS WHEREOF I hereunto set my hand and the seal of said University of Illinois, this day of, 1950.

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

PURCHASES

Purchase Authorized

A. The following purchase was authorized by the President of the University on the recommendations of the Director of Purchases and the Comptroller.

Item	Department	Vendor	Cost
Three National Cash Register Co. bookkeeping and receipting machines #A2209 (66 up) Special 8-8-9	Bursar's Office	National Cash Register Co., Danville	\$12 498 45

Purchases Recommended

B. 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.

Item	Department	Vendor	Cost
2000 copies (reprint) "Mass Communications," edited by W. Schramm	University Press	Kingsport Press, Inc., Chicago	2 098 00
One detector, mass spectrometer leak, portable for operation 110 volt, 60 cycle	Physics	Distillation Products Industries, Rochester, N.Y.	4 450 00 f.o.b. Rochester

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One 300-volt at 0-25 amperes direct current power supply (for digital computer)	Graduate College, Computer	Power Equipment Co., Detroit, Mich.	4 137 00
One Warburg apparatus, 20 unit, refrigerated, 115 volts, 60 cycles, complete with accessories	Food Technology	E. H. Sargent & Co., Chicago	1 649 50 f.o.b. Urbana
48 new eighteen-gauge stainless steel false bottoms for dissecting tables, as per University design	College of Medicine, Anatomy	Central Scientific Co., Chicago	2 968 80
One 13" x 30" geared head lathe with 3/4 h.p., 1800 r.p.m., 220 volt, 60 cycle, 3-phase motor, standard taper key drive spindle nose, small face plate, compound rest, and No. 1 tool post assembly; one 8" 4-jaw chuck, one 6" 3-jaw chuck, collets, tool holders, steady rest and follow rest	Industrial Education	R. K. LeBlond Tool Co., Chicago	2 372 15 f.o.b. Cincinnati, Ohio
One Aircraft engine energizer (starter), portable gasoline engine driven, mounted on 4-wheel, pneumatic tired trailer, consists of one energizer generator rated at 28.5 volts, 500 amps., continuous 1000 amp., max., 3500 r.p.m., V belt drive; one Chrysler IND 6 liquid cooled engine	Aeronautical Engineering	General Electric Co., Springfield	1 515 00
One complete freeze-dry package unit (dry-freeze infra-red radiation process) including pump, heater, infra-red heater frame, refrigeration system, cabinet, and accessories	Institution for Tuberculosis Research	Proctor & Schwartz, Inc., Philadelphia, Pa.	7 595 00 f.o.b. delivered and installed
One film processing machine for processing both 16 mm. and 35 mm. perforated and non-perforated film, complete with film tanks, carriages, reel spindles, roller clutch drive mechanisms and drying cabinet to process by negative, positive, or reversal procedures	Photography	Engineering Development Laboratory, Chicago	6 120 00 f.o.b. Chicago
One full revolving crawler mounted gasoline engine powered crane to replace link belt crane purchased in 1929	Physical Plant	L. Z. Howell Co., Chicago	15 740 00 f.o.b. delivered
6000 board feet 5/4"; 2000 board feet 6/4" B and better Northern White Pine, rough kiln dried 6" and wider, 10'-16' lengths	Physical Plant	White Pine Lumber Co., Chicago	2 722 00 f.o.b. delivered
5000 board feet 1" Northern White Pine, B and better, random width and length	Physical Plant	White Pine Lumber Co., Chicago	1 605 00 f.o.b. Urbana
10,000 lbs. soft paste white lead	Physical Plant	Eagle Pitcher Co., Lyons	1 664 00 f.o.b. delivered
Resurfacing of Sixth Street parking lot with 2" of plant-mix asphalt, as per specifications prepared by the Physical Plant Department	Physical Plant	Champaign Asphalt Co., Champaign	3 170 00
Laboratory furniture	Bacteriology, College of Liberal Arts and Sciences	Metalab Equipment Corp., Brooklyn, N.Y.	6 010 75 f.o.b. Urbana
Two sterilizers, horizontal, single wall, 21 1/2"x38" I.D., direct steam, monel metal, two shelves, complete with steam strainer and combination pressure reducing and regulator valve, steam trap and check valve on steam	Bacteriology, College of Liberal Arts and Sciences	American Sterilizer Co., Chicago	2 539 35 f.o.b. Urbana
Laboratory furniture for Physiology Laboratory in Room 412 Natural History Building	Physiology, College of Liberal Arts and Sciences	Laboratory Furniture Co., Long Island, N.Y. E. H. Sheldon & Co., Muskegon, Mich.	2 234 30 764 20
		Metalab Equipment Corp., Brooklyn, N.Y.	1 122 65 f.o.b.
		Total	4 121 15

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One 10" laboratory vacuum pan having one square foot of evaporating surface and capacity to evaporate 30 lbs. per hour, with following additional accessories: (1) condenser, (2) reservoir, (3) dual ejector	Food Technology	Bufllovak Equipment Division of Blaw-Knox Co., Chicago	1 751 00 f.o.b. Buffalo, N.Y.
One 30 h.p. steam generator for operation on No. 3 oil, motor 3 phase, 60 cycle, 220 volts—100 lbs. per square inch pressure, 1100 lbs. per hour capacity of steam	Food Technology	Cherry-Burrell Co., Chicago	2 749 26 f.o.b. Urbana
Laboratory furniture to equip new laboratories for Food Technology in 207 Dairy Manufactures Building	Food Technology	Laboratory Furniture Co., Long Island, N.Y.	3 546 70 f.o.b. Urbana
400 Carlton #322 or equal, stainless steel pudding pans, 8 $\frac{1}{4}$ " x 6 $\frac{1}{4}$ " x 2 $\frac{3}{4}$ "	Animal Hospital, College of Medicine	Edward Don and Co., Chicago	1 587 12
Nine paintings	College of Fine and Applied Arts		
"Figure and Mask," by Abraham Rattner		A. P. Rosenberg & Co., Inc., New York City	1 400 00
"Beaulieu," by Max Beckmann		Buchholz Gallery, New York City	1 100 00
"Faraway," by Charles Rain		Knoedler & Co., Inc., New York City	1 000 00
"Southern Community," by Robert Gwathmey		ACA Gallery, New York City	1 000 00
"Apparition," by Hans Hofmann		Samuel M. Kootz Gallery, New York City	900 00
"New York from Hoboken," by Frederick S. Franck		Van Diemen-Lilenfeld Galleries, New York City	720 00
"Machine Five," by Hedda Sterne		Betty Parsons Gallery, New York City	600 00
"Fragments from Yesterday," by Dean Ellis		Dean Ellis, Lakewood, Ohio	400 00
"Entrance," by Anthony Toney		ACA Gallery, New York City	400 00
		Total	7 520 00
Three automobiles, suburban carry-all model, complete with 4-speed transmission, overload springs, heater and defroster, heavy duty grill guard, turn indicator, oil bath air cleaner, oil filter and 700 x 15 wheels and 6-ply tires	Physical Plant	Songer Chevrolet Sales, Catlin	4 948 50
One Model CJ-3A Universal Jeep, complete with passenger seats in front and rear, body top, drawbar, brush guard, and heater and defroster	Physical Plant	Frank S. Owens Co., Bloomington	1 224 95
One panel truck $\frac{1}{2}$ ton capacity, with three forward speeds, heater, oil bath air cleaner, oil filter, and overload springs	Physical Plant	Sullivan Chevrolet Co., Champaign	1 394 00

**COMPTROLLER'S REPORT OF CONTRACTS EXECUTED
MARCH 1 TO MARCH 31, 1950**

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Date</i>
Michael Reese Hospital School of Nursing	Affiliation of schools accepting candidates for the degree of Bachelor of Science in Nursing	None	August 11, 1949
The Presbyterian Hospital of the City of Chicago (School of Nursing)	Affiliation of schools accepting candidates for the degree of Bachelor of Science in Nursing	None	August 19, 1949
Eli Lilly and Company	Study of mumps vaccine in man	\$4 550 00	March 14, 1950
National Advisory Committee for Aeronautics	Study of fatigue strength of certain aluminum alloy	3 610 00	December 19, 1949
United States Department of the Army	Academic instruction for not over fifty military personnel	Rate per contract	September 14, 1949

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Date</i>
University Microfilms	License to photograph and sell microfilms of "Journal of English and Germanic Philology"	Royalty of 10% of the sales price of each copy sold	December 10, 1949

ADJUSTMENTS IN AUTHORIZATIONS ISSUED PRIOR TO JULY 1, 1949,
UNDER COST-PLUS STANDING CONTRACTS

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>
Lewis S. Colbert	Three adjustments	\$ 771 01 ¹
Reliable Plumbing and Heating Co.	Three adjustments	1 056 98 ¹
Schroeder's	One adjustment	120 60
Square Deal Electric	One adjustment	130 41

DONORS OF FUNK FOREST NATURAL AREA

Donors of Land

MRS. BESSIE F. FUNK, McLean, Illinois
 MR. GEORGE W. FUNK, McLean, Illinois
 MISS FLORENCE M. FUNK, McLean, Illinois
 MR. and MRS. W. MCLEAN FUNK, P. O. Box 102, Decatur, Illinois

Donors of Cash

MRS. EUGENE D. FUNK, Sr., Shirley, Illinois
 MR. and MRS. EUGENE D. FUNK, JR., 1318 East Grove Street, Bloomington, Illinois
 MR. and MRS. LA FAYETTE FUNK, Shirley, Illinois
 MR. PAUL A. FUNK, Shirley, Illinois
 MR. and MRS. THEODORE FUNK, 703 Broadway, Normal, Illinois
 MRS. GLADYS FUNK REHTMEYER, Pasadena Drive, Fox Chapel, Pittsburgh 15, Pennsylvania
 MR. and MRS. ROBERT McCORMICK, 502 Broadway, Normal, Illinois
 MR. and MRS. WALDO ROTH, Chatham Circle, Kankakee, Illinois
 MR. and MRS. LESTER AHROOM, 911 East Oak Street, Kankakee, Illinois
 MR. HENRY W. and MRS. HAZEL FUNK HOLMES, 13 Kirkland Place, Cambridge 38, Massachusetts
 MR. and MRS. DEANE H. FUNK, McLean, Illinois
 MR. and MRS. DONALD S. FUNK, c/o Sangamo Electric Company, Springfield, Illinois
 MR. and MRS. JACOB D. FUNK, 2012 La Mesa Drive, Santa Monica, California
 MR. WILL and MRS. MADELINE FUNK McCULLOUGH, 1415 East Grove Street, Bloomington, Illinois
 MR. HENRY and MRS. MARY FUNK CAPEN, 12 Country Club Place, Bloomington, Illinois
 MR. and MRS. LYLE W. FUNK, c/o Barton, Baton, Durstine & Osborne, Inc., 383 Madison Avenue, New York 17, N.Y.
 MR. and MRS. DELOSS FUNK, Shirley, Illinois
 MRS. GRACE FUNK BRACKEN, 321 East Chestnut Street, Bloomington, Illinois
 MR. and MRS. DWIGHT FUNK BRACKEN, 321 East Chestnut Street, Bloomington, Illinois
 MRS. IDELLE K. EWING, 505 Powers Lane, Decatur, Illinois
 MRS. MARY B. FUNK, 302 La Fayette Apartments, Bloomington, Illinois
 MRS. GRACE CLARKSON FUNK, 125 East 50th Street, Beverly Hotel, New York City, N.Y.
 MR. LARRY FUNK, 125 East 50th Street, Beverly Hotel, New York City, N.Y.
 MR. and MRS. BEN F. FUNK, Shirley, Illinois
 MR. and MRS. ARTHUR FUNK, Shirley, Illinois
 MRS. CLARA HUMPHREYS, 301 East Grove Street, Bloomington, Illinois
 MR. and MRS. DANA ROLLINS, Shirley, Illinois

¹ Deduct.

TREASURER'S REPORT

STATEMENT OF RECEIPTS AND DISBURSEMENTS
MARCH 1, 1949, TO FEBRUARY 28, 1950

<i>Urbana-Champaign</i>		
Balance March 1, 1949.....		\$ 3 435 657 70
Receipts:		
March, 1949.....	\$ 984 205 15	
April, 1949.....	1 348 080 31	
May, 1949.....	1 064 142 20	
June, 1949.....	1 777 713 48	
July, 1949.....	2 270 694 05	
August, 1949.....	972 146 16	
September, 1949.....	1 591 424 82	
October, 1949.....	1 392 601 29	
November, 1949.....	1 561 675 10	
December, 1949.....	952 882 75	
January, 1950.....	1 217 859 24	
February, 1950.....	2 124 672 11	
<i>Total receipts</i>		<u>\$17 258 096 66</u>
<i>Total balance and receipts</i>		\$20 693 754 36
Disbursements (as per cancelled checks returned to Comptroller):		
March, 1949.....	\$1 156 418 64	
April, 1949.....	1 058 064 21	
May, 1949.....	825 113 73	
June, 1949.....	2 468 944 83	
July, 1949.....	1 899 325 21	
August, 1949.....	1 208 735 84	
September, 1949.....	831 957 24	
October, 1949.....	1 829 819 03	
November, 1949.....	2 018 915 81	
December, 1949.....	1 025 987 84	
January, 1950.....	1 161 374 09	
February, 1950.....	1 609 621 36	
<i>Total disbursements</i>		<u>\$17 094 277 83</u>
Balance on hand, February 28, 1950 (on deposit at First National Bank of Chicago).....		\$ 3 599 476 53
<i>Chicago</i>		
Balance March 1, 1949.....		\$ 855 257 74
Receipts:		
March, 1949.....	\$ 551 848 89	
April, 1949.....	567 736 80	
May, 1949.....	406 620 78	
June, 1949.....	537 052 20	
July, 1949.....	304 589 93	
August, 1949.....	452 355 07	
September, 1949.....	523 157 25	
October, 1949.....	705 114 63	
November, 1949.....	716 688 91	
December, 1949.....	350 681 89	
January, 1950.....	495 692 19	
February, 1950.....	422 280 32	
<i>Total receipts</i>		<u>\$ 6 033 818 86</u>
<i>Total balance and receipts</i>		\$ 6 889 076 60

Disbursements (as per cancelled checks returned to Comptroller):		
March, 1949.....	\$ 590 654 96	
April, 1949.....	556 141 76	
May, 1949.....	389 508 20	
June, 1949.....	442 888 01	
July, 1949.....	507 348 65	
August, 1949.....	417 267 55	
September, 1949.....	468 060 94	
October, 1949.....	825 186 63	
November, 1949.....	573 135 04	
December, 1949.....	432 248 79	
January, 1950.....	470 803 67	
February, 1950.....	<u>294 329 74</u>	
<i>Total disbursements</i>		\$ 5 967 573 94
Balance on hand, February 28, 1949 (on deposit at First National Bank of Chicago).....		\$ 921 502 66
<i>Galesburg</i>		
Balance March 1, 1949.....		\$ 79 605 66
Receipts:		
March, 1949.....	\$ 134 497 31	
April, 1949.....	44 994 30	
May, 1949.....	42 621 87	
June, 1949.....	29 419 89	
July, 1949.....	92 107 06	
August, 1949.....	11 352 75	
September, 1949.....	10 740 58	
October, 1949.....	None	
November, 1949.....	<u>None</u>	
<i>Total receipts</i>		\$ 365 733 76
<i>Total balance and receipts</i>		\$ 445 339 42
Disbursements (as per cancelled checks returned to Comptroller):		
March, 1949.....	\$ 124 567 38	
April, 1949.....	54 199 43	
May, 1949.....	43 162 97	
June, 1949.....	30 206 39	
July, 1949.....	74 388 97	
August, 1949.....	70 095 35	
September, 1949.....	37 558 71	
October, 1949.....	20 00	
November, 1949.....	<u>11 140 22</u>	
<i>Total disbursements</i>		\$ 445 339 42
Balance on hand, February 28, 1950 (on deposit at First National Bank of Chicago).....		None
<i>Total balance, February 28, 1950</i>		\$ 4 520 979 19

LLOYD MOREY, *Comptroller*
 IRVIN L. PORTER, *Treasurer*