

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

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**January 13, 1949**  
**With Executive Committee Meetings of**  
**December 28, 1948, and January 18, 1949**



The regular January monthly meeting of the Board of Trustees of the University of Illinois was held on Thursday, January 13, 1949, at the Blackstone Hotel, in Chicago, according to the following schedule:

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

1 p.m. — Open session.

The following members were present: President Fornof, General Davis, Mrs. Holt, Mr. Livingston, Mr. McKelvey, Dr. Meyer, Mr. Nickell, Mr. Williamson. On invitation of the Board, Mr. R. Z. Hickman and Mrs. Frances B. Watkins, members elect, sat with the Board during the day.

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, Professor W. H. Scheick, Coordinator of the Small Homes Council, and, during the open session, Director J. F. Wright.

**MINUTES APPROVED**

The Secretary presented the minutes of the meetings of October 21 and November 19, 1948; also, for record, the minutes of a meeting of the Executive Committee on December 28, 1948.

On motion of General Davis, the minutes were approved as printed on pages 135 to 188 above, and the minutes of the meeting of the Executive Committee of December 28, 1948, were received for record.

## MEETING OF THE EXECUTIVE COMMITTEE

DECEMBER 28, 1948

The Executive Committee of the Board of Trustees of the University of Illinois met at the University Club, 76 East Monroe Street, Chicago, at 10:30 a.m. on Tuesday, December 28, 1948. Mr. John R. Fornof, Chairman, Mr. Chester R. Davis, and Mr. Park Livingston, members of the Committee, were present; also Dr. George D. Stoddard, President, Mr. A. J. Janata, Assistant to the President, Mr. Lloyd Morey, Comptroller, and Mr. H. E. Cunningham, Secretary.

**MATTERS PRESENTED BY PRESIDENT STODDARD**

The Executive Committee considered the following matters presented by the President of the University.

**INAUGURATION OF GOVERNOR**

(1) The University of Illinois Band has been invited to play at the inauguration of Governor-elect Adlai E. Stevenson in Springfield on January 10, 1949. I have authorized the participation of the band in these ceremonies.

This report was received for record.

**GIFT OF REMBRANDT PAINTING FROM MR. AND MRS.  
MERLE J. TREES**

(2) Under the conditions outlined in their letter of November 29, 1937, offering to establish the "Emily Nichols Trees (Class of 1905) and Merle Jay Trees (Class of 1907) Collection" of paintings at the University of Illinois, and pursuant to the resolution of acceptance adopted by the Executive Committee of the Board of Trustees on December 18, 1947 (Minutes, page 587), Mr. and Mrs. Trees offer the University, as their gift for 1948, one-half interest in their painting "Portrait of Amsterdam Burgher" by Rembrandt. As evidence of this gift they have presented deeds of gift whereby each conveys to the University of Illinois an undivided one-quarter interest in and to this painting. They have submitted a certificate of appraisal from the Art Institute of Chicago, valuing this painting at \$65,000.

I recommend acceptance of this gift. The two deeds of gift and the appraisal will be given to the Secretary of the Board for official record.

On motion of Mr. Davis, this painting was accepted with great appreciation.

**GIFT OF GAUGUIN PAINTING FROM MR. AND MRS.  
MERLE J. TREES**

(2a) Mr. and Mrs. Merle J. Trees offer also an additional painting "Man in Field," by Paul Gauguin, to become a part of the "Emily Nichols Trees (Class of 1905) and Merle Jay Trees (Class of 1907) Collection." This painting is now at the University.

Mr. and Mrs. Trees submit a certificate of appraisal from the Art Institute of Chicago, valuing this painting at \$6,000.

I recommend acceptance.

On motion of Mr. Davis, this painting was accepted with keen appreciation.

**APPOINTMENTS TO THE CITIZENS COMMITTEE AND TO THE  
ADVISORY COMMITTEE OF THE COLLEGE OF EDUCATION**

(3) I recommend the appointment of the following as members of the Citizens Committee of the University of Illinois and their assignment to the Advisory Committee of the College of Education (new members are indicated by an asterisk):

D. R. BLODGETT, Jacksonville  
 J. E. BLUE, Rockford  
 WAYNE BUTLER, Charleston  
 J. H. CHERRY, Joliet  
 CARRIE B. DAWSON, East St. Louis  
 P. L. EWING, Rockford  
 \*M. P. GAFFNEY, Winnetka  
 J. E. HILL, Springfield

H. C. HUNT, Chicago  
 \*KATHLEEN JARRETT, Bloomington  
 J. F. KARBER, Ridgway  
 \*MARY R. LEMAY, Ottawa  
 W. R. MCINTOSH, Decatur  
 GERALD SMITH, Moline  
 R. M. WRIGHT, Robinson

On motion of Mr. Livingston, these appointments were made as recommended.

#### SPECIAL APPROPRIATIONS FOR NONRECURRING EXPENDITURES

(4) The Committee on Special Appropriations and Nonrecurring Expenditures recommends assignments from the General Reserve Fund for the following purposes:

1. College of Agriculture.....	\$11 270
a. Alterations in swine feeding plant for Department of Animal Science.....	\$1 600
b. Tractor with equipment and attachments for Department of Animal Science.....	3 000
c. Tractor and truck equipment for Department of Horticulture	6 670
2. College of Liberal Arts and Sciences.....	16 785
a. Rehabilitation of 404 South Mathews Avenue for the Psychology Department.....	2 900
b. Purchase of equipment for Department of Psychology.....	7 185
c. Remodeling of Room 170 Noyes Laboratory for use as a Spectroscopic Laboratory for the Chemistry Department...	6 700
3. School of Journalism — temporary partition in Room 31 Gregory Hall..	1 300
4. School of Music — to complete remodeling in Smith Music Hall.....	2 000
5. College of Veterinary Medicine — equipment.....	12 000
6. University Library — purchase of collections of books.....	35 360
7. Physical Plant Department — purchase of six additional automobiles..	12 000
8. Chicago Professional Colleges.....	3 600
a. College of Medicine — remodeling office of the Dean.....	1 100
b. College of Pharmacy — equipment for Radiobiology Laboratory.....	2 500
<i>Total</i> .....	\$94 315

I concur.

On motion of Mr. Davis, these appropriations were made as recommended, by the following vote: Aye, Mr. Fornof, Mr. Davis, Mr. Livingston.

#### REMODELING OF PROPERTY AT 1209 WEST ILLINOIS STREET, URBANA, FOR STAFF HOUSING

(5) On July 21, 1948 (Minutes, page 3), on the recommendation of the Committee on Special Appropriations and Nonrecurring Expenditures, the Board of Trustees approved the purchase of the property at 1209 West Illinois Street, Urbana, at a cost of \$16,340. Previously (Minutes, February 21, 1948, page 973) the adjoining vacant property at 1205-1207 West Illinois Street was purchased at a cost of \$5,950. An assignment of \$6,000 was made to convert it into a parking lot. The property at 1209 has on it an old, two-story house in rather poor condition. It was contemplated that this house would be razed and the two areas used for parking, in which case a larger appropriation will be required.

Further investigation shows that the house can be remodeled into four modest but satisfactory apartments for family use. In view of the continued need for additional housing for University staff members, the Provost recommends an estimated expenditure of \$12,000. It may be several years before the land is required for a major University building and during that time at least a part of this investment can be recovered. In the meantime, four additional family units will be added.

The Director of the Physical Plant Department and the Comptroller recom-

mend that the contract for the general work on this property be awarded to Lewis S. Colbert under the standing contract with him for minor remodeling, on a cost plus basis previously approved by the Board, at an estimated cost of \$6,000 for the general work.

I concur in this proposal and recommend an appropriation of \$12,000 for this remodeling.

On motion of Mr. Davis, this project was approved and the appropriation was made as recommended, by the following vote: Aye, Mr. Fornof, Mr. Davis, Mr. Livingston.

**AWARD OF CONTRACT FOR INSTALLATION OF BARRIER AT  
CHICAGO UNDERGRADUATE DIVISION**

(6) When the University of Illinois took over the Navy Pier, there were no stanchions or chains around the east end of the Pier separating the recreational area and the promenade. This area is used heavily during the day and is also used at night whenever dances or other events are held in the auditorium. The installation of a barrier is desirable as a safety improvement and is also required under the terms of our agreement with the City of Chicago as a restoration item. The United States Navy, former lessee of the Pier, removed the barrier and the University in leasing the space assumed the obligation of replacement.

Bids have been received for this installation, and the Director of the Physical Plant Department and the Comptroller recommend the award of the contract to the lowest bidder, the Pulaski Iron Works, Chicago, in the amount of \$3,223.25.

Funds are available in the Physical Plant renewal and replacement budget.

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

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

**AWARD OF CONTRACT FOR INSTALLATION OF VENTILATING  
SYSTEM IN ILLINI UNION BOOKSTORE**

(7) The bookstore area in the Arcade Building was increased in 1947 by the closing of the central corridor to provide office space. This has been a material improvement in the bookstore operation, but since these are interior rooms there is a problem of ventilation. A similar problem exists in the book storage rooms in the basement during the summer months.

Bids have been received for the installation of a ventilating system for these areas.

The Director of the Physical Plant Department and the Comptroller recommend the award of a contract to the lowest bidder, Schroeder's Heating and Ventilating, Champaign, on the basis of their bid of \$4,970.

Funds are available from Bookstore operations for this improvement.

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

On motion of Mr. Davis, authority was given as requested.

**AWARD OF CONTRACT FOR REPLACEMENT OF SIDEWALKS AT  
CHICAGO PROFESSIONAL COLLEGES**

(8) Bids have been received for the replacement of sidewalks and curbs on the east side of Wood Street between Polk Street and the alley north of Taylor Street and also on the south side of Polk Street from Wood Street to the alley west of Hermitage Avenue.

The walks and curbs in these locations are in very bad condition and are hazardous. New sidewalks are contemplated regardless of how the area is finally developed architecturally, and the replacement at this time would definitely improve the appearance of the Wood Street frontage, as well as reduce hazards.

The Director of the Physical Plant Department and the Comptroller recommend award of a contract to the lowest bidder, Concrete Craftsmen, Inc., Chicago, in the amount of \$4,850. Funds are available in the Physical Plant budget for this improvement.

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

On motion of Mr. Livingston, authority was given as requested.



**CONTRACT FOR ELECTRIC CRANE IN NEW CHEMISTRY BUILDING**

(9) Bids have been received for an electric crane to be furnished and installed in the new Chemistry and Chemical Engineering Building.

The Director of the Physical Plant Department and the Comptroller recommend an award of contract to the Abell-Howe Company, Chicago, on the basis of their lowest bid of \$5,505. Funds are available in the State appropriation for the construction of the Chemistry and Chemical Engineering Building.

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

On motion of Mr. Livingston, authority was given as requested.

**INCREASE IN CONTRACT FOR PHYSICAL ENVIRONMENT  
ADDITION IN CHICAGO**

(10) The Director of the Physical Plant Department and the Comptroller recommend an addition to the contract with the E. H. Marhoefer, Jr., Company of Chicago, for the general work in connection with the construction of the Physical Environment Addition in the amount of \$6,681, to provide for the installation of pressure chambers. The design for the pressure chamber installation was not completed when the contract was awarded.

Funds are available for this addition in the appropriation for this project.

I concur and recommend that the Comptroller and Secretary of the Board be authorized to execute this change in the general contract for the Physical Environment Addition.

On motion of Mr. Davis, this change in contract was authorized as recommended.

**PATENT ON SYNTHESIS OF SPARTEINE**

(11) Dr. Nelson J. Leonard, Assistant Professor of Chemistry, and one of his students, Mr. Roger E. Beyler, have discovered a method for synthesis of the drug sparteine which is believed to be patentable. This is the first total synthesis of sparteine developed and the drug has some practical value. In the judgment of the experts in the Department of Chemistry, this discovery is of substantial value but is not of the type which the University itself should develop. The Dean of the Graduate College and the University Research Board therefore recommend that Doctor Leonard's discovery of a method for the synthesis of sparteine be released to him as an agent of the University of Illinois Foundation.

I concur.

On motion of Mr. Livingston, this release was authorized as recommended.

**PURCHASES**

(12) There are submitted recommendations for purchases for approval by the Board (see Appendix, page 232) and a report of purchases authorized by the President of the University (see Appendix, page 235).

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

**PURCHASE OF DENTAL EQUIPMENT**

(13) The Dean of the College of Dentistry and the Director of Purchases recommend the purchase of fourteen clinical adult dental chairs from the Ritter Company, Inc., Rochester, New York, at a total price of \$6,510. This will require a special appropriation.

This purchase is part of a program, to extend over a period of time, for the replacement of chairs and other dental equipment, which will be presented to the Board of Trustees for consideration later. There are approximately 115 dental chairs for the use of students and staff members. Ninety of them should be replaced. Most of these are more than thirty years old (the latest purchase was in 1914) and the condition of the chairs is such that they are not worth the expense of extensive repairs necessary to put them in first-class condition. In the meantime, it has been found that effective January 1, 1949, there will be a 10 per cent increase in price. The Ritter Company has fourteen chairs of the type

used by the University available for delivery, and the purchase of this group of chairs immediately will result in a saving of approximately \$600.

I concur.

On motion of Mr. Davis, this purchase was authorized, and the appropriation was made as recommended, by the following vote: Aye, Mr. Fornof, Mr. Davis, Mr. Livingston.

#### ASSIGNMENTS OF FUNDS BY BOARD OF DIRECTORS OF THE ATHLETIC ASSOCIATION

(14) The Board of Directors of the University of Illinois Athletic Association has made the following appropriations from reserve funds of the Association. Since these represent major adjustments in the budget of the Association, approval of the Board is required and I so recommend.

1. For completion of irrigation system on football practice field.....	\$ 336 99
2. Improvements in southeast tower of Memorial Stadium—installation of toilet facilities, extension of utilities, and surfacing walls in kitchen.....	10 000 00
3. Additional funds for construction of golf course.....	10 000 00
4. Additional laundry equipment.....	2 000 00
5. Outlining basketball courts in west hall of Stadium in asphalt tile..	1 020 00
6. Experimental caulking of two expansion joints in Memorial Stadium and award of a contract to Wiles-Deter, Inc., Cleveland, Ohio, for this work.....	2 227 00
7. Uniforms and other equipment for 150-pound football team.....	3 600 00
8. To the Northern Trust Company, Chicago, for the retirement system of the Athletic Association.....	204 39
(Plus additional payments of \$24 a month for the period October 1, 1947, to October 1, 1948, and a like amount on an annual basis payable until termination of the contract or until September 30, 1951, or whichever of the two shall occur first.)	
9. Luncheon for United States Military Academy cadets, official guests of the University of Illinois for the Army-Illinois game on October 9, 1948.....	423 50
10. To cover cost of sending University of Illinois Band to Minneapolis for the Minnesota-Illinois football game on October 16, 1948....	9 500 00
11. Dinner for junior varsity and 150-pound football teams as official guests of the Athletic Association.....	500 00
<i>Total.....</i>	<i>\$39 811 88</i>

On motion of Mr. Davis, these adjustments were approved, and the President of the University was authorized to approve a revision of certain salaries of the staff of the Athletic Association, effective March 1, 1949.

#### CONTRACT WITH WARNER CONSTRUCTION COMPANY FOR WOMEN'S RESIDENCE HALL

(15) On July 21, 1948 (Minutes, page 13), the Board of Trustees by resolution declared that the Warner Construction Company is in default under the terms of its contract for the construction of the Women's Residence Hall and declined to extend the time for completion of this contract. A large number of items relating to financial settlement under the contract are still unadjusted. Many of these are relatively minor in character and some represent substantial amounts. There also is the question of damages to the University as a result of the delay in completion.

The Contractor has indicated his desire to continue the work to the completion of the Halls, but in order to protect his banking arrangements he wishes assurance that there will be no withholding of payments accruing under the contract and on which the University raises no question. It is desirable to set up machinery by which the settlement of such items is expedited. Counsel for the

Contractor and the University Legal Counsel have submitted the attached stipulation to which the Board of Trustees is requested to agree.

I recommend that the stipulation be approved subject to the following conditions:

1. That William E. Britton, in acting for the University in the settlement of individual items, proceed in accordance with the advice of the University Architect and the Comptroller (the latter acting as auditor on cost contracts).
2. That items not in excess of \$1,000 may be settled and paid, the total of such payments to be reported to the Board.
3. That items in excess of \$1,000 are to be reported to the Board for approval before payment in accordance with the usual procedure.
4. That no agreement shall be concluded with respect to any settlement for damages arising from the delay in completing the contract except with the approval of the Board of Trustees.

After discussion, and on motion of Mr. Davis, the President of the Board was authorized to appoint a special committee<sup>1</sup> to review this matter in conference with the President of the University and with the aid of the Comptroller, the Legal Counsel, the Director of the Physical Plant Department, and others, and make a recommendation to the Board.

#### ARCHITECTURAL SERVICES ON STAFF HOUSING

(16) The University's Staff Housing Committee recommends that Skidmore, Owings, and Merrill, Architects for the Student and Staff Apartments being constructed at Green and Goodwin, Urbana, be employed on a limited basis for further studies of rental staff housing.

Such a study would yield information needed by University officials in deciding how any funds appropriated for housing for the biennium of 1949-1951 can be used effectively. This study will include working in conjunction with the Community Planner to recommend locations, estimates of costs of land acquisition and site developments, economic analysis and recommendation of types of construction, development of income and expense budgets. The estimated cost of this service is \$3,600.

The Staff Housing Committee considered various possibilities of making such a study and concluded that the work can be done with the least delay and expense to the University and on the broadest possible basis by a qualified firm of architects. In the judgment of the Committee an independent survey will also be valuable.

I recommend that the Executive Committee authorize employment of Skidmore, Owings, and Merrill for this work and that an assignment of \$3,600 be made from the General Reserve Fund to cover the cost thereof.

On motion of Mr. Livingston, this recommendation was approved, and the appropriation was made, by the following vote: Aye, Mr. Fornof, Mr. Davis, Mr. Livingston.

The Executive Committee adjourned.

H. E. CUNNINGHAM  
*Clerk*

JOHN R. FORNOF, *Chairman*  
CHESTER R. DAVIS  
PARK LIVINGSTON

<sup>1</sup> President Fornof, on December 30, 1948, appointed Mr. Kenney E. Williamson and President George D. Stoddard to serve on this committee.

## EXECUTIVE SESSION

### MATTERS PRESENTED BY PRESIDENT STODDARD

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

#### STAFF HOUSING RESEARCH PROJECT

(1) There is in Urbana-Champaign, and probably will continue to be for some time to come, a serious shortage of residences, especially for rent. New houses have been built recently, and more are under construction, privately financed. Most of these are priced at \$15,000 and upward. There are practically no houses being built for rental purposes. The University could use perhaps 300 houses for rent to staff members, present and prospective. Many families are inadequately housed or must pay rents beyond their means. This is especially true of those in the intermediate ranks.

This situation presents to the Small Homes Council an extraordinary opportunity to apply certain principles of construction and other ideas it has developed through research on a small scale to a housing project under realistic conditions. The proposed project will require the services of architects who are specialists in designing modular houses which can be constructed at a reduced unit cost by using mass production techniques; of a site planner; and of builders expert in such types of residence construction who have the organization, personnel, and other resources to build houses rapidly. Speed is essential. As conceived, the project would be completed and the houses ready for occupancy by September 1, 1949.

Accordingly, I recommend:

(1) Authorization by the Board of Trustees of a staff housing research project for the construction, under the research supervision of the Small Homes Council, of about thirty single-family dwellings in Urbana-Champaign for rental to members of the staff, with provision for study and report.

(2) An appropriation of not to exceed \$325,000, to be supplemented by a loan on a self-liquidating basis, to cover the costs involved in the improvement of land, architectural services, building contracts, supervision and collection of research data required by the project, at a total estimated cost of \$412,000.

(3) Authorization to employ Skidmore, Owings, and Merrill, Architects, of Chicago, at a fee of \$16,000 for the following services: consultants to the Small Homes Council and the Physical Plant Department on design and construction, complete architectural services on preparation of working drawings, specifications, design and working drawings for site plan, utilities, grading, and supervision of construction.

(4) Utilization of an area of approximately ten acres of land in an eighty-acre tract now owned by the University at the southwest corner of Race Street and Florida Avenue, Urbana.

On request of President Stoddard, Professor Scheick commented on this matter.

After discussion, and on motion of Mr. Livingston, this matter was referred to the Committee on Buildings and Grounds for consideration and recommendation to the Executive Committee, and the Executive Committee was authorized to take action on the recommendation of the Committee on Buildings and Grounds.<sup>1</sup>

#### PURCHASE OF LAND FOR COLLEGE OF AGRICULTURE

(2) The University has been asked if it would be interested in acquiring a part or all of a half section (320 acres) of land immediately south of and adjoining the horticultural farm along the Race Street road. Additional land is needed by the Agricultural Experiment Station for research in problems of production and in veterinary medicine. This particular land is ideally located to serve both needs. This land has been appraised at \$600 an acre by real estate experts employed by the University. The Dean of the College of Agriculture recommends the purchase of the land at this price.

<sup>1</sup> See page 226 below.

I concur and request that the Board authorize the offer of an option for the purchase of this land at \$600 an acre.

This matter was referred to the Committee on Buildings and Grounds, with power to authorize the purchase of an option at a cost (for the option) of not to exceed one thousand dollars.<sup>1</sup>

#### HOUSING AT CHICAGO MEDICAL CENTER

(3) Mr. Newton C. Farr reported progress on financing two residential buildings for students and apartments for staff members in the Medical Center in Chicago.

Dr. Ivy and Mr. Farr commented on this matter.

#### SALE OF LAND FOR SITE OF Y.M.C.A.

(4) Mr. Farr recommends the sale to the Y.M.C.A. of two parcels of land on West Polk Street in Chicago, at the prices attached: 1935-1937 West Polk, 6250 square feet, \$3,125; 1949-1953 West Polk, 9031¼ square feet, \$9,031.25.

Dr. Ivy recommended that this sale be made, subject to the approval of the Committee on Chicago Departments.

On motion of Mr. Nickell, this matter was referred to the Committee on Chicago Departments for consideration and recommendation to the Executive Committee, and the Executive Committee was authorized to complete the sale, subject to stipulations previously approved by the Board, by the following vote: Aye, Mr. Davis, Mr. Fornof, Mrs. Holt, Mr. Livingston, Mr. McKelvey, Dr. Meyer, Mr. Nickell, Mr. Williamson; no, none; absent, Dr. Luken, Mr. McLaughlin, Mr. Stevenson.

#### REPORT OF EXECUTIVE COMMITTEE

(5) The Executive Committee of the Board of Trustees on December 9, approved the following recommendations received from the President's Office:

1. Award of a contract for the installation of a fuel oil distribution system in the Drill Field housing area to Gallaher and Speck, Inc., Chicago, in the amount of \$39,045.

On July 22, 1948 (Minutes, page 20), the Board of Trustees authorized the employment of the firm of Neiler, Rich, and Bladen, Chicago, for the purpose of making studies of the engineering phase of a centralized system for distributing oil to the Drill Field housing project.

The plan which this firm submitted eliminates the necessity of servicing the fifty-gallon ordinary oil drums, which are on racks in front of each building and used for fuel storage. The proposed system provides for four buried tank stations which will be connected with the buildings and to the individual heaters by means of a buried copper pipe and controlled by automatic device.

Seven firms were invited to bid, but only two bids were received for the installation of this system as follows:

Carson-Payson Company, Danville.....	\$43 952
Gallaher and Speck, Inc., Chicago.....	39 045

The bids provided that if more than three inches of frost are encountered, the cost will be increased on a sliding scale up to \$1.10 a foot.

The Director of the Physical Plant Department and the Comptroller recommended, the President's Office concurring therein, the award of a contract to the lower bidder, Gallaher and Speck, Inc. Funds were available for this installation from the income of the project. It is estimated that the installation will provide an annual saving of \$30,000 in labor costs.

2. Award of a contract for installation of steam lines in the Nurses Home at the Chicago Professional Colleges to Fettes, Love, and Sieben, Chicago, in the amount of \$1,747.

The following bids were received on the installation of a 3" high-pressure steam line and a 1½" return line in the basement of the Nurses Home at the

<sup>1</sup> See page 226 below.

Chicago Professional Colleges. This installation is needed to provide a dark room and a laboratory to be used in connection with the Medical Betatron.

Fettes, Love, and Sieben, Chicago.....	\$1 747
M. J. Corboy Co., Chicago.....	1 790
Gallaher and Speck, Inc., Chicago.....	1 885
Cutler & Price, Chicago.....	2 325

The Director of the Physical Plant Department and the Comptroller recommended, the President's Office concurring therein, the award of the contract to Fettes, Love, and Sieben in the amount of \$1,747. Funds were available.

This report was received for record.

#### ESTATE OF MRS. THOMAS ARKLE CLARK

(6) The will of the late Mrs. Alice V. B. Clark, widow of the late Dean Thomas Arkle Clark, includes the following bequest to the University:

*"Item 18:* All of the rest, residue and remainder of my property and estate I give and bequeath to the Trustees of the University of Illinois. Five Thousand Dollars (\$5,000) of said residue is to be held in trust and the interest accruing thereon is to be used by said Trustees for the maintenance of the equipment and the library of the Thomas Arkle Clark Recreation Room of the William B. McKinley Memorial Hospital. The remainder of said sum shall be held by said Trustees of the loan fund to be loaned in sums not exceeding Three Hundred Dollars (\$300) in any one year to any one student and to be loaned at Five Per Cent to undergraduate students only, preferably to juniors and seniors, upon their own notes, and under such other conditions and regulations as said Trustees may prescribe. The interest accruing on these loans shall be used for the equipment and maintenance of the William B. McKinley Memorial Hospital."

The personal property will inventory about \$80,000 and real estate about \$50,000. Specific bequests total \$68,000, which, plus costs of administration and claims, will come near to exhausting the \$80,000 of personal property, so that the University's interest is approximately the value of the real estate.

It appears that during her lifetime Mrs. Clark had promised to give the University Y.M.C.A. \$8,000 when convenient. Six payments, totaling \$2,600, were made on this pledge between June 28, 1938, and July 2, 1941. Subsequently Mrs. Clark became ill and Mr. Chancy L. Finfrock, Urbana, her attorney, was appointed Conservator for her. He took the position that as long as she was ill, it was not feasible to make any more gift payments. The Y.M.C.A. has asked the Estate to pay the balance of \$5,400 due on this pledge. Mr. Finfrock, who is also attorney for Mrs. Clark's Estate, believes there is no binding contract and that it was merely a promise to make a pledge which the Executor of the Estate is not authorized to pay. If payment is made, the \$5,400 will in effect come from the residuary estate in which the University is the beneficiary.

The claim is on file in probate proceedings. The attorney for the Estate has asked for instructions from the Board of Trustees as to whether the claim should be paid or contested.

It is clear (1) that the Court will decide the validity of the Y.M.C.A.'s claim, regardless of any action by the University, (2) that the Y.M.C.A. believes it has a just claim, (3) that, apart from this sum of \$5,400, there will be a substantial contribution to the loan funds of the University.

I recommend, therefore, that the University refrain from contesting any payment of this claim by the Executor of the Estate, should he decide to make such payment.

No action was taken on this matter.

#### REPORT OF FINANCE COMMITTEE ON INSURANCE PRACTICES

(7) On September 23, 1948, the Board received from the President an insurance report prepared by a temporary advisory committee, Dr. Leslie A. Bryan, chairman, to the Comptroller and the President, recommending certain principles and procedures relating to insurance. The matter was referred to the Finance Committee for study and report and the Committee reports as follows:

A. The Finance Committee recommends the following principles in determining which University risks are to be covered by insurance:

- I. Fire and extended coverage insurance is not recommended on University buildings or contents except:
    1. Where required by contract to which the University is a party.
    2. Where express or implied trusts are involved which place an obligation upon the University to carry insurance as a legal requirement of good trusteeship.
    3. Where the rental charge or other income is set on the basis of current rates and normally includes the cost of insurance.
    4. Where funds are provided voluntarily from outside sources to be used in the payment of insurance premiums.
  - II. Casualty insurance coverage is not recommended on University risks except:
    1. Where required by contract to which the University is a party.
    2. Where it is expedient to protect University employee interests.
    3. Where it is expedient to have competent inspection service for the prevention of accidents.
  - III. Burglary, robbery, and theft insurance coverage is not recommended on University risks except:
    1. Where it is expedient to protect the University against loss in the handling of all cash and securities.
    2. Where the rental charge or other income is set on the basis of current rates and normally includes the cost of insurance.
  - IV. Bond coverage is not recommended on University risks except:
    1. Where required by law.
    2. Where it is expedient to protect the University against fidelity loss in the handling of property.
  - V. Insurance is recommended for the hospital and medical service program for students under the special fee required of them and available to staff members.
- (The foregoing recommendations are as proposed by the Advisory Committee except that the Advisory Committee recommended against insurance of hospital and medical service. The Finance Committee does not concur in that recommendation.)
- VI. Coinsurance is recommended:
    1. Where a loan agreement or contract requires coverage to at least 80 per cent of the value of the property (fire and extended coverage).
    2. Where it is required by insurance contract in order to obtain the coverage desired.
    3. Where insurance is carried on income producing properties insured to at least 80 per cent of their value.
    4. The amount of coinsurance shall be determined as follows:
      - a. The requirements of a given contract.
      - b. Otherwise, 80 per cent shall be considered as standard.
    5. The insurable values of University property insured subject to coinsurance shall be determined and maintained as follows:
      - a. Valuation on buildings shall be determined and maintained by the Architectural Department of the Physical Plant except in those instances where the Physical Plant and the Business Office may feel outside valuations necessary.
      - b. Valuation of contents shall be determined by outside appraisals. The frequency or need for any upkeep service of such appraisals shall be left to the discretion of the Business Office.
  - B. The foregoing recommendations include (No. II-2) insurance in excess of the legal liability of the University (\$2,500 in each instance) for bodily injury and property damage in connection with automotive and aircraft equipment and protection of the operators of such equipment. This practice is followed by other departments of the State and we think that public policy dictates the continuation of this policy. The Finance Committee further concurs in the recommendation of the Vice-President of the Professional Colleges and the Dean of the College of Medicine that malpractice insurance be carried on the full-time staff engaged in the direct treatment and care of patients. This

also goes beyond the extent of the legal liability of the University but we believe should be provided.

- C. The Finance Committee recommends (as recommended by the Advisory Committee) that the following principles be followed in the procurement of insurance on risks which are to be covered by insurance:

I. All insurance on University risks shall be placed only with companies having at least an A policyholders' rating and AA financial rating by Best's most recent manual.

1. In determining the amount of insurance to be allocated to any one company, consideration shall be given to the amount of insurance to be placed in comparison with the financial rating of the company.

2. All liability policies shall contain a legal immunity endorsement prohibiting the insurance company from taking advantage of any legal immunity to which the University as a public institution might be entitled.

3. The policies placed with mutual companies shall be of the nonassessable type.

II. Fire and extended coverage on University risks shall be placed with stock and mutual companies at a ratio, as near as practicable, of 75-25 per cent respectively, except that individual risks which are under \$50,000 may be placed completely with either stock or mutual companies.

III. Competitive bids on all insurance shall be invited wherever practicable. Awards shall be made on the basis of the lowest gross bid. In the case of identically low bids, drawing by lots shall determine the placing of the coverage.

IV. One renewal of coverage with an agent, broker, or company shall be permissible except when it would be advantageous to procure new bids and, if resulting in lower rates or premiums, the coverage shall be placed with the low bidder and, in case the bids are identical, the insurance may be placed with the present agent, broker, or company unless better service can be secured from some other source.

- D. If the foregoing recommendations of the Committee are approved, previous actions of the Board concerning insurance on the University's property will thereby be repealed:

I. On October 5, 1926, the Board of Trustees authorized the Comptroller to renew insurance on nonfireproof buildings and contents in Chicago which expired during that year and to increase or decrease the insurance to keep it on an 80 per cent basis on valuation of buildings and contents.

II. The Board of Trustees on April 27, 1935, informally referred to the policy of the University in this respect to carry insurance on buildings and structures which were distinctly nonfireproof.

III. On June 15, 1935, the Board recommended that fire insurance be taken out on certain named buildings, including the old Medical Building, Dental Building, and Pharmacy Building, all located in Chicago; also farm buildings on the Carter-Pennell Farms, both north and south.

IV. On July 26, 1935, the Board recommended that insurance be placed on the Chemistry Building and contents because of the extra-hazardous condition of the building, subject to 80 per cent coinsurance. The Board further recommended that insurance be placed on the glass in all greenhouses of the University.

V. On February 20, 1943, the Board recommended that as all insurance policies expire, renewals for fire and extended coverage shall be made in suitable stock and mutual companies at a general ratio of 75-25 per cent; with not more than 25 per cent mutual on any one risk except that steam boiler insurance may be carried in full in mutual companies. (Replaced by No. II-2.)

KENNEY E. WILLIAMSON, *Chairman*  
CHESTER R. DAVIS  
FRANK H. MCKELVEY

On motion of Mr. Williamson, this report was adopted.



**REVISIONS IN BIENNIAL OPERATING BUDGET FOR 1949-1951**

(8) The biennial operating budget for 1949-1951, approved by the Board of Trustees on October 21, 1948 (Minutes, page 138), totaling \$72,271,742, was submitted to the Department of Finance prior to November 1, 1948, as required by law.

At the request of the Illinois Budgetary Commission, University officials appeared before the Commission at a hearing held in Springfield on December 15, 1948, to discuss the budget. The Commission did not consider the building program for 1949-1951 as it was at that time studying only operating budgets. President John R. Fornof, Mrs. Doris S. Holt, Messrs. Park Livingston, Kenney E. Williamson, Walter W. McLaughlin, Frank H. McKelvey, and Vernon L. Nickell of the Board of Trustees also attended the hearing. The budgetary needs of the University were presented by the President of the Board, the President of the University, and the Vice-President in Charge of the Chicago Professional Colleges.

On December 31, 1948, the Chairman of the Commission, Senator Everett R. Peters, informed the President of the University that the Commission would recommend to the Governor an appropriation to the University from the General Revenue Fund of \$54,271,742, instead of \$56,271,742 requested, plus an appropriation of \$16,000,000 from the University Income Fund, or a total of \$70,271,742 instead of \$72,271,742 requested by the University. This is a decrease of \$2,000,000 in the biennial budget approved by the Board of Trustees on October 21, 1948, but is a net increase of \$10,187,924 over the total operating appropriation for 1947-1949.

It would be undesirable to make any reduction in the increase requested for salaries and wages. No decrease can be made in the allocation to the University Retirement System or in the item of increase necessary to continue the present internal budget to the next biennium due to the fact that the 1948-1949 budget exceeds one-half of the biennial appropriation for 1947-1949. No decrease should be made in the amount requested for expense and equipment (recurring). This leaves only the increases for staff additions (\$2,362,142), and for nonrecurring equipment (\$803,572) as feasible areas for adjustments to conform with the recommendation of the Budgetary Commission.

I submit two schedules showing how these adjustments may be accomplished:

- I. Analysis of Increases by Purpose and Location. Original increases requested and proposed revisions.
- II. Budget Estimate for Operation 1949-1951 Biennium. Comparative budgets for 1947-1949, and for 1949-1951 as revised, classified according to expenditures and sources of funds in the standard form required by the Department of Finance.

I recommend that the item of nonrecurring equipment be omitted and that the increase requested for staff additions be reduced from \$2,362,142 to \$1,196,428. I further recommend that the Board reconsider its action of October 21, 1948, and approve a total budget of \$70,271,742 based on these adjustments.

The Comptroller and the Provost commented on the changes.

On motion of Mr. Williamson, the action of October 21, 1948 (Minutes, pages 138-42), was rescinded, and funds were reallocated as shown in schedule II following, by the following vote: Aye, Mr. Davis, Mr. Fornof, Mrs. Holt, Mr. Livingston, Mr. McKelvey, Dr. Meyer, Mr. Nickell, Mr. Williamson; no, none; absent, Dr. Luken, Mr. McLaughlin, Mr. Stevenson.

## SCHEDULE I

## BIENNIAL BUDGET FOR OPERATIONS, 1949-1951

ANALYSIS OF INCREASES BY PURPOSE AND LOCATION  
(With Tentative Allocation of Revision to Conform to  
Budgetary Commission Recommendation)

<i>Purpose</i>	<i>Biennial Total Requested</i>	<i>Tentative Allocation of Reduction</i>	<i>Biennial Total Revised</i>
For Academic Staff Additions.....	\$1 426 030	.....	.....
For Nonacademic Staff Additions (salary and wage staff).....	936 112	.....	.....
<i>Total Staff Additions</i> .....	(2 362 142)	\$1 196 428	\$1 165 714
Salary and Wage Increases (increases in rate of compensation):			
Academic and Administrative Staff...	2 983 246	.....	2 983 246
Nonacademic Salary and Wage Staff..	1 776 444	.....	1 776 444
<i>Total Salary and Wage Increases</i> ....	(4 759 690)	.....	(4 759 690)
Expenses and Equipment (recurring)...	1 244 850	.....	1 244 850
University Retirement System.....	791 420	.....	791 420
Nonrecurring Equipment.....	803 572	803 572	.....
<i>Total Increase Over 1948-1949 Budget</i>	\$9 961 674	\$2 000 000	\$7 961 674
Increase Necessary to Continue Present Internal Budget to Next Biennium, Due to the Fact That the 1948-1949 Budget Exceeds One-half of the Bi- ennial 1947-1949 Appropriation....	2 226 250	.....	2 226 250
<i>Total</i> .....	\$12 187 924	\$2 000 000	\$10 187 924
<i>Location</i> (the tentative distribution of this increase by location is as follows):			
Urbana-Champaign including state-wide extension and other services.....	\$6 769 552	Distribution of above reductions to be determined	
Chicago Professional Colleges.....	1 636 074		
Chicago Undergraduate Division.....	551 362		
Galesburg Undergraduate Division.....	213 266		
University Retirement System.....	791 420		
<i>Total Annual Increase Over 1948- 1949 Internal Budget</i> .....	\$9 961 674	\$2 000 000	\$7 961 674

## SCHEDULE II

## BUDGET ESTIMATE FOR OPERATION 1949-1951 BIENNium

## SUMMARY BY OBJECT AND FUND

(WITH APPROPRIATION FOR 1947-1949)

Revised to Conform to Budgetary Commission Recommendation

	<i>Appropriated 1947-1949</i>	<i>Proposed Increase</i>	<i>Proposed 1949-1951</i>
Personal Services:			
General Revenue and Mill Tax.....	\$34 945 620	\$8 196 504	\$43 142 124
University Income.....	8 500 000	-1 000 000	7 500 000
<i>Total Personal Services.....</i>	<i>\$43 445 620</i>	<i>\$7 196 504</i>	<i>\$50 642 124</i>
Contractual Services:			
General Revenue and Mill Tax.....	\$1 500 000	\$800 000	\$2 300 000
University Income.....	700 000	-100 000	600 000
<i>Total Contractual Services.....</i>	<i>\$2 200 000</i>	<i>\$ 700 000</i>	<i>\$2 900 000</i>
Office Expense:			
General Revenue and Mill Tax.....	\$400 000	.....	\$400 000
Travel:			
General Revenue and Mill Tax.....	350 000	.....	350 000
Commodities:			
General Revenue and Mill Tax.....	3 000 000	1 300 000	4 300 000
University Income.....	3 500 000	-300 000	3 200 000
<i>Total Commodities.....</i>	<i>\$6 500 000</i>	<i>\$1 000 000</i>	<i>\$7 500 000</i>
Equipment:			
General Revenue and Mill Tax.....	\$1 700 000	\$100 000	\$1 800 000
University Income.....	1 000 000	-100 000	900 000
<i>Total Equipment.....</i>	<i>\$2 700 000</i>	<i>.....</i>	<i>\$2 700 000</i>
Contributions to University Retirement System:			
General Revenue and Mill Tax.....	\$788 198	\$791 420	\$1 579 618
Permanent Improvements:			
General Revenue and Mill Tax.....	400 000	.....	400 000
Refunds:			
University Income.....	300 000	.....	300 000
Contingencies:			
University Income.....	3 000 000	500 000	3 500 000
Total:			
General Revenue and Mill Tax.....	43 083 818	11 187 924	54 271 742
University Income.....	17 000 000	-1 000 000	16 000 000
<i>Total.....</i>	<i>\$60 083 818</i>	<i>\$10 187 924</i>	<i>\$70 271 742</i>

**ELECTRONIC DIGITAL COMPUTER PROJECT**

(9) On January 8, 1948 (Minutes, page 954), the Board of Trustees authorized the purchase of an electronic digital computer (EDVAC) at an estimated cost of \$150,000 from the Reeves Instrument Company, Inc., New York, and funds were made available for this purpose.

This is highly specialized equipment and the machines are constructed on a limited basis so that each one is practically a custom job. It has been determined that the Reeves Company can not supply the University with a machine meeting specifications in a reasonable length of time and is willing to terminate the contract. The alternative is for the University to construct the machine under the supervision of its own experts. There is also a very good possibility that the United States Army will contract with the University for the construction of a computer by the University for the Ordnance Department, all costs of the same to be paid by the Government. The negotiations are now under way and if successful a proposed contract will be presented to the Board at a later date. The construction of two machines concurrently should result in saving to the University.

I recommend that the Board of Trustees reconsider its action of January 8, 1948, and authorize (1) the construction of the electronic digital computer by the University; (2) the use of the funds previously assigned (\$75,000 from General Reserve, \$75,000 from Graduate College Research, total \$150,000) for salaries, wages, equipment, building remodeling, and contingencies as the detailed needs of the computer construction program may require; and (3) negotiation of a contract with the Ordnance Department, United States Army, for the construction of a computer for the Army, said contract to be subject to approval by the Board.

On motion of Mr. Williamson, the action of January 8, 1948 (Minutes, page 954), was rescinded and the funds were reallocated as recommended, by the following vote: Aye, Mr. Davis, Mr. Fornof, Mrs. Holt, Mr. Livingston, Mr. McKelvey, Dr. Meyer, Mr. Nickell, Mr. Williamson; no, none; absent, Dr. Luken, Mr. McLaughlin, Mr. Stevenson.

**SPECIAL APPROPRIATIONS FOR NONRECURRING EXPENDITURES**

(10) The Committee on Special Appropriations and Nonrecurring Expenditures recommends assignments from the General Reserve Fund for the following purposes:

1. Office of Nonacademic Personnel for ventilating the attic of Davenport House.....	\$ 2 325
2. Office of Admissions and Records for equipment.....	5 000
3. Dean of Students for equipment.....	2 500
4. College of Agriculture for equipment.....	100 000
5. College of Liberal Arts and Sciences	
For equipment.....	15 000
For safety improvements in Noyes Laboratory.....	50 000
6. College of Engineering for equipment.....	125 000
7. College of Fine and Applied Arts for equipment.....	15 000
8. College of Education for equipment.....	6 500
9. Graduate College for purchase of electron microscope.....	2 495
(The total cost of this microscope is \$4,990; the Research Board will contribute the other half of the cost.)	
10. Library and Library School for equipment.....	4 000
11. Physical Plant Department	
Development of parking areas.....	28 667
Temporary central receiving station.....	22 000
12. Chicago Professional Colleges	
Remodeling and equipment in Business Office.....	3 000
Special equipment.....	100 000
Improvements in Department of Physical Medicine.....	110 000
13. Physical Environment Unit, Chicago and Urbana.....	48 000
14. Galesburg Undergraduate Division for library shelves.....	2 000
<i>Total</i> .....	<u>\$641 487</u>

I concur, with the recommendation that all funds be subject to release by the President of the University according to (a) the relative priority of research and educational needs, and (b) the availability of labor and materials to complete alterations and other construction.

On motion of Mr. Livingston, these recommendations were adopted, and the appropriations were made as recommended, by the following vote: Aye, Mr. Davis, Mr. Fornof, Mrs. Holt, Mr. Livingston, Mr. McKelvey, Dr. Meyer, Mr. Nickell, Mr. Williamson; no, none; absent, Dr. Luken, Mr. McLaughlin, Mr. Stevenson.

#### **DIVISION OF SOCIAL WELFARE ADMINISTRATION**

(11) I recommend that the Division of Social Welfare Administration, which has heretofore been administered under the Graduate College, be given independent status similar to that of the independently organized schools and institutes.

On motion of Mr. Livingston, this change was made as recommended.

#### **PRESIDENT STODDARD REPORTS ON UNESCO**

At this point, on request of Mr. Williamson, President Stoddard reported informally on the recent session of UNESCO at Beirut, Lebanon.

#### **OPEN SESSION**

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

#### **APPOINTMENT OF ACTING HEAD OF THE DEPARTMENT OF ENGLISH**

(1) Dean Henning Larsen of the College of Liberal Arts and Sciences is also Professor and Head of the Department of English and Acting Head of the Department of Classics. He has asked to be relieved of some of these administrative duties.

On his recommendation I have appointed Professor Paul N. Landis, who has been serving as Vice-Chairman of the Department, as Acting Head of the Department of English from February 1 through August 31, 1949.

On motion of Mrs. Holt, the action of the President of the University in making this appointment was approved and confirmed.

#### **AWARD OF CERTIFICATES OF CERTIFIED PUBLIC ACCOUNTANT**

(2) The Committee on Accountancy recommends that the certificate of Certified Public Accountant be awarded the following persons on the basis of their having fulfilled all of the requirements and having passed the C.P.A. examination which was given in November, 1948:

EARL WARREN ALLEN  
WARREN LEWIS ALSBERG  
ROBERT ARONSON  
PAUL GUDMUNDUR ASGEIRSON  
WALTER ROBERT BARON  
BENJAMIN Q. BECKERMANN  
MANFRED HULGAR BENGTSOHN  
THEODORE BERGER  
SIDNEY WILLIAM BERMAN  
JOHN JOSEPH BIEG  
ROBERT PHILIP BLEICHER  
DONALD NORMAN BOTSFORD  
WAYNE STRUVE BOUTELL  
FRANCIS VIRGIL BOYD  
FRED CAHNMANN  
LEONARD WILLIAM CAMPBELL  
ROBERT THOMAS CAMPION

BERTRAM LIONEL CHEZ  
ALOIS FRANK CINA  
BERNARD FRANCIS CINKOSKE  
THOMAS FRANCIS CLARK, JR.  
JOHN CHRISTIAN WALTER CLEMENS  
LLOYD TRUMAN CLEMETSEN  
RALPH GILBERT CONGER  
LAWRENCE JOHN DESMOND  
ROBERT LOUIS DICKE  
ROBERT FELIX DICKEY  
LEO VINCENT DIETER  
LAWRENCE STRODE DUNHAM  
OLIN NEILL EMMONS  
ERSKINE PHELPS EUSTICE, JR.  
ANTHONY PHILIP FALDUTO  
THOMAS BERT FAULS  
CHARLES WOLFGANG FIELD

WALLACE EDWIN FINKE  
 ROBERT EARL FISH  
 JOHN SARSFIELD FLANNERY  
 JAMES ELROD FLETCHER  
 LAWRENCE EUGENE FRAZEE  
 LEWIS SAMUEL FROST  
 JOSEPH THOMAS GAISER  
 BERNARD JERALD GARFINKEL  
 FRED W. GEYLER  
 ABE MYRON GOLDRICH  
 WILLIAM EARLE GREENE  
 ALBERT CLARENCE GREER  
 SAMUEL JOHN GUY  
 PHILIP B. HAHN  
 NEWTON FRANKLIN HAMPEL  
 NORMAN HANDELSMAN  
 JEROME HARRIS  
 RAYMOND VICTOR HIRST  
 GORDON CROME HORTIN  
 WALTER MARK HORWICH  
 GEORGE E. HUNT, JR.  
 ARTHUR JAMES HUTTON  
 WILLIAM MYRON IKERT  
 ARTHUR ROLAND KELLER, JR.  
 WARREN ERNEST KING  
 RICHARD FRANKLIN KRATOCHWILL  
 EDWARD JOHN KREGG  
 LOUIS KUIPERS  
 GEORGE MILTON LEAVITT  
 RICHARD STANLEY LEDERMANN  
 HENRY FRED LEVIN  
 AREN ARNOLD LEWIS  
 KULLERVO LOUHI  
 DAVID ALLEN MACKIE  
 ABRAHAM A. MADDEN  
 PAUL LEO MARCINKOSKA  
 EUGENE FREDERICK MCBRIDE  
 WILLIAM FRANCIS MCGINN  
 MORRIS ALBERT MEERSON  
 VICTOR ERIC MERTINS  
 CHARLENE RHODA MILLER  
 WILLIAM ANTHONY MINARICH  
 HAROLD BENJAMIN MINKUS  
 HARVEY EARLE MITTENTHAL  
 MITSUKAZU MIYAKE  
 JAY SHERWIN MORRIS

SHELDON ALFRED MORRISON  
 JOHN THOMAS MURRAY  
 ROBERT WILLIAM MYERS  
 JOSEPH FERDON NEIL, JR.  
 ROBERT E. NELSON  
 SAMUEL NEWMAN  
 EDWARD HAROLD NOEHRE  
 FRANCIS BORGIA O'BRIEN  
 HENRY ROBBINS ODELL  
 BENJAMIN P. O'NEILL  
 SAMUEL JACKSON OSHEROFF  
 SIDNEY PANCOE  
 KENNETH HAROLD PRICE  
 MORTON DENNISON PROUTY, JR.  
 THOMAS FRANKLIN RAMSEY, JR.  
 MATTHEW C. RAYNARD  
 RICHARD FRED REINCKE  
 DONOVAN CAMPBELL ROBERTS  
 BERNARD HARRIS ROSS  
 JAMES WARREN ROWLAND  
 JULIAM RICHARD SAYRE  
 ARTHUR EDWARD SERWICH  
 HAROLD EDWARD SEYLLER  
 OSCAR SHIRMAN  
 VICTOR HOWARD SHULMAN  
 PHILIP SLUTZKY  
 JACK CARSON SMITH  
 LEROY ALEXANDER SMITH  
 LEO JOHN SOKOL  
 ALEX SOLL  
 PAUL HORACE SPENCER  
 JOHN HAROLD STAFFORD  
 ROBERT EDWARD STAUFFER  
 CHARLES WILLIAM STROEPHER  
 LAWRENCE MAYES SUMMERVILLE  
 GORDON RAYMOND TELLING  
 HARTLEY WILLIAM VOIGT  
 HAYS THOMAS WATKINS, JR.  
 RAYMOND S. WEISLER  
 MELBOURNE DAILL WELLS  
 HALE CHRISTY WHITCOMB  
 JOSEPH DAVID WOLGEL  
 DICK YIN WONG  
 VYTOLD CHARLES YASUS  
 EARL FRANCIS YOUNG

The Committee also recommends that the following persons, who hold unrevoked C.P.A. certificates issued by other states or territories of the United States, be awarded certificates under Section 5 of the Accountancy Act of 1943. They have presented evidence to the Committee that they are properly qualified:

ALBERT D. BERNING (Ohio)  
 JOSEPH EDWARD BURKE (N.Y.)  
 GEORGE OSCAR CARLSON (Tex.)  
 WILLIAM DICKERSON CONKLIN (N.Y.)  
 CLAUDE RAYMOND GILES (Wis.)  
 ROBERT HENRY GREGORY (Tex.)  
 JAMES RAY HARRIS (Okla.)  
 ARTHUR HENRY KLOTZ (Ind.)  
 CLARENCE HENRY KOEBBE (Mich.)  
 JOHN A. LINQUIST (N.Y.)  
 JAMES JOSEPH MAHON, JR. (Pa.)  
 CLARENCE BOYD NEVILLE (Tex.)

VIRGIL GRANT ORCUTT (Mo.)  
 ALBERT NEWTON PATTON (Ohio)  
 GLENN ORRIN PETTY (Pa.)  
 JOHN CLARKSON POTTER (Mass.)  
 EDWARD CARL PRELLWITZ (Wis.)  
 JEAN WILSON ROGERS (Mo.)  
 GUSTAVE FREDERICK SCHWEITZER (Pa.)  
 WILLIAM JOHN SLAIS (Mo.)  
 HASSEL TIPPLIT (Ohio)  
 LOUIS CARL WEISS (Ohio)  
 ALVIN THOMAS WILKINSON (Mass.)

I concur.

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

### CURRICULUM IN PHYSICAL EDUCATION LEADING TO DEGREE OF BACHELOR OF SCIENCE IN RECREATION

(3) The University Senate recommends the establishment of an option in the School of Physical Education curriculum leading to the degree of Bachelor of Science in Recreation. The degree would be awarded upon completion of the program outlined below for the junior and senior years following completion of the first two years of basic work in the School of Physical Education:

*First Year:* Substitute D.G.S. 131-132, General Biology, for Physiol. 104-105, Physiological Anatomy.

*Second Year:* Omit Ed. 100, The American Public School; Hist. 152, History of the United States, 1822-1948; P.E.M. 160, Health Problems of School Children; the Humanities elective course and the two teaching minors courses. Add Sociology 100, Principles of Sociology; Art 187, Craft Materials and Technics; P.E.M. 201, First Aid; P.E.M. 203, Principles of Recreation; Pol. Sci. 150, American Government: Organization and Powers; and Music (new course), Recreational Music.

#### Third Year

FIRST SEMESTER	HOURS	SECOND SEMESTER	HOURS
Sociol. 332—Prevention and Treatment of Juvenile Delinquency . . .	3	Sociol. 375—The Community . . . . .	3
Ed. 109—Educational Psychology . . .	3	Bot. 306 or Zool. 306—Biology for Teachers . . . . .	2
Speech 203—Dramatics for Teachers of English . . . . .	3	P.E.M. 206—Organization of Aquatic Programs . . . . .	2
P.E.M. 208—Organization of Extracurricular Sports . . . . .	3	P.E.M. 210—Inspection Trip . . . . .	0
P.E.M. 212—Group Dancing . . . . .	2	P.E.M. 211—Social Recreation Activities . . . . .	2
Minor . . . . .	3	Minor . . . . .	3
		Electives . . . . .	4
<i>Total</i> . . . . .	17	<i>Total</i> . . . . .	16

#### Fourth Year

S.W.A. 220—Introduction to Social Work . . . . .	3	S.W.A. 222—Introduction to Social Group Work . . . . .	2
P.E.M. 221—Organization of Recreation Programs . . . . .	3	P.E.M. 223—Recreation Field Work . . .	3
P.E.M. 222—Recreation Field Work . . .	3	Minor . . . . .	3
Minor . . . . .	3	Electives . . . . .	7
Electives . . . . .	3		
<i>Total</i> . . . . .	15	<i>Total</i> . . . . .	15

Summarized the total requirements of the curriculum are as follows:

	HOURS	
Physical Education.....	44	
Social Studies.....	17	
Biological Science.....	14-16	
Rhetoric and Speech.....	12	
Psychology.....	7	
Art and Music.....	4	
Military.....	4	
Minor in:		
Biological Science	}	12
Social Studies		
English and Speech		
Psychology		
Fine Arts		
Electives.....		16-14
<i>Total</i> .....		130

The purpose of the curriculum is to train recreation leaders, youth leaders, and similar workers for employment in public, industrial, and other types of recreation programs requiring trained leadership. There are several hundred people employed in this work in Illinois, most of whom are not professionally trained. In recent years there has been a demand for trained personnel.

On motion of Mr. Nickell, this curriculum was approved as recommended.

#### **RELEASE OF FUNDS FOR BUILDING AND CAPITAL IMPROVEMENTS**

(4) The Governor has authorized the following release of funds from appropriations made to the University of Illinois by the 65th General Assembly under Senate Bill 662, "An Act making appropriations for certain additional ordinary, contingent, and distributive expenses of State government," which includes appropriations to the University for buildings and other capital improvements as follows:

"For Contingencies to cover expenditures for purposes for which the amount appropriated in any item above enumerated is or becomes insufficient .....\$618 845"

the sum of \$85,000 (the eighth release from this item), to augment Release No. 5 in the amount of \$2,000,000 for the "construction of student residence halls," which amount was insufficient to complete this project.

On motion of Mr. McKelvey, these funds were appropriated for the "construction of student residence halls," by the following vote: Aye, Mr. Davis, Mr. Fornof, Mrs. Holt, Mr. Livingston, Mr. McKelvey, Dr. Meyer, Mr. Nickell, Mr. Williamson; no, none; absent, Dr. Luken, Mr. McLaughlin, Mr. Stevenson.

#### **LAPSING OF BALANCES IN APPROPRIATIONS FOR MINOR REMODELING AND PLANT EXTENSIONS**

(5) At present there are approximately one hundred and twenty special Board of Trustee appropriations on the records for minor remodeling and plant extensions.

Since this is the last year of the biennium, it is important that careful control be maintained of these appropriations so that balances not needed for specific purposes will lapse into the General University Reserve and be available for additional appropriation. Since these appropriations are for remodeling, in which the amount of work to be done can not always be exactly determined until after work has been started, the appropriations based on original estimates in some instances are inadequate and in the others more than necessary.

The Comptroller requests authority, in lapsing of appropriations from general University funds for minor remodeling and plant extensions, to apply such lapses to deficits in appropriations of a similar character.

I concur and recommend approval.

On motion of Mr. McKelvey, authority was given the Comptroller as recommended.

#### **APPROPRIATION FOR REPLACEMENT OF NEWTON SOIL EXPERIMENT FIELD BUILDING AND EQUIPMENT**

(6) The barn at the Newton Soil Experiment Field and all equipment and materials stored in it were destroyed by fire of unknown origin during the night of December 3. The building, constructed in 1942 (to replace one that had been destroyed by lightning), was considered reasonably fireproof. It was built with glazed tile block walls, hardwood bracing and rafters; the sheathing was sycamore, the roof was shingle, and the floor was of concrete consisting of one-half inch of finishing cement over a five-inch base. The fire destroyed much of the cement surface and there appears to be little salvage in the tiles. Machinery and supplies (including seed) were either damaged beyond repair or consumed, with the possible exception of a roller and tractor plow, and the wagon scale which was outside of the building.

The building cost \$1,978.02; the equipment, \$4,483.95; total cost, \$6,461.97.



The replacement of the building will undoubtedly cost twice as much as the original cost in 1942. Hence the loss is approximately \$8,500.

I recommend that an appropriation of \$8,500 be made from the General Reserve Fund to replace the building and equipment lost in this fire.

On motion of Mrs. Holt, this appropriation was made as recommended, by the following vote: Aye, Mr. Davis, Mr. Forno, Mrs. Holt, Mr. Livingston, Mr. McKelvey, Dr. Meyer, Mr. Nickell, Mr. Williamson; no, none; absent, Dr. Luken, Mr. McLaughlin, Mr. Stevenson.

#### **PATENT ON N,N-DIMETHYLACETAMIDE AS A SOLVENT FOR POLYACRYLONITRILE**

(7) Professor C. S. Marvel reports the discovery by himself and Assistant Professor Robert L. Frank of a compound "N,N-dimethylacetamide" as a solvent for polyacrylonitrile.

Ordinarily the discovery of a solvent is of little significance but in the present instance it may be of some value because polyacrylonitrile can be spun into fibers from solution. One of the chemical industries is setting up a plant for doing that. They have many solvents at their disposal, some of which are superior to N,N-dimethylacetamide, but even so the possession of a patent on the latter may be worth while although it is not important enough to warrant appreciable expense on the part of the University.

The Chairman of the University Research Board after consultation with experts in the Department of Chemistry recommends that this discovery be released to Professor Marvel as agent of the University of Illinois Foundation.

I concur.

On motion of Mr. Davis, this release was authorized as recommended.

#### **PURCHASES**

(8) There are submitted recommendations for purchases for approval by the Board (see Appendix, page 233).

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

#### **COMPTROLLER'S REPORT OF CONTRACTS**

(9) The Comptroller's report of contracts executed for the period from October 11, 1948, to December 10, 1948 (see Appendix, page 235).

This report was received for record.

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

At this point, 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. FRED PATRICK BARNES, Assistant Professor in the College of Education, beginning September 1, 1949, at an annual salary of \$5,200.

2. ROBERT FERBER, Research Assistant Professor in the Bureau of Economic and Business Research, for the period from December 1, 1948, to August 31, 1949, at an annual salary rate of \$6,110.

3. ALFRED M. FREUDENTHAL, Research Professor in the Department of Theoretical and Applied Mechanics, beginning September 1, 1949, at an annual salary of \$10,000, on indefinite tenure.

4. JAMES FREDERIC HALSEY, Research Assistant Professor of Fluid Mechanics in the Department of Theoretical and Applied Mechanics, beginning September 1, 1949, at an annual salary of \$5,000. (Two-year appointment.)

5. FRANCO MODIGLIANI, Research Associate Professor in the Bureau of Economic and Business Research, from November 15, 1948, to August 31, 1949, at an annual salary rate of \$9,500.

6. ROBERT ELDON PINGRY, Assistant Professor in the College of Education, beginning February 1, 1949, at an annual salary rate of \$4,000.

On motion of Mr. Livingston, the action of the President of the University in making these appointments was confirmed.

#### REPORT OF AUDIT OF UNIVERSITY ACCOUNTS

(10) The Secretary of the Board reports that he has received from George Rossetter and Company, auditors of the University, the report of their examination of the accounts of the University for the year ended June 30, 1948. Copies of the report have been sent to President Stoddard and all the members of the Board of Trustees. The report includes a certification of the balance sheet, a statement of current income and expenditures and current funds surplus, and a summary of changes in the balances of other funds.

This report was received for record.

#### INVESTMENTS

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

##### ENDOWMENT FUNDS

##### *Purchases:*

36 shares Standard Oil Company (N.J.) Common Stock.....	\$2 584 07
50 shares General Motors Common Stock.....	2 834 98
50 shares Eastman Kodak Common Stock.....	2 200 90
\$1,000 Wilson and Company 1st 3's, 1958.....	1 035 50

On motion of Mr. Williamson, these investments were approved.

#### APPOINTMENT OF UNIVERSITY AUDITORS

(12) The Finance Committee recommends that the firm of George Rossetter and Company, Certified Public Accountants, Chicago, be retained as auditors for the year ending June 30, 1949, and that their services be charged on the basis of a per diem rate and expenses, with the understanding that the aggregate charge will not exceed the following sums:

University of Illinois (all divisions).....	\$9 000
University of Illinois Foundation (including Retirement System) .....	500
University of Illinois Athletic Association (including Retirement System).....	750

These maximum costs are based on the assumption that if the auditors go beyond the scope of usual examination, further compensation for such additional work will be allowed after review and approval by the Finance Committee.

On motion of Mr. Williamson, the employment of George Rossetter and Company was authorized as recommended.

#### ADDITION TO CONTRACT FOR GENERAL WORK ON THE MECHANICAL ENGINEERING BUILDING

(13) On February 21, 1948 (Minutes, page 1002), the Board of Trustees approved an addition to the contract for general work on the Mechanical Engineering Building to provide more classrooms in the basement of the building. At that time it was decided to defer action on the installation of asphalt tile in this area until funds would be available for such an improvement.

Funds are now available and the Mechanical Engineering Department recommends that asphalt tile be laid in the basement to finish these rooms in the same manner as other rooms in the building.

The Director of the Physical Plant and the Comptroller recommend an addition to the contract with James McHugh Sons, Incorporated, contractors for the general work on this building, in the amount of \$3,594.91 to provide for the furnishing and installation of the asphalt tile.

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

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

#### **ADDITION TO CONTRACT FOR REMODELING OF DAVID KINLEY HALL**

(14) The Director of the Physical Plant Department and the Comptroller recommend an increase of \$1,800 in the general contract with E. N. DeAtley for the remodeling of David Kinley Hall for additional work on the ground floor room and in the elevator shaft in the attic to provide additional classroom space. Funds are available for this increase.

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

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

#### **ADDITION TO PLUMBING CONTRACT FOR STUDENT AND STAFF APARTMENTS**

(15) The Director of the Physical Plant Department and the Comptroller recommend an increase of \$6,949 in the contract with E. M. Hays, Champaign, for the plumbing work in the construction of the student and staff apartments, Urbana, to provide for the installation of a fire protection system. Funds are available.

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

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

#### **CONTRACT FOR REMODELING PHYSICAL EDUCATION FACILITIES AT CHICAGO UNDERGRADUATE DIVISION**

(16) On November 19, 1948 (Minutes, page 174), the Board of Trustees approved an appropriation of \$35,000 for remodeling at Navy Pier to provide additional physical educational facilities.

Bids have been received on the construction work needed on the Auditorium in connection with this project. The Director of the Physical Plant Department and the Comptroller recommend award of the contract to E. H. Marhoefer, Jr., Company, Chicago, the lowest bidder, in the amount of \$12,833.

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

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

#### **CONTRACT FOR BUILDING ALTERATIONS IN THE RESEARCH AND EDUCATIONAL HOSPITALS**

(17) The Committee on Special Appropriations and Nonrecurring Expenditures has made a recommendation for an appropriation of \$110,000 for building improvements requested by the College of Medicine in the Department of Physical Medicine.

The work will consist of remodeling in the general hospital building and the Illinois Surgical Institute building, and the construction of an enclosed passageway in which certain offices will be located between the two buildings.

If the Board approves the appropriation, the Director of the Physical Plant Department and the Comptroller recommend the award of a contract in the amount of \$86,675 to E. H. Marhoefer, Jr., Company, Chicago, the lowest bidder.

I concur.

On motion of Mr. Nickell, this contract was awarded as recommended.

#### **WOMEN'S RESIDENCE HALLS REVENUE BONDS**

At this point, Mr. Williamson presented the following report and recommendations of the Finance Committee, with a resolution providing for the issue of "\$800,000 Women's Residence Halls Revenue Bonds of 1949," and for the sale of the bonds to Shields and Company, and Eastman, Dillon, and Company, on their joint bid.

### RECOMMENDATION OF THE FINANCE COMMITTEE ON WOMEN'S RESIDENCE HALLS REVENUE BOND ISSUE

Bids were received on January 11, 1949, for \$800,000 revenue bonds of the new Women's Residence Halls. The proceeds from the sale of these bonds, together with the appropriation of \$2,600,000 by the General Assembly of the State of Illinois will provide the total sum of \$3,400,000 for the cost of constructing and equipping the new Women's Residence Halls.

Five bids were received representing fifteen companies. The lowest bid is offered by Shields and Company and Eastman, Dillon, and Company as a joint bid with an effective interest rate of 2.71815 per cent for all bonds. Bonds maturing through 1952 will bear interest at 4 per cent; bonds maturing from 1953 through 1961 will bear interest at the rate of  $2\frac{1}{2}$  per cent; and bonds maturing from 1962 through 1973 will bear interest at the rate of  $2\frac{3}{4}$  per cent.

The bidders have proposed that the bonds, principal, and interest be payable at the Northern Trust Company, Chicago.

The Comptroller reports that the lowest bidders have met all requirements and recommends that the award be made to them.

In connection with this issue of bonds, the firm of Chapman and Cutler have prepared a resolution authorizing the issuance of Women's Residence Halls revenue bonds in the amount of \$800,000.

The Finance Committee concurs in the foregoing recommendation and recommends the adoption of this resolution.

Mr. Williamson moved that the resolution be adopted and that the award be made as recommended.

### RESOLUTION AUTHORIZING THE ISSUANCE OF WOMEN'S RESIDENCE HALLS REVENUE BONDS IN THE AMOUNT OF \$800,000

RESOLUTION authorizing and providing for the issue of \$800,000 Women's Residence Halls Revenue Bonds of 1949 for the purpose of defraying part of the cost of constructing new women's residence halls located at 1005 South Lincoln Avenue, Urbana, Illinois, prescribing all the details of said bonds, and providing for the collection, segregation and distribution of the revenues of the said new women's residence halls, for the purpose of paying the cost of the maintenance and operation thereof, and payment of the principal of and interest on said revenue bonds.

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

WHEREAS the Sixty Fourth and the Sixty Fifth General Assembly of the State of Illinois appropriated the sum of \$2,600,000 applicable to the construction of new women's residence halls and responsive to said appropriations this Board of Trustees has heretofore acquired the property located at 1005 South Lincoln Avenue, Urbana, Illinois, and described as follows:

"Bounded on the east by Lincoln Avenue in Urbana, Illinois and extending west therefrom to a line running north and south three hundred and twenty six (326) feet five (5) inches from the back of the west curb of said Lincoln Avenue and bounded on the north and south by lines parallel to, and two hundred and sixty (260) feet from, a line midway between the center lines of Ohio Street and Iowa Street, Urbana, Illinois and at an angle of ninety (90)

degrees to said Lincoln Avenue, the same being a part of the North Half ( $N\frac{1}{2}$ ) of the South East Quarter ( $SE\frac{1}{4}$ ) of Section Eighteen (18), Township Nineteen (19) North of Range Nine (9) East of the Third (3rd) Principal Meridian" and contracts have been let for the construction and equipment of said residence halls for women students of said University, 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 the new women's residence halls upon said above described property located at 1005 South Lincoln Avenue, complete with all equipment, will aggregate the sum of \$3,400,000; and

WHEREAS in addition to said appropriations made by the Sixty Fourth and Sixty Fifth General Assembly of the State of Illinois it will be necessary for this Board of Trustees to raise the sum of \$800,000 to complete the construction thereof and fully equip said women's residence halls; and

WHEREAS in order to produce the additional \$800,000 necessary for the completion and equipment of said women's residence halls located on the property hereinabove described at 1005 South Lincoln Avenue 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 \$800,000 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 \$800,000 to complete the construction of and to fully equip the new women's residence halls located on the property described in the preambles of this resolution at 1005 South Lincoln Avenue, in the City of Urbana, Illinois, and in evidence thereof issue its revenue bonds in the principal amount of \$800,000.

SECTION 2. That said bonds shall be designated "Women's Residence Halls Revenue Bonds of 1949," be numbered 1 to 800, inclusive, be of the denomination of \$1,000 each, be dated February 15, 1949, bonds numbered 1 to 70, inclusive, to bear interest at the rate of four per cent (4%) per annum, bonds numbered 71 to 334, inclusive, to bear interest at the rate of two and one-half per cent ( $2\frac{1}{2}\%$ ) per annum, and bonds numbered 335 to 800, inclusive, to bear interest at the rate of two and three fourths per cent ( $2\frac{3}{4}\%$ ) per annum, interest payable October 1, 1949, 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>
\$11,000.....	1- 11 incl.....	April 1, 1950
11,000.....	12- 22 ".....	October 1, 1950
12,000.....	23- 34 ".....	April 1, 1951
12,000.....	35- 46 ".....	October 1, 1951
12,000.....	47- 58 ".....	April 1, 1952
12,000.....	59- 70 ".....	October 1, 1952
13,000.....	71- 83 ".....	April 1, 1953
13,000.....	84- 96 ".....	October 1, 1953
13,000.....	97-109 ".....	April 1, 1954
13,000.....	110-122 ".....	October 1, 1954
14,000.....	123-136 ".....	April 1, 1955
14,000.....	137-150 ".....	October 1, 1955
14,000.....	151-164 ".....	April 1, 1956
14,000.....	165-178 ".....	October 1, 1956
14,000.....	179-192 ".....	April 1, 1957
15,000.....	193-207 ".....	October 1, 1957
15,000.....	208-222 ".....	April 1, 1958
15,000.....	223-237 ".....	October 1, 1958
15,000.....	238-252 ".....	April 1, 1959
16,000.....	253-268 ".....	October 1, 1959
16,000.....	269-284 ".....	April 1, 1960
16,000.....	285-300 ".....	October 1, 1960
17,000.....	301-317 ".....	April 1, 1961

<i>Principal Amount</i>	<i>Bond Numbers</i>	<i>Maturity Dates</i>
\$17,000.....	318-334 incl.....	October 1, 1961
17,000.....	335-351 ".....	April 1, 1962
18,000.....	352-369 ".....	October 1, 1962
18,000.....	370-387 ".....	April 1, 1963
18,000.....	388-405 ".....	October 1, 1963
18,000.....	406-423 ".....	April 1, 1964
19,000.....	424-442 ".....	October 1, 1964
19,000.....	443-461 ".....	April 1, 1965
19,000.....	462-480 ".....	October 1, 1965
20,000.....	481-500 ".....	April 1, 1966
20,000.....	501-520 ".....	October 1, 1966
21,000.....	521-541 ".....	April 1, 1967
21,000.....	542-562 ".....	October 1, 1967
21,000.....	563-583 ".....	April 1, 1968
21,000.....	584-604 ".....	October 1, 1968
22,000.....	605-626 ".....	April 1, 1969
22,000.....	627-648 ".....	October 1, 1969
23,000.....	649-671 ".....	April 1, 1970
23,000.....	672-694 ".....	October 1, 1970
24,000.....	695-718 ".....	April 1, 1971
24,000.....	719-742 ".....	October 1, 1971
24,000.....	743-766 ".....	April 1, 1972
25,000.....	767-791 ".....	October 1, 1972
9,000.....	792-800 ".....	April 1, 1973

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, 1952, and up to and including October 1, 1953, at par and accrued interest and a premium of three per cent (3%) of the principal amount thereof and a premium of two per cent (2%) of the principal amount thereof if redeemed on April 1, 1954, 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 any time prior to maturity in the name of the holder on the books of registration of said University to be kept in the office of the Depositary hereinafter mentioned, such registration to be noted on the reverse side of the bonds by the said Depositary as registrar. After such registration no transfer of such bonds shall be valid unless made on the said books by the registered owner in person or by his duly authorized attorney and similarly noted on such bonds. Upon presentation of any of such bonds registered as to principal, accompanied by a written instrument of transfer satisfactory to the Depositary hereinafter mentioned, executed by the registered owner, or by a duly authorized attorney, such bond shall be transferred upon such books. The registered owner of any such bond registered as to principal shall also have the right to cause the same to be discharged from registration by transfer to bearer, in which case transferability by delivery shall be restored, and thereafter the principal of such bond when due shall be payable to the person presenting such bond. Any such bond registered as payable to

bearer may be registered again in the name of the owner with the same effect as the first registration thereof. Successive registrations and transfers as aforesaid may be made from time to time as desired. Registration of any of such bonds shall not affect the negotiability of the coupons thereto attached, but such coupons shall be transferable by delivery merely and payable to the bearer thereof.

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

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

(Form of Bond)

UNITED STATES OF AMERICA

STATE OF ILLINOIS

UNIVERSITY OF ILLINOIS

WOMEN'S RESIDENCE HALLS REVENUE BOND OF 1949

KNOW ALL MEN BY THESE PRESENTS, that the University of Illinois, a body corporate and politic, for value received, hereby promises to pay to bearer, or if this bond be registered as hereinafter provided, then to the registered holder hereof, solely from the special fund of said University, as hereinafter mentioned, and not otherwise, the principal sum of One Thousand Dollars (\$1,000) on \_\_\_\_\_, 194\_\_\_\_\_, and to pay interest on said sum from the date hereof until paid at the rate of \_\_\_\_\_ per cent (\_\_\_\_\_% ) per annum, payable October 1, 1949, 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 Northern 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, 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 new women's residence halls, located at 1005 South Lincoln Avenue in the City of Urbana, Illinois, 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 Northern 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 Bank, and used only for the purpose of paying the fees and expenses of such Depositary, principal of and interest on the bonds of said University that are issued under authority of said Act of the Legislature of the State of Illinois and the resolution of the Board of Trustees, hereinabove referred to, and which are payable by their terms only from the net revenue of said women's residence halls located at 1005 South Lincoln Avenue, 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 buildings with the said The Northern Trust Company, to be applied in the manner as hereinabove set forth.

This bond is one of an authorized issue of \$800,000, all of like date and of the denomination of \$1,000 each, numbered from 1 to 800, 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, 1952, and up to and including October 1, 1953, at par and accrued interest and a premium of three per cent (3%) of the principal amount thereof, and a premium of two per cent (2%) of the principal amount thereof if redeemed on April 1, 1954, 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 date of redemption; such publication to be made in one newspaper published and of general circulation in the City of Chicago, and when this bond or any of the bonds of such authorized issue shall have been called for redemption, interest thereon shall cease from and after the specified redemption date.

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

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

Said University of Illinois hereby covenants with the holder of this bond that it will keep and perform all the covenants and agreements in the resolution adopted by the Board of Trustees of said University of Illinois, authorizing the issue of this bond and the series of which it forms a part and as provided in the Deposit Agreement hereinabove referred to, and hereby irrevocably obligates itself to deposit the net revenue derived from the operation of said women's residence halls with the said Depositary, to administer the said net revenue as



provided for in and by said Deposit Agreement, and to establish from time to time charges and fees for the use of said 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 fifteenth day of February, 1949.

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President, Board of Trustees,  
University of Illinois

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Member, Board of Trustees,  
University of Illinois

ATTEST:

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Member, Board of Trustees,  
University of Illinois

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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 Northern Trust Company, in the City of Chicago, Illinois, being interest then due on its Women's Residence Halls Revenue Bond of 1949, dated February 15, 1949, Number .....

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President, Board of Trustees

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Secretary, Board of Trustees

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

(Form of Registration)

Date of Registration	In Whose Name Registered	Signature of Registrar

SECTION 5. That upon the issuance of any revenue bonds herein provided for there be and there is hereby established a fiscal year for the operation of said Women's Residence Halls located at 1005 South Lincoln Avenue, in the City of Urbana, Illinois and said fiscal year shall commence the first day of July of each year and end the last day of the next succeeding June and all revenues derived from the operation thereof shall be set aside as collected in a separate account and fund and apart from any other funds of said University, and said

University covenants that all the revenues, income, receipts, profits, rates, rents, charges, fees and returns derived from the said women's residence halls and the operation thereof, after setting aside therefrom the reasonable cost of operating, maintaining, insuring and repairing said women's residence halls, shall be paid over to the Depositary hereinafter mentioned semi-annually not later than the dates as hereinafter specified in the said deposit agreement prior to April 1 and October 1 of each year, and said revenues so paid over to the Depositary shall be used only in paying the fees and expenses of such Depositary, principal of and interest upon the revenue bonds of said University that are payable by their terms only from such revenues, and such funds shall be used only for the purposes and in accordance with the Deposit Agreement hereinafter set out.

SECTION 6. That for the purpose of further securing the income and revenue to be derived from the operation of the said women's residence halls 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 women's residence halls shall be deposited with The Northern Trust Company, hereby designated as the Depositary for the said net revenue, and the President and Secretary of the Board of Trustees and Treasurer of said University be and are hereby authorized and directed to execute for and on behalf of the University a Deposit Agreement with said bank as Depositary in substantially the following form, to wit:

THIS DEPOSIT AGREEMENT dated February 15, 1949, between the University of Illinois, a public corporate body duly organized and existing under the laws of and located in the State of Illinois (hereinafter sometimes referred to as the "University"), party of the first part, and The Northern 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 "Depositary"), party of the second part,

WITNESSETH:

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

"RESOLUTION authorizing and providing for the issue of \$800,000 Women's Residence Halls Revenue Bonds of 1949 for the purpose of defraying part of the cost of constructing new women's residence halls located at 1005 South Lincoln Avenue, Urbana, Illinois, prescribing all the details of said bonds, and providing for the collection, segregation and distribution of the revenues of the said new women's residence halls, 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 13th day of January, 1949, has issued or is about to issue Eight Hundred Thousand Dollars (\$800,000) principal amount of its Women's Residence Halls Revenue Bonds of 1949 for the purpose of defraying part of the cost of constructing new women's residence halls on the following described property:

"Bounded on the east by Lincoln Avenue in Urbana, Illinois and extending west therefrom to a line running north and south three hundred and twenty six (326) feet five (5) inches from the back of the west curb of said Lincoln Avenue and bounded on the north and south by lines parallel to, and two hundred and sixty (260) feet from, a line midway between the center lines of Ohio Street and Iowa Street, Urbana, Illinois and at an angle of ninety (90) degrees to said Lincoln Avenue, the same being a part of the North Half (N½) of the South East Quarter (SE¼) of Section Eighteen (18), Township Nineteen (19) North of Range Nine (9) East of the Third (3rd) Principal Meridian" located at 1005 South Lincoln Avenue in the City of Urbana, Illinois, said bonds being dated February 15, 1949, and maturing as follows:

<i>Principal Amount</i>	<i>Bond Numbers</i>	<i>Maturity Dates</i>
\$11,000.....	1- 11 incl.....	April 1, 1950
11,000.....	12- 22 ".....	October 1, 1950
12,000.....	23- 34 ".....	April 1, 1951
12,000.....	35- 46 ".....	October 1, 1951
12,000.....	47- 58 ".....	April 1, 1952

<i>Principal Amount</i>	<i>Bond Numbers</i>	<i>Maturity Dates</i>
\$12,000.....	59- 70 incl.....	October 1, 1952
13,000.....	71- 83 ".....	April 1, 1953
13,000.....	84- 96 ".....	October 1, 1953
13,000.....	97-109 ".....	April 1, 1954
13,000.....	110-122 ".....	October 1, 1954
14,000.....	123-136 ".....	April 1, 1955
14,000.....	137-150 ".....	October 1, 1955
14,000.....	151-164 ".....	April 1, 1956
14,000.....	165-178 ".....	October 1, 1956
14,000.....	179-192 ".....	April 1, 1957
15,000.....	193-207 ".....	October 1, 1957
15,000.....	208-222 ".....	April 1, 1958
15,000.....	223-237 ".....	October 1, 1958
15,000.....	238-252 ".....	April 1, 1959
16,000.....	253-268 ".....	October 1, 1959
16,000.....	269-284 ".....	April 1, 1960
16,000.....	285-300 ".....	October 1, 1960
17,000.....	301-317 ".....	April 1, 1961
17,000.....	318-334 ".....	October 1, 1961
17,000.....	335-351 ".....	April 1, 1962
18,000.....	352-369 ".....	October 1, 1962
18,000.....	370-387 ".....	April 1, 1963
18,000.....	388-405 ".....	October 1, 1963
18,000.....	406-423 ".....	April 1, 1964
19,000.....	424-442 ".....	October 1, 1964
19,000.....	443-461 ".....	April 1, 1965
19,000.....	462-480 ".....	October 1, 1965
20,000.....	481-500 ".....	April 1, 1966
20,000.....	501-520 ".....	October 1, 1966
21,000.....	521-541 ".....	April 1, 1967
21,000.....	542-562 ".....	October 1, 1967
21,000.....	563-583 ".....	April 1, 1968
21,000.....	584-604 ".....	October 1, 1968
22,000.....	605-626 ".....	April 1, 1969
22,000.....	627-648 ".....	October 1, 1969
23,000.....	649-671 ".....	April 1, 1970
23,000.....	672-694 ".....	October 1, 1970
24,000.....	695-718 ".....	April 1, 1971
24,000.....	719-742 ".....	October 1, 1971
24,000.....	743-766 ".....	April 1, 1972
25,000.....	767-791 ".....	October 1, 1972
9,000.....	792-800 ".....	April 1, 1973

Bonds numbered 1 to 70, inclusive, bearing interest at the rate of four per cent (4%) per annum, bonds numbered 71 to 334, inclusive, bearing interest at the rate of two and one-half per cent (2½%) per annum and bonds numbered 335 to 800, inclusive, bearing interest at the rate of two and three fourths per cent (2¾%) per annum, interest payable October 1, 1949, 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, 1952 and up to and including October 1, 1953, at par and accrued interest and a premium of three per cent (3%) of the principal amount thereof, a premium of two per cent (2%) of the principal amount thereof if redeemed on April 1, 1954, 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 shall be given by publication at least once not less than thirty days prior to date of redemption, such publication to be made once in one newspaper published and of general circulation in the City of Chicago, Illinois; and

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

the said women's residence halls, the term "net revenues" as used herein meaning the gross revenues of the said building, less the reasonable cost of operating, insuring, maintaining and repairing the said women's residence halls; 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 women's residence halls will be from time to time deposited with the Depositary and used only for the payment of the fees and expenses of the Depositary, principal of, premium, if any, and the interest on the said bonds; and

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

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

SECTION 1. The University covenants that proper books of record and account will be kept, in which full, true and correct entries will be made of all income, expenses and financial transactions of and in relation to the said women's residence halls, and that it will furnish to the Depositary, on or before October 1, 1949, for that period from February 15, 1949, to June 30, 1949, 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 women's residence halls for the twelve months' period ended on the next preceding June 30. The Depositary shall have no duty to request any such information nor any duty relative to the statements from time to time furnished by the University, except to preserve the same for the inspection of the holders of the bonds during usual business hours.

SECTION 2. The University has covenanted with the holders of the bonds hereinabove referred to that all of the revenues, income, receipts, profits, charges, fees, rents and returns derived from the said women's residence halls 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 women's residence halls, shall be paid over to the Depositary semi-annually not later than July 31, for the previous six months' period ending June 30 each year, and January 31, for the previous six months' period ending December 31 of each year; provided, however, there shall be deposited on September 15, 1949, the net revenues for the period from February 15, 1949, to June 30, 1949, which amount shall not be less than interest requirements due on said bonds October 1, 1949, plus Depositary's fees, and the University hereby covenants and agrees so to do. All funds received by the Depositary under the terms of this agreement, after deducting fees and expenses of such Depositary, shall be held by the Depositary in a special trust account to be known as the sinking fund and shall be disbursed or applied by the Depositary as hereinafter provided.

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

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

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

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

The said bonds are each in the denomination of One Thousand Dollars (\$1,000) and are numbered from 1 to 800, inclusive. All bonds redeemed through the operation of the sinking fund, together with the appertaining interest coupons, shall be cancelled by the Depositary and delivered to the Treasurer of the University. The Depositary shall keep a record of the numbers of all bonds so redeemed.

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

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

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

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

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

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

(b) The Depositary shall not be accountable for any of the proceeds of the bonds or of the revenues of the said women's residence halls 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 The Northern 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:

.....  
Secretary, Board of Trustees

.....  
Treasurer, University of Illinois

THE NORTHERN TRUST  
COMPANY

ATTEST:

As Depositary

.....  
Assistant Secretary

By.....  
Vice President

SECTION 7. Said University hereby covenants that proper books of record and account will be kept, in which full, true and correct entries will be made of all income, expenses and financial transactions of and in relation to the said women's residence halls, 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 women's residence halls 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 women's residence halls 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 women's residence halls, 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 women's residence halls located at 1005 South Lincoln Avenue, 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 women's residence halls 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 women's residence halls, 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 women's residence halls and maintain and keep in full force and effect at all times adequate insurance for the protection of said properties, including multi-risk insurance, covering loss or damage to said properties and use and occupancy insurance covering loss of use of said properties. The cost of maintaining all insurance shall be deemed to be an operating charge and shall be paid only from revenues.

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

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

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

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

SECTION 14. That Trustees CHESTER R. DAVIS and KARL A. MEYER be and they are hereby designated and directed to execute the said Women's Residence Halls Revenue Bonds of 1949 hereby authorized, together with the President and Secretary of the Board of Trustees of the University of Illinois, and the said President, Secretary and Treasurer of this Board of Trustees, be and they are each of them hereby authorized and directed to execute all instruments, papers, documents and agreements necessary or convenient to accomplish the issue and delivery of the said Women's Residence Halls Revenue Bonds of 1949 to the purchaser thereof.

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

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

Passed....., 1949.

Recorded....., 1949.

ATTEST:

.....  
President, Board of Trustees

.....  
Secretary



STATE OF ILLINOIS }  
 COUNTY OF CHAMPAIGN } SS

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

"RESOLUTION authorizing and providing for the issue of \$800,000 Women's Residence Halls Revenue Bonds of 1949 for the purpose of defraying part of the cost of constructing new women's residence halls located at 1005 South Lincoln Avenue, Urbana, Illinois, prescribing all the details of said bonds, and providing for the collection, segregation and distribution of the revenues of the said new Women's Residence Halls, for the purpose of paying the cost of the maintenance and operation thereof, and payment of the principal of and interest on said revenue bonds,"

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

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

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

After reading of the resolution and discussion of its terms and provisions, and on motion of Mr. Williamson, the resolution was adopted and the award was made, as recommended, by the following vote of record: Aye, Mr. Davis, Mr. Fornof, Mrs. Holt, Mr. Livingston, Mr. McKelvey, Dr. Meyer, Mr. Nickell, Mr. Williamson; no, none; absent, Dr. Luken, Mr. McLaughlin, Mr. Stevenson.

President Fornof designated Mr. Davis and Dr. Meyer to sign the bonds as representatives (with the President of the Board) of the Board of Trustees.

**RESOLUTION OF APPRECIATION OF GOVERNOR GREEN**

At this point, Mr. Williamson presented the following resolution.

The Honorable Dwight H. Green is notable among the Governors of Illinois for his consistent interest in education and for his sympathetic understanding of the needs of the University of Illinois. This has been shown in many ways, including the following. He was actively helpful in encouraging the construction of the University of Illinois Airport and in securing additional housing for students. He cooperated effectively in the establishment of the Undergraduate branches at the Navy Pier and in Galesburg. Governor Green has given his enthusiastic support to the movement for a permanent undergraduate division of the University in Chicago. He has been helpful in the development of the Chicago Professional Colleges. He has been personally interested in the welfare of the students and has visited the University on many official and social occasions. Governor Green has approved measures for the expansion of the University both in physical plant and in staff, and he has cooperated in securing the largest appropriations ever given to the University of Illinois, to meet the unprecedented demands for higher education made on the University.

In view of all these and many other benefits, the Board of Trustees of the University of Illinois makes record of its keen appreciation of the cooperative, intelligent, and understanding attitude toward the needs and problems of the University consistently maintained by Governor Dwight H. Green, and instructs its Secretary to prepare a scroll setting forth these facts and conveying to Governor

Green the appreciation and good wishes of the Board and of the President and the Executive Staff of the University of Illinois.

On motion of Mr. Williamson, this resolution was adopted, by unanimous vote.

#### REPORTS OF THE SECRETARY

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

1. Appointments made by the President of the University (page 229).
2. Graduate fellows (page 231).
3. Resignations and declinations (page 231).

The Board adjourned.

H. E. CUNNINGHAM  
*Secretary*

JOHN R. FORNOF  
*President*

### EXECUTIVE COMMITTEE MEETING

JANUARY 18, 1949

The Executive Committee of the Board of Trustees of the University of Illinois met at the President's House, in Urbana, on Tuesday, January 18, 1949, at 3 p.m. Present: Mr. Fornof and Mr. Livingston, members of the Committee, Mr. McKelvey and Mr. McLaughlin, members of the Board, President Stoddard, and the following University officials: Provost Griffith, Dean Rusk, Dean Bowen, Mr. Janata, Director Havens, Professor Scheick, Comptroller Morey, and Secretary Cunningham.

#### REPORT OF MEETING OF COMMITTEE ON BUILDINGS AND GROUNDS, JANUARY 18, 1949

The Secretary presented the following report of a meeting of the Committee on Buildings and Grounds.

The Committee on Buildings and Grounds met at 11 a.m. on Tuesday, January 18, 1949, in the Illini Union Building, in Urbana. Present: Mr. McKelvey, Mr. Livingston, Mr. McLaughlin; also Mr. Fornof, President Stoddard, and the University officials listed above as attending the meeting of the Executive Committee.

#### Purchase of Land for College of Agriculture

The Committee considered the recommendation for the purchase of 320 acres of land south of the horticultural tract (see above, page 196).

Mr. Morey, Dean Rusk, and President Stoddard commented on this matter.

On motion of Mr. McLaughlin, the Committee voted to recommend the purchase of this land at \$600 an acre, and authorized the necessary down payment to make the transaction legal. The Committee saw no objection to making the purchase through the University of Illinois Foundation on terms mutually agreeable.

#### Staff Housing Research Project

The Committee considered also the Staff Housing Research Project (see above, page 196).

President Stoddard, Professor Scheick, and Mr. Morey commented on this matter.

On motion of Mr. Livingston, the Committee voted to recommend to the

Executive Committee that the recommendations of President Stoddard be approved, as amended to provide for an amortization period of about fifteen years and for the employment of Skidmore, Owings, and Merrill to assist the Small Homes Council on a cost-plus fixed-fee basis with a guaranteed maximum of \$16,000.

The Committee adjourned.

H. E. CUNNINGHAM  
*Clerk*

FRANK H. MCKELVEY, *Chairman*  
PARK LIVINGSTON  
WALTER W. McLAUGHLIN

#### STAFF HOUSING RESEARCH PROJECT

On recommendation of the Committee on Buildings and Grounds, the recommendations of President Stoddard for the establishment of a staff housing research project (page 196 above) as amended (page 226 above) was approved and authorized, and the appropriation was made as recommended, by the following vote: Aye, Mr. Fornof, Mr. Livingston, Mr. Davis.<sup>1</sup>

#### MATTERS PRESENTED BY PRESIDENT STODDARD

The Executive Committee acted on the following matters presented by the President of the University.

##### INSTITUTE OF AVIATION

(1) Director Leslie A. Bryan of the Institute of Aeronautics recommends that the name of the Institute be changed to "Institute of Aviation." This will give the Institute a name which is more widely used and understood by the general public. It will also help eliminate the confusion of the Department of Aeronautical Engineering (a Department in the College of Engineering), with the Institute. Dean M. L. Enger of the College of Engineering and Professor H. S. Stillwell, Head of the Department of Aeronautical Engineering, concur.

I recommend approval.

This change of name was approved as recommended.

##### AWARD OF CONTRACT FOR ASPHALT TILE FLOOR IN ELECTRICAL ENGINEERING AND PHYSICS RESEARCH LABORATORY BUILDINGS

(2) Bids have been received on installation of asphalt tile floor surfacing in portions of the Electrical Engineering Building and the Physics Research Laboratory. Provision of this type of floor surfacing was deferred until it was certain that funds would be available to cover the cost of such installation. Funds are now available and bids have been taken on such floor surfacing throughout the Electrical Engineering Building, except where already provided, and in the offices and public areas only of the Physics Research Laboratory. In the Electrical Engineering Building, the original contract included the provision of this surfacing only in the large machine laboratory, the department office, and the corridors.

The Director of the Physical Plant Department and the Comptroller recommend the award of a contract in the amount of \$11,299 (\$10,327 for the Electrical Engineering Building and \$972 for the Physics Research Laboratory) to the lowest bidder, the Roofing and Insulation Supply Company, Champaign-Urbana.

I concur and request that authority be given to the Comptroller and the Secretary of the Board to execute the contract.

This authority was given as recommended.

##### AWARD OF CONTRACT FOR TEMPORARY HOUSING SANITARY SEWER

(3) Bids have been received for the construction of a sanitary sewer to serve the temporary housing areas on the west side of the campus, to relieve the present overloaded sewers from the Stadium and the Men's Residence Hall, and to serve other future University buildings in this area. Funds are available.

The Director of the Physical Plant Department and the Comptroller recom-

<sup>1</sup> On instructions from the Committee, the Secretary informed Mr. Davis, by telephone, of the amendments proposed, and received his concurrence and permission to record him as voting in the affirmative.

mend the award of a contract to the lowest bidder, Mancini and Ventrella, Chicago, on the basis of a lump sum bid of \$89,351.

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

This authority was given as recommended.

**ADDITION TO CONTRACT FOR GENERAL WORK ON  
STUDENT AND STAFF APARTMENTS**

(4) The Director of the Physical Plant Department and the Comptroller recommend an increase of \$2,637 in the contract for the general work in connection with the construction of the student and staff apartments. This increase is to provide for the substitution of terrazzo stair treads and landings in place of cement.

Funds are available for this addition.

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

This addition to contract was authorized as recommended.

**PURCHASES**

(5) There are submitted recommendations for purchases for approval by the Board (see Appendix, page 234).

These purchases were authorized as recommended.

The Executive Committee adjourned.

H. E. CUNNINGHAM  
*Secretary*

JOHN R. FORNOF, *Chairman*  
CHESTER R. DAVIS  
PARK LIVINGSTON

## 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.)

- ANISON, GEORGE, Instructor, Otolaryngology (Medicine), six months beginning January 1, 1949, without salary, supersedes (12-29-48).
- AXEL, PETER, Assistant Professor, Physics (C), second semester of the academic year beginning February 1, 1949, \$4500 a year (12-8-48).
- BARNES, F. P., Assistant Professor, Education, academic year beginning September 1, 1949, \$5200 (12-31-48).
- BERSON, ROBERT C., Assistant Professor, Medicine (Medicine), one year beginning September 1, 1948, without salary (in addition to his appointment as Assistant Director of Clinics, Research and Educational Hospitals, and Assistant Dean, College of Medicine) (12-31-48).
- BOYD, RETTA E., Assistant Director of Clinics, in Charge of Neuropsychiatric Clinics (Research and Educational Hospitals), eleven months beginning October 1, 1948, \$4200 a year, supersedes (12-13-48).
- COCHRAN, IRWIN A., Lecturer, Marketing (Business Organization and Operation) ( $\frac{1}{2}$ ), five months beginning February 1, 1949, \$500 (12-17-48).
- COHEN, LAWRENCE, Assistant, Otolaryngology (Medicine), six months beginning January 1, 1949, without salary (12-29-48).
- COULTAS, T. A., Instructor, Mechanical Engineering (C), second semester of the academic year beginning March 1, 1949, \$3500 a year, supersedes (12-8-48).
- DAMMERS, WARREN R., Instructor, Pediatrics (Medicine), eleven months beginning October 1, 1948, \$3600 a year (11-18-48).
- DRAPEAU, JOSEPH E., JR., Special Lecturer, Powder Metallurgy (Mining and Metallurgical Engineering) (C), one year beginning September 1, 1948, without salary (12-8-48).
- DUNLOP, KATHLEEN E., Research Assistant, Bureau of Economic and Business Research, November 15, 1948-August 31, 1949, \$2700 a year (12-17-48).
- DUNN, WILLIAM F., Instructor, Management (Business Organization and Operation), second semester of the academic year beginning February 1, 1949, \$1650, supersedes (12-17-48).
- FENTON, FRANCES H., Registered Pharmacist, Hospital Pharmacy (Pharmacy), December 13, 1948-August 31, 1949, \$3300 a year (12-13-48).
- FEBBER, ROBERT, Research Assistant Professor, Bureau of Economic and Business Research, nine months beginning December 1, 1948, \$6110 a year (11-18-48).
- FLORES, SAMSON S., Assistant, Full and Removable Partial Dentures (Dentistry), eight months beginning January 1, 1949, \$2600 a year, supersedes (12-29-48).
- FRETER, P. L., Instructor, Business Law (Business Organization and Operation), six months beginning March 1, 1949, \$1750, supersedes (12-2-48).
- FREUDENTHAL, ALFRED M., Research Professor, Theoretical and Applied Mechanics (S), indefinite tenure beginning September 1, 1949, \$10,000 a year, supersedes (1-4-49).
- GOODMAN, WILLIAM, Instructor, Otolaryngology (Medicine), six months beginning January 1, 1949, without salary, supersedes (12-29-48).
- GREY, THOMAS G., Special Research Assistant, Electrical Engineering (S), full time, November 1, 1948-February 8, 1949, \$3300 a year, ( $\frac{1}{2}$ ), February 9-August 31, 1949, \$1650 a year, supersedes (11-18-48).
- HAEBERLIN, JOHN B., JR., Clinical Assistant, Dermatology (Medicine), one year beginning November 1, 1948, without salary (12-13-48).
- HALL, HERMAN S., Lecturer, Business Management Service, December 6, 1948-August 31, 1949, \$6000 a year (12-11-48).
- HALLIWELL, GEORGE P., Special Lecturer, Non-Ferrous Metallurgy (Mining and Metallurgical Engineering) (C), one year beginning September 1, 1948, without salary (12-8-48).
- HALSEY, JAMES F., Research Assistant Professor, Fluid Mechanics (Theoretical and Applied Mechanics) (S), two years beginning September 1, 1949, \$5000 a year (12-15-48).

- HINCHCLIFF, KEITH H., Assistant Professor, Farm Structures Extension and Farm Structures Research (E & S), ten months beginning November 1, 1948, \$6000 a year, supersedes (11-18-48).
- HUNESBERGER, IRVAN M., Instructor, Chemistry, one year beginning October 1, 1948, without salary (11-18-48).
- ITTKIN, PAUL, Clinical Assistant, Otolaryngology (Medicine), eight months beginning January 1, 1949, without salary (12-29-48).
- JANES, A. W., Assistant Editor of Publications, rank of Instructor (Agricultural Experiment Station), eight months beginning January 1, 1949, \$4500 a year, supersedes (12-31-48).
- KELLEY, VICTOR W., Associate Professor, Pomology Research and Horticulture Extension (Horticulture) (S & E), indefinite tenure beginning February 1, 1949, \$5700 a year, supersedes (12-29-48).
- KEMPF, ALICE H., Research Associate, Bacteriology (Medicine), eleven months beginning October 1, 1948, without salary (12-13-48).
- KNIGHT, J. D., Special Research Associate, Physics (S), six months beginning January 1, 1949, \$4800 a year (12-8-48).
- MAURICE, CHARLES G., Instructor, Applied Materia Medica and Therapeutics (Dentistry) ( $\frac{1}{2}$ ), November 22, 1948-August 31, 1949, \$2000 a year (11-26-48).
- MCCORMICK, JAY E., Clinical Assistant Professor, Psychiatry (Rush) (Medicine), one year beginning September 1, 1948, without salary (12-13-48).
- MODIGLIANI, FRANCO, Research Associate Professor, Bureau of Economic and Business Research, indefinite tenure beginning November 15, 1948, \$9500 a year (11-30-48).
- MUDGE, WILLIAM A., Special Lecturer, Metallurgy (Mining and Metallurgical Engineering) (S), one year beginning September 1, 1948, without salary (12-13-48).
- NEWTON, R. K., Supervisor, Engineering Extension, rank of Assistant Professor (Division of University Extension), nine months beginning December 1, 1948, \$5000 a year, supersedes (12-24-48).
- NIANICK, LEONARD, Clinical Assistant, Otolaryngology (Medicine), eight months beginning January 1, 1949, without salary (12-29-48).
- OVERAKER, ALLEN E., Claims Assistant, Division of Special Services for War Veterans ( $\frac{1}{2}$ ), one year beginning September 1, 1948, \$1400, supersedes (11-18-48).
- PERLMAN, JOSEPH, Registered Pharmacist, in Charge of the Hospital Pharmacy (Illinois Eye and Ear Infirmary), October 26, 1948-August 31, 1949, \$4000 a year (11-18-48).
- PETERSEN, ELIZABETH M., Infrared Technician, Chemistry, eight months beginning January 1, 1949, \$3200 a year (11-18-48).
- PINGRY, R. E., Assistant Professor, Education, second semester of the academic year beginning February 1, 1949, \$4000 a year (12-31-48).
- PROTZMAN, RUTH M., Catalog Assistant, Library, eight months beginning January 1, 1949, \$2800 a year (12-29-48).
- REISS, FRANKLIN J., Assistant Professor, Farm Management Research (Agricultural Economics) (S) ( $\frac{3}{4}$ ), one year beginning September 1, 1948, \$2000, on leave of absence, three-fifths time, one year beginning September 1, 1948, without salary, supersedes (12-2-48).
- RIESEN, DONALD E., Special Research Assistant, Physics (C), nine months beginning December 1, 1948, \$3240 a year, supersedes (12-29-48).
- SCHOUR, MRS. ESTHER, Visiting Assistant Professor, Social Welfare Administration (Graduate College), five months beginning February 1, 1949, \$2250 (11-18-48).
- SCHUBERT, OSCAR E., Instructor, Pomology Research and Horticulture Extension (Horticulture) (S & E), seven months beginning February 1, 1949, \$4000 a year, supersedes (1-6-49).
- SHAW, JEAN C., Research Assistant, Medicine (Medicine), December 20, 1948-August 31, 1949, \$2700 a year (12-29-48).
- SILVER, ROBERT J., Head Counselor, Rink Hall, three months beginning November 1, 1948, \$100 a month, Head Resident, Rink Hall, five months beginning February 1, 1949, \$190 a month (11-18-48).

- SPROW, ALLEN J., Instructor, Psychology (Undergraduate Division in Galesburg) ( $\frac{1}{2}$ ), December 6, 1948-August 31, 1949, \$500 a year (12-2-48).
- STRANG, ARTHUR E., Instructor, Journalism ( $\frac{1}{2}$ ), second semester of the academic year beginning February 1, 1949, \$2100 a year (12-17-48).
- SUNDIN, HJALMAR S., Assistant, Civil Engineering (C), February 1, 1949-June 15, 1949, \$1500, supersedes (12-2-48).
- TORHAN, GEORGE, Counselor, Division of Special Services for War Veterans ( $\frac{1}{2}$ ), one year beginning September 1, 1948, \$1400, supersedes (11-18-48).
- WEESNER, KATHRYN M., Instructor, Home Economics (C), six months beginning February 1, 1949, \$250 a month (11-18-48).
- WHAM, MRS. DOROTHY S., Clinical Counselor, Student Counseling Bureau, November 20, 1948-August 31, 1949, \$3500 a year, supersedes (12-29-48).
- YENAWINE, WAYNE S., Circulation Librarian, Library, Instructor, Library Science, eight months beginning January 1, 1949, \$5000 a year, supersedes (12-27-48).
- YORK, S. B., Supervisor, Extramural Classes, rank of Assistant Professor (E), nine months beginning December 1, 1948, \$5000 a year, supersedes (12-24-48).
- ZAHORSKY, MRS. METTA M., Instructor, Home Economics Education ( $\frac{1}{2}$ ), second semester of the academic year beginning February 1, 1949, \$900 (12-29-48).

#### GRADUATE FELLOWS

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

- GIBSON, MELVIN R., American Foundation for Pharmaceutical Education Fellow, Pharmacy, one year beginning September 1, 1948, \$900 (11-18-48).
- HIOCO, DESYR, Fellow, Allergy Unit (Medicine), December 13, 1948-August 31, 1949, \$3200 a year (12-29-48).
- LAPRESLE, CLAUDE, Fellow, Allergy Unit (Medicine), September 27, 1948- August 31, 1949, \$2500 a year (11-18-48).
- SOMMERMAN, KATHRYN M., Fellow, Entomology, February 1-June 15, 1949, \$1200, supersedes (12-11-48).
- SULLIVAN, RICHARD E., Non-Resident Fellow, History, February 1-June 15, 1949, \$1200, supersedes (11-17-48).
- VEGA, JOSE M. DE LA, American Foundation for Pharmaceutical Education Fellow, Pharmacy, one year beginning October 1, 1948, \$600 (12-13-48).
- WANG, K. J., National Cancer Institute Research Fellow, Clinical Science (Medicine), eleven months beginning October 1, 1948, \$1800 a year, supersedes (12-2-48).

#### RESIGNATIONS AND DECLINATIONS

- FISHKIN, MARTIN, Clinical Assistant, Medicine (Medicine) — resignation effective 12-7-48.
- GREENGARD, JOSEPH, Clinical Assistant Professor, Pediatrics (Medicine) — declination effective 10-15-48.
- KELLOGG, MRS. ISABEL M., Assistant Professor and Clinical Director, Occupational Therapy (Physical Medicine) (Medicine and Research and Educational Hospitals) — resignation effective 9-30-48.
- KLINE, LAURENCE E., Assistant Publications Editor (Undergraduate Division in Chicago) — resignation effective 11-15-48.
- MATTESON, MRS. PATRICIA M., Clinical Counselor, Student Counseling Bureau — resignation effective 11-20-48.
- PATINKIN, DON, Associate Professor, Economics — resignation effective 2-28-49.
- RIES, CAROL E., Scholar, Spanish — resignation effective 9-16-48.
- RUKSTINAT, GEORGE J., Professorial Lecturer, Pathology (Medicine) — resignation effective 1-1-49.
- SCHRECKER, MRS. HELENE, Assistant, French — resignation effective 2-1-49.
- SCHWARTZ, S. O., Clinical Assistant Professor, Medicine (Medicine) — declination effective 9-1-48.
- SIEWERT, FLOYD T., Assistant Professor, Physical Education for Men, Chairman, Division of Physical Education (Undergraduate Division in Galesburg) — resignation effective 1-27-49.
- WATSON, STANLEY ARTHUR, First Assistant, Soil Fertility Research (Agronomy) (S) — resignation effective 11-30-48.
- WILLIAMS, LEAH M., Assistant Professor, Hygiene, Medical Adviser for Women — resignation effective 2-1-49.

WOELFFER, ELMER AUGUST, Professor, Veterinary Extension (Veterinary Pathology and Hygiene) (Veterinary Medicine and Extension Service in Agriculture and Home Economics) — resignation effective 12-8-48.

## PURCHASES

### Purchases Recommended

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

DECEMBER 28, 1948			
<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One 5/50 lb. cylinder automatic operating carbon-dioxide fire extinguisher installation for volatile storage vault	Physical Plant	American LaFrance Foamite Corp., Chicago	\$1 606 16 f.o.b. delivered and installed
One Toledo model No. 4031 fuel consumption scale complete with type 1 selection switch control, photoelectric relay, and timer	Mechanical Engineering	Toledo Scale Co., Peoria	1 452 00 f.o.b. Toledo
One group of camera equipment to be used with North American Phillips X-ray equipment	Geology	Otto Von Der Heyde, Newton Highlands, Mass.	3 170 00
One laboratory table, wood 17' x 54" x 56 3/4"; one fume hood superstructure for above table	Botany	Leonard Peterson and Co., Inc., Chicago	1 495 00 f.o.b. Chicago
Seventeen No. 31-21-40 Bausch and Lomb monocular laboratory microscopes, complete except for cases	Botany	Lukas Microscope Service, Skokie	2 658 30
Twenty-six steers for Wright Farm No. 3 (the University pays one-half the cost)	Agricultural Economics	Chicago Producers Commission Association, Chicago	2 914 86
One No. 12043 Norelco X-ray diffraction unit; 4 No. 52018 camera support brackets with 6" tracks and electric motor; 1 No. 32051 tube, Lindemann window; 1 No. 32053 tube, Lindemann window	Geology	Dick X-Ray Co., St. Louis, Mo.	4 244 00
300,000 No. 10 20 lb. manila envelopes; 75,000 No. 6 3/4 20 lb. ditto; 250,000 No. 10 28 lb. white wove envelopes; 100,000 No. 6 3/4 28 lb. ditto	Office Supply Store	Dwight Brothers Paper Co., Chicago	1 898 99 f.o.b. Urbana
Ten twenty-drawer filing cabinets for I.B.M. tabulating cards	Office of Admissions and Records	Wright & Co., Inc., Worcester, Mass.	1 565 00 f.o.b. Grand Rapids, Mich.
Seventy-two table tops, assorted sizes, covered cigarette proof grade canary yellow consoweld (to replace present table tops in Illini Union Cafeteria)	Illini Union Foods	J. R. Malone Fixture Co., Danville	1 396 48 f.o.b. Urbana
Nine No. 13ML Spencer binocular microscopes, complete with carrying cases	Otolaryngology	A. S. Aloe Co., Chicago	3 620 70
Fifteen herbarium cases, 30 1/4" wide x 19 3/8" deep x 83 1/16" high; 8 herbarium cases, 30 1/4" wide x 19 3/8" deep x 42" high	Botany	Jack Sheean, Bloomington	3 996 90 delivered and installed
Fifty steers for Wright Farm No. 6 (the University pays one-half the cost)	Agricultural Economics	Chicago Producers Commission Association, Chicago	4 519 78
One half-ton pickup truck	Botany	Sullivan Chevrolet Co., Champaign	1 278 70
109 reams 24 x 32 113 lb. cream post card stock	Office Supply Store	Dwight Brothers Paper Co., Chicago	1 385 66 f.o.b. Urbana



<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Two model 450 York automatic ice cube makers for installation in the Research and Educational Hospitals	Physical Plant	Murphy & Miller, Chicago	1 396 00 delivered and installed
Air-conditioning equipment at Hospital Pharmacy	Physical Plant	Air Comfort Corp., Chicago	2 873 00
One EMC console model electron microscope, master item MI-12954-E	Chemistry	Radio Corporation of America, Camden, N.J.	4 990 00 f.o.b. Camden
500 sets (50 prints each) 8 1/4" x 11" student personnel data sheets to be printed by offset	Engineering Administration	Edwards Brothers, Inc., Ann Arbor, Mich.	1 600 00 Ann Arbor f.o.b.
Thirty-nine manometers	Mechanical Engineering	Carl F. Gast Co., St. Louis, Mo.	1 381 00
Four parts for 6 ft. impedance measuring line according to specifications prepared by Electrical Engineering Department	Electrical Engineering	Hayes Scientific Appliances, Urbana	4 000 00
1,000 Illinois project honor medals; 300 Illinois outstanding honor medals	Home Economics Extension	L. G. Balfour Co., Champaign	1 855 00
Additional and replacement furniture for Busey and Evans Halls: 5 Karpen No. C-69 occasional chairs; 2 Karpen No. 7-12 three-seat Lawson sofas; 2 Karpen No. 7-12 two-seat Lawson sofas; 2 Karpen No. 7-12 Lawson lounge chairs; 9 Karpen No. 8-22 barrel chairs; 5 Karpen No. 7-66 tub chairs; 1 Karpen No. C-69 occasional chair; 3 Karpen No. 8-112 wingback chairs; 4 Karpen No. 8-58 two-seat sofas; 1 Karpen No. 8-135 two-seat sofa	Residence Halls	Kiler's, Inc., Champaign	4 012 72 f.o.b. delivered
100,000 8 1/4 x 13 1/4 ruled examination paper; 40,000 sheets 17 x 13 1/4 examination paper (for C.P.A. examinations)	Committee on Accountancy (Office of Admissions and Records)	Interstate Printing Co., Danville	1 070 75 f.o.b. Urbana
10,000 reams 8 3/8 x 10 3/8 16 lb. weight mimeograph paper	Office Supply Store	Marquette Paper Corp., Chicago	5 200 00 f.o.b. Urbana
One 200-ton hydro-power laboratory press with motor and starter	Ceramic Engineering	Hydraulic Press Manufacturing Co., Mt. Gilead, Ohio	10 200 00 f.o.b. Mt. Gilead
400 sheets fir plywood, SOrS, SzS	Physical Plant	Hunter Lumber Co., Urbana	2 207 29 f.o.b. Urbana
Two issues, 1000 copies each, of University of Illinois Law Forum (to be printed quarterly)	College of Law	Twin City Printing Co., Champaign	2 700 00
Twenty-five tons pig iron for foundry use	Mechanical Engineering	Pickands Mather & Co., Chicago	1 175 00 f.o.b. South Chicago
Four units book shelving 15' long, double face, 90" high, to be installed in Engineering Library	Library	W. B. Read & Co., Bloomington	1 246 44
One Universal Leitz microscope with photomicrographic attachment for metallographic work and accessories	Electrical Engineering	W. H. Kessel & Co., Chicago	2 402 50
JANUARY 13, 1949			
180 tons Bourbonni (this is flagstone, sizes from 2"-8" thick, 12"-18" wide, and from 1 to 4 feet long), to be delivered to the new Electrical Engineering Building	Physical Plant	Champaign Builders Supply Co., Champaign	2 412 00
Furniture for seminar and lounge in the new Electrical Engineering Building: 2 sectional sofas, 2 two-cushion sofas, 3 chairs (all leather upholstered)	Physical Plant	Kiler's, Inc., Champaign	1 628 66 f.o.b. delivered

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
10,000 reprints of Better Farming—Units 61 to 88, a series of lesson units prepared by Vocational Agriculture Service, approximately 215 pages in all units, to be printed on 50 lb. white offset stock	Agricultural Administration	Williamson Press, Inc., Springfield	4 210 00 f.o.b. Springfield
100,000 gallons (approximately) 72-74 octane gasoline to be delivered as required during the six months ending June 30, 1949	Physical Plant	Johnson Oil Refining Co., Urbana	16 500 00
One group of X-ray equipment: one Westinghouse 50 MA transformer; one 12" D tube; one adapter; one tube stand (mobile); one Victoreen r-meter; one protective floor screen; one set shockproof cables	Botany	Dick X-Ray Co., St. Louis, Mo.	1 860 00
One Boonton Q-meter type 160-A; one Boonton Q-meter type 170-A; one replacement thermocouple type 165-A for above Q-meter type 160-A	Electrical Engineering	Alfred Crossley & Associates, Chicago	1 194 50 f.o.b. Boonton, N.J.
One style M Steinway Grand piano	Music	Professor Bruce R. Foote, Urbana	1 300 00
One ½ ton Ford panel truck to replace 1940 Ford panel truck	Extension Service in Agriculture and Home Economics	Dana Hudelson, Inc., Champaign	1 022 41
Twenty dozen table cloths, fine cotton damask 52" x 92" hemmed size; 50 dozen napkins, fine cotton damask 22" x 22" hemmed size	Illini Union Foods	Nestle Products Co., Inc., New York City	1 097 00 f.o.b. Urbana
One 5 KW motor-generator set; one starter; one two-pole DC breaker; one DC ammeter; one DC voltmeter	Mechanical Engineering	Westinghouse Electric Corp., Springfield	1 019 00
One 1949 4-door Plymouth special deluxe sedan complete with heater and defroster	Physical Plant	Shelby Motor Co., Champaign	1 575 65
Two 1949 4-door Ford sedans complete with heaters and defrosters	Physical Plant	Dana Hudelson, Inc., Champaign	3 507 72
New console for the pipe organ in the Auditorium	Music	Aeolian-Skinner Organ Co., Chicago	9 350 00
One Universal microscope, research type, for nuclear physics use complete with accessories	Physics	W. H. Kessel & Co., Chicago	2 027 10

## JANUARY 18, 1949

100 five-gallon drums Ethyl Ether USP; 20 five-gallon drums Absolute Ether ACS	General Chemical Stores	U.S. Industrial Chemicals, Inc., Chicago	1 020 00
One 13" x 5 1/2" collet lathe, complete with 1 h.p. 1800 r.p.m. 3/60/220 instant reversing motor, hand-wheel type draw-in collet chuck attachment; set of 16 split collets for round work, 3/8" to 1" by 16ths; taper attachment, telescopic type; chip pan; taper shank arbor; 3-jaw drill chuck, 0" to 3/8" capacity; and Millerette converter	Division of General Studies (Biological)	Morehouse & Wells Co., Decatur	2 225 51 f.o.b. South Bend, Ind.
One 25 LG Spencer stereoscopic microscope, without case; 1 No. 484 Spencer mechanical stage; 9 25 G Spencer stereoscopic microscopes, without cases	Veterinary Pathology and Hygiene	E. H. Sargent & Co., Chicago	3 327 90
One drying oven with temperature control, Precision model No. 848	Agronomy	Precision Scientific Co., Chicago	1 485 00
Ten Spencer No. 33 MH microscopes, complete except for cases	Veterinary Physiology and Pharmacology	Chicago Apparatus Co., Chicago	2 529 00
Supplies for the Fenwal System for distribution for intravenous solution made only by Macalaster Bicknell	Hospital Pharmacy	American Sterilizer Co., Chicago	2 246 50
5,000 reams 8 3/4 x 10 3/4 20 lb. substance duplicator paper	Office Supply Store	Bradner Smith & Co., Chicago	3 307 50 f.o.b. Urbana

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One group of laboratory furniture: 2 S-2135 microscope desks; 3 S-1540 four-pupil biology tables; 1 S-2120 laboratory bench; 2 S-2095 laboratory wall tables; 2 S-173 single cupboards; 3 S-203 single cupboards and 4 drawers; 5 S-479 open shelving for storage case; 1 S-2160 balance table	Botany	Leonard Peterson & Co., Inc., Chicago	3 370 00

### Purchases Authorized

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

#### DECEMBER 28, 1948

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One American Radiator Ideal boiler to be installed complete at Cook County Experiment Station to replace old boiler which is no longer serviceable	Horticulture	Central Heating Co., Des Plaines	\$1 982 00
One Chevrolet 1948 Stylemaster sedan to replace 1940 Chevrolet sedan	Horticulture	Sullivan Chevrolet Co., Champaign	1 154 89
One Chevrolet 1948 Stylemaster 4-door sedan (additional equipment)	Institute of Labor and Industrial Relations	Sullivan Chevrolet Co., Champaign	1 460 89
One stacking fixture for field pieces; two nose clamping plates	Physics	Milwaukee Tool & Die Co., Milwaukee, Wis.	1 840 00 f.o.b. Urbana
25,000 copies of 1948-1949 Second Semester Time Table	University Press	Interstate Printing Co., Danville	3 782 50 f.o.b. Urbana
60,000 gal. 80 octane aviation gasoline; 40,000 gal. 97 octane aviation gasoline (to be delivered during the period January 1, 1949, through June 30, 1949)	Institute of Aeronautics	Shell Oil Co., Chicago	19 368 00
Labor and material for 4" concrete floor with 40' x 80' Quonset building at Airport	Institute of Aeronautics	Wascher Concrete & Insulation Co., Champaign	1 492 00
Labor and material for 40' x 80' Quonset building at Airport	Institute of Aeronautics	Wascher Concrete & Insulation Co., Champaign	3 271 00
One 1948 Chevrolet ¾ ton pickup truck to replace 1940 Chevrolet express truck (Sullivan Chevrolet Co., \$1,514.37; allowance on trade-in, \$325.00; total \$1,189.37)	Physical Plant	Sullivan Chevrolet Co., Champaign	1 189 37

### THE COMPTROLLER'S REPORT OF CONTRACTS EXECUTED OCTOBER 11 TO DECEMBER 10, 1948

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Date</i>
Burton Lane Farm	Brucellosis vaccination study	\$1 000 00	October 1, 1948
Benedale Farm	Brucellosis vaccination study	300 00	October 1, 1948
Beu-dell Farm	Brucellosis vaccination study	300 00	October 1, 1948
Cornell Farm	Brucellosis vaccination study	1 000 00	October 1, 1948
Clanyard Farm	Brucellosis vaccination study	1 000 00	October 1, 1948
Savage Marydale Farms	Brucellosis vaccination study	500 00	October 1, 1948
Curtiss Candy Co.	Brucellosis vaccination study	5 000 00	October 1, 1948
American Dry Milk Institute	Study of certain proteins and vitamins in swine nutrition	1 500 00	October 18, 1948
Reinforced Concrete Research Council	Study of reinforced concrete columns	18 000 00	October 21, 1948
Commonwealth Edison Co.	Permission to set poles, install wire and equipment at 1830 West Taylor Street, Chicago	1 00	October 25, 1948

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Date</i>
Mary Barnes Stith	To establish the "R. M. Barnes Memorial Fund"	None	June 8, 1948
American Bottlers of Carbonated Beverages	To conduct the 1949 American Bottlers of Carbonated Beverages short-course program	25 00 a student 800 00 minimum	October 5, 1948
War Department, Office of the Surgeon General	Study of vascular phenomena associated with renal insufficiency and study of effects of certain sympatholytic and drugs on renal blood and function (Contract No. W-49-007-MD-455)	10 000 00	August 1, 1948
Veterans Administration	Instruction of veterans under PL16 at the Chicago Professional Colleges (Contract No. VA28r vr-996)	Rates per contract	September 29, 1947
Veterans Administration	Instruction of veterans under PL346 at Navy Pier (Contract No. VA28r vr-665)	Rates per contract	September 15, 1947
Veterans Administration	Instruction of veterans under PL16 at Navy Pier (Contract No. VA28r vr-1027)	Rates per contract	September 15, 1947
Veterans Administration	Instruction of veterans under PL346 at Urbana-Champaign (Contract No. VA28r ve-675)	Rates per contract	April 10, 1948
Navy Department, Bureau of Supplies and Accounts	Instruction and other necessities for Naval Aviation College Program (Navy No. N7 sp-8778)	446 35	September 19, 1947
War Department, Ordnance	Study of decomposition of highly concentrated hydrazine (Army No. W-11-022-ORD-11307)	7 875 00	June 16, 1948
War Department, Ordnance	Study of high nitrogen compounds as flash reducing agents in smokeless powder (Army No. W-11-022-ORD-11329)	8 000 00	June 18, 1948
Army Air Force, Air Materiel Command	Study of streamlined and flush mounted airborne antennas (Contract No. W-19-122-AC-18)	70 000 00	April 26, 1948
Army Air Force, Air Materiel Command	Study of operation and servicing of monitor equipment (Contract No. W-28-099-AC-432)	6 691 00	April 8, 1948
Air Force, Air Materiel Command	Study of mechanical properties at elevated temperature of glass fabric base plastic laminates (Contract No. W-33-038-AC-2189)	12 000 00	May 18, 1948
Air Force, Air Materiel Command	Study of a zero drag circularly polarized antennae for high-speed aircraft (Contract No. W-33-038-AC-20778)	50 152 00	May 11, 1948
Veterans Administration	Instruction to veterans under PL346 at Urbana-Champaign (Contract No. VA28r-ve686)	Rates per contract	February 8, 1948
Moorman Manufacturing Co.	Study of poultry nutrition	1 200 00	November 23, 1948
Crookham Co.	Agreement to grow and introduce sweet corn developed by University of Illinois	No definite amount	November 23, 1948
Estate of Frank J. Gorman	Memorial scholarship in Department of Chemistry	498 37	October 4, 1946
Air Force, Air Materiel Command	Development and production of twelve different types of semi-conductors (Contract No. W-33-038-ac-21682)	10 000 00	June 10, 1948
Air Force, Air Materiel Command	Study of infrared radiating mechanisms (Contract No. W-33-038-ac-21811)	25 493 00	June 18, 1948
Air Force	Instruction for not more than 200 students (Contract No. W-33-038-ac-18839)	Rates per contract	September 1, 1947
War Department, Corps of Engineers	Instruction for not more than eleven officers in civil engineering (Contract No. W-15-029-eng-1353)	2 829 75	May 4, 1948

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Date</i>
War Department, Quartermaster Corps	Study of isolation of compounds responsible for unpalatable dried whole milk (Contract No. W-11-183-QM-1872)	5 400 00	December 31, 1947
War Department, Medical Corps	Studies of prolonging life of hepatectomized frogs (Contract No. W-49-007-MD-446)	3 460 00	July 15, 1948
War Department, Medical Corps	Study of the effect of nutrition on convalescence after injuries, diarrhea diseases, chronic infections, liver diseases (Contract No. W-49-007-MD-451)	39 220 00	July 1, 1948
War Department, Headquarters Fifth Army	Course in internship	None	July 1, 1948
War Department, Headquarters Fifth Army	Postgraduate course in prosthetic dentistry (Contract No. W-11-175-TNG (AAV)241)	600 00	July 1, 1948
Veterans Administration	Instruction of veterans under PL16 at Urbana-Champaign (Contract No. VA28r vr-1049)	Rates per contract	February 8, 1948
<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>	<i>Date</i>
F. E. Gates Marble & Tile Co.	Remodeling room 12 Physical Plant Service Building	\$ 1 010 00	August 20, 1948
Permutit Co.	Water treating equipment at Abbott Power Plant	21 530 00 (Includes 10% escalation clause)	May 28, 1948
(Approved as a purchase May 22, 1948, Minutes, page 1108)			
Museum of Modern Art	Show exhibition "Marcel Breuer: Architect and Designer" at Chicago	75 00 and transportation fee	
Museum of Modern Art	Show exhibition "What Is Modern Design?" at Chicago	75 00 and transportation fee	
Commonwealth Edison Co.	Meter lease at Chicago	Rates per contract	June 22, 1948
Knox Laundry	Dry cleaning service at Galesburg	Rates per contract	August 28, 1948
C. O. Henriksen Co.	Maintenance on heating boilers at Galesburg	2 220 75	
Herb Strausberger	Install tile lines on Wright Farm No. 3	1 350 73	November 5, 1948
Herb Strausberger	Install tile lines on Wright Farm No. 3	437 75	November 10, 1948
O. K. Papers	Loan of napkin dispensers at Navy Pier	None	September 27, 1948
Illinois Power Co.	Gas service for housing projects 11277, 11287, 11306	2 666 30 plus meter reading	September 16, 1946

## CONTRACT CHANGE IN EXCESS OF \$5,000

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>	<i>Date</i>
Allis-Chalmers Manufacturing Co.	Additional charges due to increase in labor and material cost for power plant additions authorized in contract	\$5 684 73	July 28, 1948

CHANGE ORDERS FOR COST-PLUS CONTRACTS UNDER  
STANDING CONTRACTS OF JULY 1, 1948

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>
Lewis S. Colbert	Sixteen change orders	\$19 141 36
Reliable Plumbing & Heating Co.	Twelve change orders	5 782 00
Schroeder's Heating & Ventilating	Seven change orders	5 830 54
Square Deal Electric Co.	Five change orders	2 854 00

## LEASES EXECUTED UNDER GENERAL REGULATIONS OF THE BOARD

<i>With Whom</i>	<i>Property</i>	<i>Amount to be Paid to the University</i>	<i>Date<sup>1</sup></i>
O. H. Mowrer	206 West Vermont, Urbana	\$100 00 a month	August 19, 1948
Louis B. Howard	701 West Delaware, Urbana	135 00 a month	September 14, 1948
A. H. Taub	1009 West Nevada, Urbana	100 00 a month	November 19, 1948
Illini Publishing Co.	Basement at 725 South Wright, Champaign	125 00 a month	September 16, 1948
<i>With Whom</i>	<i>Property</i>	<i>Amount to be Paid by the University</i>	<i>Date</i>
Rockford Consolidated Newspaper, Inc.	Room 222, Rockford News Tower, 99 East State Street, Rockford (Office for Division of Services for Crippled Children)	\$ 55 00 a month September 1, 1948, to June 30, 1949	September 1, 1948
Franklin-Adams Co.	Rooms 1429-41-43-45 in Adams- Franklin Building, 222 West Adams, Chicago (Office for Divi- sion of Services for Crippled Chil- dren)	11 638 00 September 1, 1947, to June 30, 1949	July 9, 1947
Mary H. Seten	Room 8 Seten Building, Northwest corner of Vine and Locust Streets, Harrisburg (Office for Division of Services for Crippled Children)	25 00 a month October 1, 1948, to June 30, 1949	September 23, 1948

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<sup>1</sup> Leases terminate August 31, 1949.