

MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

January 12, 1950



The January meeting of the Board of Trustees of the University of Illinois was held on Thursday, January 12, 1950, at Hotel LaSalle, in Chicago, according to the following schedule:

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

2 p.m. — Open session.

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

President George D. Stoddard was present; also Vice-President A. C. Ivy, Provost C. R. Griffith, Assistant to the President A. J. Janata, Secretary H. E. Cunningham, Treasurer I. L. Porter, Comptroller Lloyd Morey, Business Manager H. A. Hazleton, and, during the open session, Director J. F. Wright.

MINUTES APPROVED

The Secretary presented the minutes of the meetings of September 29, October 25, and November 29, 1949.

On motion of Mr. Livingston, the minutes were approved as printed on pages 809 to 962 above.

MATTERS PRESENTED BY PRESIDENT STODDARD

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

RECOMMENDATIONS FOR LAND ACQUISITION

(1) Future development of the University, both at Urbana-Champaign and at the Chicago Professional Colleges, necessitates acquisition of additional land. The Board of Trustees has already approved (Minutes, July 28, 1943, page 450) the acquisition of a specified area in Chicago. The Building Program Committee has recommended, with respect to Urbana-Champaign, that land in the area of contemplated development be acquired, when necessary, to prevent anticipated commercial development, or when property becomes available at attractive prices; that land be acquired, whenever possible, before its need by the University is made known publicly; and that land for all projects be acquired not later than the biennium preceding anticipated construction.¹

The Director of the Physical Plant Department and the Comptroller recommend that these acquisitions be authorized. I concur in the general program proposed and recommend that authority be given to negotiate for the purchase of desirable properties at prices based on independent appraisals, to secure options where necessary, and to submit proposed purchase contracts to the Board. It is understood that all commitments will be subject to release of funds by the Governor.

The Provost and the Comptroller commented on this matter.

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

RELEASES OF POTENTIALLY PATENTABLE DISCOVERIES

(2) The Department of Chemistry has reported potentially patentable discoveries made in the course of research work described as follows:

1. A discovery by Assistant Professor Robert L. Frank concerning the preparation and properties of metallic complexes of 2,5-dihydroxy-1,4-benzoquinone and its 3,6-disubstituted analogs, especially 3,6-diphenyl-2,5-dihydroxy-1,4-benzoquinone. Such compounds from insoluble coordinated complexes with a large variety of cations (examples are the ions of silver, mercury, magnesium, calcium, strontium, barium, copper, cadmium, zinc, aluminum, tin, arsenic, bismuth, iron, nickel, thorium, and uranium).

The insolubility of most of the complexes may make the reaction useful in the removal or separation of cations from solutions and also in the qualitative and quantitative analysis of such cations. Furthermore, some of the complexes themselves may have applications as pigments, stabilizers for plastics or petroleum products, fungicides, or as carriers of metals in certain drug applications.

2. In his researches on restricted rotation, Professor Roger Adams observed that certain *p*-phenylene diamine derivatives were readily oxidized to *p*-quinone diimides. Since this latter class of compounds is new and relatively simple in character, Professor Adams suggests that the University may wish to consider patenting them. To cover these adequately, the *p*-quinone di- and mono-imides, analogous substances in the naphthalene series and in the biphenyl series, probably would require about six patent applications.

The *p*-quinone diimides are of interest scientifically because, unlike the parent compounds, *p*-quinone monoimine and diimine, they are stable. Only in very complex molecules has the *p*-quinone diimine linkage been previously found to have stability. The rather simple derivatives described are yellow solids, which show no tendency to decompose. They are interesting because they should have reactions similar to *p*-quinones, a class of compounds very useful in the synthesis of many types of organic molecules.

To explore the potentialities of *p*-quinone diimides will require several years. Professor Adams is prepared to publish a report of this discovery, but before doing so he wishes to consider patenting this class of compounds as protection

¹ A more extended statement, specifying the properties recommended for acquisition, was presented to the Board and a copy has been filed with the Secretary for record.

against industrial laboratories noting what has been done and exploiting the scientific significance of this discovery, unless the University desires to patent them.

In the opinion of the Chairman of the University Research Board and his expert adviser on these particular cases, it is extremely unlikely that the discoveries would have any commercial value in themselves. Unless the University could follow an all-out patent program with promotion and development, the expense and work involved in patenting the discoveries would not be justified. The Chairman of the University Research Board recommends that these discoveries be released to the discoverers.

The Department of Electrical Engineering reports an invention by Paul M. Kintner, Instructor in Electrical Engineering, of a specialized oscilloscope intended for the study of low-frequency alternating current circuits. While this instrument may be useful in student laboratories, the likelihood that a patent covering these devices can be secured is very small in view of the amount of prior work done in this field. The practical significance of this invention appears to be small. The Chairman of the University Research Board therefore recommends release of this discovery to the inventor.

I concur in these recommendations.

On motion of Mr. Hickman, these releases were authorized as recommended.

APPRECIATION OF ROGER ADAMS

President Stoddard called attention to the election of Professor Roger Adams to be President of the American Association for the Advancement of Science in 1950. This is the largest organization of scientists in the world, and the election is a merited recognition of the eminent scientific attainments of Dr. Adams.

On motion of Mr. McLaughlin, the Secretary was directed to make record of the Board's appreciation of the attainments of Dr. Adams, and to prepare a copy for presentation to him.

STATUS OF APPLICATION FOR PATENT ON ELECTROSTATIC STORAGE SYSTEM FOR HIGH-SPEED COMPUTERS

(3) At its meeting on January 8, 1948 (Minutes, page 955), the Board authorized the filing of a patent application covering an invention by Professor Arthur L. Samuel of an electrostatic storage device for use in connection with high-speed computers.

The University's patent attorney has discovered a possible interference with this patent. In the meantime, Professor Samuel has left the University and developments in computer work during the past two years indicate that the Samuel invention will have far less significance than was thought at first. Therefore, the Chairman of the University Research Board recommends that the University do not prosecute an application for this patent.

I concur.

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

STATE APPROPRIATION FOR AGRICULTURAL STRUCTURES AND REMODELING PRESENT AGRICULTURAL BUILDINGS

(4) The State appropriations to the University for 1949-1951 for buildings and other capital improvements include \$305,000 for "Construction of Agricultural Structures and Remodeling Present Agricultural Buildings."

The Building Committee of the College of Agriculture has recommended that this appropriation be allocated for the following improvements:

Agricultural Engineering

For construction of new space.....\$120 000

For improvements in old space..... 40 000 \$160 000

¹ The line appropriation is \$290,000 and \$15,000 is included for this purpose in the item for Contingencies.

Dairy Science			
New calf unit.....	10 000		
New goat unit.....	10 000		
New bull barn.....	35 000		
Improvement in milk handling facilities.....	20 000	75 000	
Other Improvements			
For minor additions and improvements at the feed storage center and to remodel space urgently needed by the Department of Food Technology. Specific allocation of this will depend on the results of further study by the Departments of Animal Science and Food Technology.....			
		70 000	\$305 000

I concur in these recommendations.

On motion of Mr. Livingston, this matter was referred to the Committee on Agriculture for consideration and report.

FEDERAL FUNDS FOR CONSTRUCTION OF HOUSING FOR MARRIED STUDENTS AND STAFF, URBANA-CHAMPAIGN

(5) The Federal Housing Act of 1949 provides for certain assistance by the Federal Government to local housing agencies in the redevelopment of land and construction of low cost public housing facilities. The University of Illinois needs additional housing facilities for married students and junior staff members of the character proposed by the Housing Act and it needs to eliminate as rapidly as feasible the temporary housing facilities now in use.

A program is recommended (see attached memorandum) which proposes the following:

1. The University shall purchase land and convey it to the Champaign County Housing Authority.

2. The Champaign County Housing Authority shall borrow funds under the provisions of the Federal Housing Act and construct an apartment building of ninety-five units, such building to be similar to that now under construction on the Urbana campus but with sufficient reduction in cost to bring the cost within the limitations of the Housing Act.

3. The Champaign County Housing Authority will lease the building when completed to the University for a fixed annual rental adequate to pay the annual debt service on the obligation.

4. When the debt has been paid, the Champaign County Housing Authority will reconvey the land and improvements to the University.

This program represents a possible way in which the University can participate in the benefits proposed under the Federal Housing Act of 1949. I recommend that I be authorized to submit this program to the Champaign County Housing Authority and endeavor to secure its acceptance. It is understood that any final program would be submitted to the Board of Trustees for their consideration and further notice.

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

CHICAGO HOUSING PROJECTS

(6) The Comptroller presents a review of recent estimates of cost secured on the proposed student residence hall and staff apartment building at the Medical Center, and reports from the Equitable Life Assurance Society as to the maximum loan that could be secured. The reports show that the estimated costs exceed the maximum that can be borrowed.

Mr. Livingston and Dr. Ivy made statements on this matter.

Mr. Amos Watts, of the firm of Chapman and Cutler, commented on this matter, with special reference to the requirements of equity and income necessary to support a marketable bond issue.

After discussion, and on motion of Mr. Fornof, this matter was referred to the Committee on Chicago Departments, for inquiry into and study of all phases of the proposal. It was the consensus of the Board that the employment of special counsel should be continued, and that funds already appropriated for this project (\$50,000, for the purchase of land, July 21, 1948, page 7), should be used for the preparation of plans and specifications, if approved by the Committee.

OPEN SESSION

After luncheon, at 2 p.m., the Board convened in open session. Mr. Fred H. Ebersold, President of the Alumni Association, was present on invitation of President Williamson.

APPOINTMENTS TO THE FACULTY MADE BY THE PRESIDENT OF THE UNIVERSITY

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

1. STEPHEN B. BINKLEY, Associate Professor of Biological Chemistry, beginning November 1, 1949, at an annual salary of \$7,500.
2. WALKER BLEAKNEY, Visiting Professor of Physics, beginning September 16, 1949, at an annual salary of \$7,500.
3. ALOYSIUS W. BUREK, Assistant Professor of Hygiene, beginning January 1, 1950, at an annual salary of \$7,000.
4. RUDOLF CARNAP, Visiting Professor of Philosophy, beginning February 14, 1950, at an annual salary of \$12,000.
5. ALBERT W. HEYER, JR., Assistant Professor of Psychology, beginning February 1, 1950, at an annual salary of \$4,500.
6. ALMA E. HILLER, Associate Professor of Biological Chemistry, beginning December 1, 1949, without salary.
7. CARL A. JOHNSON, Assistant Professor of Clinical Science, beginning February 1, 1950, without salary.
8. F. R. METZGER, Assistant Professor of Physics, beginning February 1, 1950, at an annual salary of \$4,500.
9. JOHN P. NASH, Research Assistant Professor of Applied Mathematics, beginning February 1, 1950, at an annual salary of \$7,200.
10. EDWARD H. TYNER, Professor of Soil Fertility, beginning February 1, 1950, at an annual salary of \$6,400.
11. GILBERT WATERHOUSE, Exchange Professor of German, beginning September 1, 1950, at an annual salary of \$6,300.

On motion of Mrs. Holt, these appointments were confirmed.

MATTERS PRESENTED BY PRESIDENT STODDARD

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

CONSULTANT ON CAMPUS PLANNING AND DEVELOPMENT

(1) I recommend that the firm of Gregg and Briggs, Architects and Engineers, Chicago and Peoria, Illinois, be employed as consultant to the University on campus planning and development. The services would include the following features:

1. To make campus studies, plans, and models looking to the future development of the campus at Urbana-Champaign;
2. To advise the Building Program Committee in relation to the design and placement of new buildings, including housing;
3. To serve as a consultant on the major remodeling and reconstruction of campus buildings;

4. To relate the campus plan, as a whole, to the community development plan in which the University has been participating;

5. Mr. Cecil C. Briggs, partner in the firm, who has been serving as Visiting Professor of Architecture on one-half time since September, 1948, to continue his teaching service as part of this assignment.

I further recommend that this employment be effective as of January 1, 1950, and that the combined consultant's fee for the services for the calendar year 1950 be \$19,800, this to include the salary of Professor Briggs as half-time professor at his present rate of \$4,800.

An appropriation of \$15,000 is required.

This proposal is not without well-established precedent in this University and in other institutions of higher education. In past years the University of Illinois has had the benefit of advice and cooperation from several distinguished architects, among them Clarence H. Blackall of Boston, of the Class of 1877; W. Carby Zimmerman, who was State Architect from 1905-1913; Daniel H. Burham, the father of the Chicago City Plan; Holabird and Roche of Chicago; Charles A. Platt of New York; Howard L. Cheney (Consulting Architect for the Illini Union Building). More recently we have had a Consultative Committee on Architecture (Messrs. Howard L. Cheney, Chicago; J. Robert F. Swanson, Bloomfield Hills, Michigan; George L. Horner, State University of Iowa; and Chance S. Hill, Oak Park, Illinois).

We have already used Mr. Briggs as a consultant on a temporary basis in connection with the design of the Veterinary Medicine and Animal Science Buildings. As a result we achieved some substantial savings in costs without a diminution in building function.

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

APPOINTMENT OF DIRECTOR OF INSTITUTE OF GOVERNMENT AND PUBLIC AFFAIRS

(2) Professor Charles M. Kneier, Chairman of the Department of Political Science, has also been serving as Acting Director of the Institute of Government and Public Affairs since September 1, 1948. He accepted this administrative assignment on an acting basis, with the understanding that he would be relieved when a permanent Director is appointed.

I recommend the appointment of Dr. Royden Dangerfield, now Director of Studies at the National War College and on leave of absence as Professor of Political Science at the University of Wisconsin, as Professor of Political Science and Director of the Institute of Government and Public Affairs, at an annual salary of \$10,000 on a Y basis (twelve months' service with one month's vacation) effective August 1, 1950.

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

APPOINTMENT OF HEAD OF THE DEPARTMENT OF ENGLISH

(3) Professor Paul N. Landis who has been serving as Acting Head of the Department of English since February 1, 1949, and who previously served as Vice-Chairman for a year and a half, has asked to be relieved of this administrative assignment, effective July 1, 1950, in order to return to full-time undergraduate teaching.

I recommend that his request be granted. Also I take this occasion to express my warm appreciation of his services.

The Dean of the College of Liberal Arts and Sciences recommends the appointment of Dr. Gordon Ray, who has been Professor of English since September 1, 1946, as Professor and Head of the Department of English on indefinite tenure, effective July 1, 1950, at a salary of \$8,500 an academic year.

I concur in this recommendation.

On motion of Mrs. Watkins, Professor Landis was relieved of his administrative duties, Professor Ray was appointed as recommended, and the Secretary was directed to inform Professor Landis of the Board's appreciation of his services.

CHANGE IN THE ORGANIZATION OF THE DEPARTMENT OF ECONOMICS

(4) The Dean of the College of Commerce and Business Administration reports that the members of the faculty of the Department of Economics, now organized with a head, have voted in favor of changing the organization of the department to one with a chairman. The Dean recommends that this change be made. I concur.

The Executive Committee of the Department and the Dean of the College recommend the appointment of Dr. Everett E. Hagen, now Professor of Economics, as Professor of Economics on indefinite tenure and Chairman of the Department until August 31, 1951, at an annual salary of \$11,000 for twelve months' service including one month's vacation, effective January 1, 1950.

They also recommend the appointment of Dr. Paul M. Van Arsdell, now Professor of Economics and Administrative Assistant to the Head of the Department, as Professor of Economics on indefinite tenure on one-half time, and Vice-Chairman of the Department of Economics until August 31, 1951, on one-half time, at a salary of \$7,500, effective January 1, 1950, services as Professor on one-half time to be required during the two semesters of the academic year beginning in September and ending in June and services as Vice-Chairman to be required on a twelve months' basis including one month's vacation.

I recommend that these appointments be made.

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

AWARD OF CERTIFICATES OF CERTIFIED PUBLIC ACCOUNTANT

(5) The Committee on Accountancy recommends that the following persons be awarded the certificate of Certified Public Accountant under Section 5 of the Accountancy Act of 1943; they hold valid and unrevoked certificates issued by other states of the United States:

FREDERICK OTHO DICKSON (Ind.)
PAUL WILLIAM FUEMBERG (Mo.)
JOSEPH SOLOMON HERBERT (N.Y.)
ARTHUR NETZER (N.Y.)
GEORGE MARVIN RAYBURN (Nebr.)

MAX ARTHUR REINSTEIN (N.C.)
ROBERT HOMER SHARP (N.C.)
TOM E. SUDHOLT (Mo.)
CHARLES WILLIAM TUCKER (Mass.)

I concur.

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

VETERINARY MEDICINE BUILDING

(6) The Dean of the College of Veterinary Medicine recommends that the new building to be constructed for that College be officially named Veterinary Medicine.

I concur.

On motion of Mr. Fornof, this building was named as recommended.

RELEASE OF FUNDS FOR BUILDINGS AND OTHER CAPITAL IMPROVEMENTS

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

Release No. 14

"For Permanent Improvements at Urbana-Champaign

Additions to Power and Heating Plant and Remodeling of Existing Buildings".....\$150 000

This is a partial release from an appropriation of \$1,215,000 of which \$880,000 has been budgeted for additions to the power plant and \$263,500 for remodeling of

existing buildings, of which \$137,465 has been earmarked for safety improvements in the Noyes Laboratory of Chemistry. The funds now released are for the construction of new stairways at the northwest and southwest entrances to the building, contracts for which were awarded by the Board of Trustees on November 29, 1949.

Release No. 15

"For Permanent Improvements at Chicago

Construction of Addition to Present Hospital".....\$5 804 110

This is a partial release from an appropriation of \$7,395,000. The Governor has previously released (Release No. 8) \$246,000 for architectural and engineering services for this project. The funds now released are for:

Building Construction (as per contracts awarded by the Board of Trustees on November 29, 1949).....\$5 368 629

Improvements Other Than Buildings

Grading and Landscaping.....\$ 5 700

Utility Extension 37 200 42 900

Expenditures During Construction

Maintaining Present Services During Construction.. 9 200

Relocating Departments 64 300 73 500

Allowances for Adjustments..... 74 900

\$5 559 929

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

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

SPECIAL APPROPRIATIONS FOR NONRECURRING EXPENDITURES

(8) The Committee on Nonrecurring Appropriations recommends assignments of funds from the "Reserve for Nonrecurring Purposes" in the budget for 1949-1950 as follows:

For cooperative use of College of Pharmacy and College of Agriculture

1. Buildings for Drug Plant Experiment Station.....\$ 65 000

For the Urbana-Champaign Campus

2. Installation of equipment in Mechanical Engineering laboratories..... 32 000

3. Utility Building for crop storage research..... 6 000

4. Remodeling of Horticulture Field Laboratory (additional)..... 4 100

5. Remodeling of rooms in David Kinley Hall..... 2 300

6. For preliminary work on plans and specifications for proposed Biology Building 10 000

For the Chicago Professional Colleges

7. Remodeling of quarters and equipment for Department of Biological Chemistry to be charged against State appropriations for buildings and other capital improvements for 1949-1951..... [100 000]

8. Purchase of three business machines for office of Business Manager of the Chicago Professional Colleges..... 1 200

9. Remodeling of research laboratory and general service room in the Medical and Dental College Laboratories Building for the Department of Bacteriology..... 975

10. Shelves and cabinets for autopsy and surgical reports room in the Medical and Dental College Laboratories Building for the Department of Pathology..... 700

Total from Reserve for Nonrecurring Purposes.....\$122 275

I concur.

The requests for these assignments of funds have been carefully studied by the Committee on Nonrecurring Appropriations. Reports of the Committee, giving details on each item, are submitted herewith.

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

APPROPRIATION FOR GRADUATE FELLOWSHIPS FOR 1950-1951

(9) The Dean of the Graduate College recommends that an appropriation of \$150,000 be made at this time for graduate fellowships for the year 1950-1951. The same amount was appropriated for the current academic year and is included in the preliminary budget estimates for next year. It is desirable that funds be committed now so that fellowship awards can be made and announced on April 1, 1950.

I concur.

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

FEDERAL FUNDS FOR ADVANCE PLANNING

(10) Public Law 352 enacted by the Eighty-first Congress provides additional funds to be loaned by the federal government to states and their political subdivisions to complete the plan preparation of public works. This is similar to a previous program under which the University received advances of funds for the plan preparation for the student and staff apartment building and the hospital addition at Urbana and the student residence halls and nurses home in Chicago.

The new law provides that the federal government will advance 25 per cent of the agreed sum and the remainder of the costs will be paid when the plans have been completed and approved by the Community Facilities Service of the General Services Administration. The monies advanced by the federal government for any project must be repaid without interest whenever funds become available for the construction of that project. If it is not started within three years and the funds advanced by the federal government have not been repaid within this period, the University will not be eligible to apply for loans or advances on any other public works under the provisions of this law.

The Building Program Committee recommends that the University apply for advances for the preparation of plans for the following buildings:

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

I concur and request that the Board of Trustees adopt the attached resolution (see Appendix, page 981), authorizing the filing of an application with the United States of America for such an advance.

On motion of Mrs. Watkins, the resolution was adopted as recommended.

**PROFESSIONAL WORK EXPERIENCE REQUIREMENTS IN
UNIVERSITY CURRICULA**

(11) The University Senate recognizes that it may be desirable for students to gain practical experience in their professional fields while pursuing certain programs of study in the University and that they may be strongly advised to do so. In general, such programs should be established and monitored by the licensing agencies or the professional associations concerned rather than by the University. Since, however, some programs of this type are or may be required by the University, the University Senate recommends adoption of the following policy:

1. The term "professional work experience" is defined as a term of service, usually away from the campus, in the vocational or professional field for which a student is preparing himself in a program of studies leading to a degree.

2. A professional work experience program may be made a requirement for a degree if the program is under the general supervision of the University.

3. Excepting regularly approved academic credit courses which may require field experience as a part of the laboratory work for credit, no formal academic credit will be granted for professional work experience.

4. In cases where the requirement for professional work experience is met by work done for the University, the University may pay for such work only when it would otherwise have to be done by an employee of the University and is not organized solely to provide such experience for the student.

I concur.

On motion of Mr. Livingston, this policy was adopted.

**CONTRACT FOR EQUIPMENT FOR ADDITION TO RESEARCH
AND EDUCATIONAL HOSPITALS IN CHICAGO**

(12) The Director of the Physical Plant and the Comptroller recommend award of a contract for \$189,138.83 to the Laboratory Furniture Company, Long Island City, New York, the lowest bidder, for the laboratory installations in the addition to the Research and Educational Hospitals in Chicago. Detailed plans and specifications based on the recommendations of the academic departments concerned were prepared by the Physical Plant Department and bids were invited by the Purchasing Division of the Chicago Business Office.

Funds are available for this work in the State appropriation to the University for 1949-1951 for "Construction of Addition to Present Hospital."

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

On motion of Dr. Meyer, authority was given as recommended.

CONTRACT FOR STRUCTURAL STEEL FOR POWER PLANT ADDITION

(13) The Director of the Physical Plant and the Comptroller recommend award of a contract for \$6,094 to Hansell-Elcock Company, Chicago, the lowest bidder, for the structural steel for the turbine room addition of the Abbott Power Plant at Urbana-Champaign, subject to the release of funds by the Governor. Funds are available in the State appropriation for 1949-1951 for "Additions to Power and Heating Plant and Remodeling of Existing Buildings."

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

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

**CONTRACT FOR EXTENSION OF STEAM SERVICE IN
STUDENT AND STAFF APARTMENTS AREA**

(14) The Director of the Physical Plant and the Comptroller recommend the award of a contract for \$16,479 to the Northwestern Heating and Plumbing Company, Evanston, Illinois, the lowest bidder, for the extension of steam service from the southwest corner of the first six-story building of the Student and Staff Apartments on Goodwin Avenue and Green Street to the second six-story building now under construction. Funds are available.

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

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

**CONTRACT FOR DRY CLEANING SERVICE FOR STUDENTS IN
UNIVERSITY RESIDENCE HALLS**

(15) It has become desirable to provide a central procedure for dry cleaning service for men living in University residence halls at Urbana-Champaign. It may be desirable later to provide a similar service in women's halls. It would be operated as a part of the "canteen" service established in some of the residence halls. A contract would be made with one company for all such service, handled through the canteen, and all pick-ups and deliveries would be made from a central point in the halls. The hall management would supervise the collection of accounts and the payments to the contracting company. This service would not prevent any resident in the halls from having his dry cleaning done by another service.

The Purchasing Division invited bids on this service from all local cleaners. Six bids were secured, and the best proposal is offered by William and Earnest Beightler, a partnership operating as "Chief Illini Cleaners." The schedule gives the lowest rates for individual items and a discount of 20 per cent for women's work and 25 per cent for men's work. This discount would be retained to cover the administrative cost of handling the centralized service, except that 5 per cent would be paid to the student organization in the halls for its social programs. The students would benefit by the lower schedule of rates.

The Director of Housing, the Director of Purchases, and the Comptroller recommend that a contract be made with the "Chief Illini Cleaners" on the basis of their bid to provide service in the Men's Residence Halls and that the contract be extended to include the Women's Residence Halls if that becomes desirable. All financial obligation assumed by the University is covered by collections to be made from students, including the overhead expense.

I recommend approval.

On motion of Dr. Meyer, this contract was awarded as recommended.

**CONTRACT FOR REMODELING IN MEDICAL AND
DENTAL COLLEGE LABORATORIES BUILDING**

(16) The Director of the Physical Plant and the Comptroller recommend the award of a contract for \$1,696 to the Mutual Contracting Company, Chicago, Illinois, the lowest bidder, for remodeling of Room 166 in the Medical and Dental College Laboratories Building. The work required consists of the construction of glass partitions, installation of lighting fixtures, and incidental changes to provide additional needed office space.

Funds are available in the special appropriation made by the Board of Trustees for this on October 25, 1949 (Minutes, page 922).

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

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

**CONTRACT FOR INSTALLATION OF FIRE PUMP IN
CHICAGO ILLINI UNION**

(17) The Director of the Physical Plant and the Comptroller recommend award of a contract in the amount of \$15,680 to the Economy Plumbing and Heating Company, Chicago, the lowest bidder, for the installation of a fire pump in the Chicago Illini Union Building.

The work required consists of furnishing and installing a 500 gallon per minute fire pump with all necessary pipes from city water main and to existing standpipe system with the necessary electrical work as required to operate the pump as prescribed by code. Also the installation of a sprinkler system as requested by the Chicago Fire Prevention Bureau of the Chicago Fire Department in the room used for lumber storage.

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

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

On motion of Dr. Meyer, authority was given as recommended.

ADDITION TO ELECTRICAL CONTRACT FOR CONSTRUCTION OF EAST CHEMISTRY BUILDING

(18) The Director of the Physical Plant and the Comptroller recommend an increase of \$2,066.20 in the contract with the Leverenz Electric Company for the electrical work in the construction of the East Chemistry Building. This increase is to provide for the furnishing and installation of electrical outlets and connecting machinery in Rooms 19 and 23.

Funds are available in the State appropriation for "Acquisition and Installation of Chemistry Building Equipment."

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

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

GIFT FROM THE CHAMPAIGN-URBANA KIWANIS CLUB AND ALPHA GAMMA DELTA SORORITY

(19) The Kiwanis Club and the alumnae chapter of the Alpha Gamma Delta Sorority in Champaign-Urbana have turned over to the University \$2,033.72 representing the proceeds of a dance to raise funds to aid Dr. Severina Nelson, Associate Professor of Speech and Director of the Speech Clinic, in her work with children suffering from cerebral palsy. The fund has been accepted by the University and has been made available for the purpose indicated.

I am happy to report this generous contribution of the Champaign-Urbana Kiwanis Club and the Alpha Gamma Delta Sorority.

On motion of Mr. Livingston, this report was received for record, and the Secretary was directed to express to the donors the appreciation of the Board.

PURCHASES

(20) A report of (A) emergency purchases authorized and (B) purchases recommended (see Appendix, page 982).

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

COMPTROLLER'S REPORT OF CONTRACTS

(21) The Comptroller's report of contracts executed from November 11 to December 10, 1949 (see Appendix, page 984).

This report was received for record.

INVESTMENTS

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

Purchase: ENDOWMENT FUNDS

\$7,000 Central Illinois Electric and Gas Company first mortgage 3% bonds, due 1975.....	\$ 7 215 25
\$15,000 U. S. Series G 2½% Savings Bonds, due 1961.....	15 000 00

This report was received for record.

REPORT OF EMERGENCY PURCHASES OF COAL

(23) As a result of the coal strike, on October 25, 1949, the Board of Trustees authorized the President of the Board and the Comptroller to approve emergency purchases of coal at the best price obtainable by the Director of Purchases. The

following is a report of such purchases made since the last Board meeting on November 29, 1949:

<i>Urbana</i>	<i>Price (f.o.b. mine)</i>	<i>Freight</i>	<i>Total</i>
Haddaway Coal Co., St. Louis, Missouri 4,000 tons (approximately)			
Per ton.....	\$ 3 25	\$ 2 64	\$ 5 89
Total.....	13 000 00	10 560 00	23 560 00
C. V. Beck & Co., St. Louis, Missouri 1,250 tons			
Per ton.....	4 00	2 05	6 05
Total.....	5 000 00	2 562 50	7 562 50
Haddaway Coal Co., St. Louis, Missouri 1,250 tons			
Per ton.....	3 50	2 64	6 14
Total.....	4 375 00	3 300 00	7 675 00
<i>Total, Urbana</i>	(22 375 00)	(16 422 50)	(38 797 50)
<i>Chicago</i>			
Roth-Adam Fuel Co., Chicago 275 tons ½" washed screenings			(Delivered prices)
Per ton.....			8 50
Total.....			2 337 50
Oberheide Coal Co., Chicago 165 tons ¾"-1 ½"			
Per ton.....			10 50
Total.....			1 732 50
Fleming Coal Co., Chicago 500 tons 1 ¼"-0 washed screenings			
Per ton.....			9 61
Total.....			4 805 00
<i>Total, Chicago</i>			(8 875 00)
	\$22 375 00	\$16 422 50	\$47 672 50

This report was received for record.

SECRETARY'S REPORTS

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

1. Appointments made by the President of the University (page 976).
2. Graduate fellows (page 979).
3. Resignations, declinations, and cancellations (page 980).
4. Leaves of absence (page 981).

The Board adjourned.

H. E. CUNNINGHAM
Secretary

KENNEY E. WILLIAMSON
President

APPENDIX

APPOINTMENTS MADE BY THE PRESIDENT

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

- ABROMOWITZ, ADA, Instructor, Social Welfare Administration, nine months beginning December 1, 1949, \$3880 a year, supersedes (12-20-49).
- ADAMS, RAYMOND J., Assistant, Orthopaedic Surgery (Medicine), six months beginning January 1, 1950, without salary (1-5-50).
- ANDERSON, MARGARET I., Instructor, Social Welfare Administration, nine months beginning December 1, 1949, \$4000 a year, supersedes (12-20-49).
- BARD, GREGORY, Instructor, Physical Medicine and Rehabilitation (Medicine), ten months beginning November 1, 1949, \$4800 a year (12-2-49).
- BINKLEY, MAX A., Instructor, Accountancy (Business Organization and Operation) ($\frac{1}{2}$), six months beginning March 1, 1950, to render service during the second semester of the academic year, \$137.50 a month, supersedes (11-28-49).
- BINKLEY, STEPHEN B., Associate Professor, Biological Chemistry (Medicine), ten months beginning November 1, 1949, to render service during the academic year, \$7500 a year (11-23-49).
- BLEAKNEY, WALKER, Visiting Professor, Physics (C & Graduate College), nine months beginning September 16, 1950, \$7500 a year (12-22-49).
- BRIGHTON, GERALD D., Instructor, Accountancy (Business Organization and Operation) ($\frac{1}{2}$), six months beginning March 1, 1950, to render service during the academic year, \$1700 a year, supersedes (12-17-49).
- BRONSON, BARBARA, Acquisition Assistant, Library, December 4, 1949-August 31, 1950, \$3500 a year (12-2-49).
- BUCHMASTER, ROBERT E., Assistant, Orthopaedic Surgery (Medicine), six months beginning January 1, 1950, without salary (1-5-50).
- BUREK, ALOYSIUS W., Assistant Professor, Hygiene, and Medical Adviser for Men, Health Service, eight months beginning January 1, 1950, \$7000 a year (12-2-49).
- BURNETTE, PAUL J., Education, Philosophy, and Psychology Librarian, rank of Instructor, Library, eight months beginning January 1, 1950, \$375 a month (12-22-49).
- CARNAP, RUDOLF, Visiting Professor, Philosophy, February 14-June 13, 1950, \$5000 (12-23-49).
- COME, LOIS B., Research Assistant, Medicine (Medicine), November 14, 1949-August 31, 1950, \$2400 a year (12-17-49).
- COYLE, HELEN, Lecturer, Social Welfare Administration, four months beginning February 1, 1950, \$200 a month (1-5-50).
- CRAMER, GLENN E., Instructor, General Engineering Drawing (Undergraduate Division in Chicago), September 5, 1949-August 31, 1950, to render service during the academic year, \$4500 a year, supersedes (1-5-50).
- DELL, PAUL C., Lecturer, Psychiatry, rank of Professor (Medicine), nine months beginning December 1, 1949, \$5000 a year (12-2-49).
- DOLLINS, CURTIS W., Special Research Assistant Professor, Engineering Materials (Theoretical and Applied Mechanics) (S), eight months beginning January 1, 1950, \$6000 a year, supersedes (12-13-49).
- DOYLE, MRS. VIRNELLE, Instructor, Social Welfare Administration, nine months beginning December 1, 1949, \$3900 a year, supersedes (12-20-49).
- DRAKE, MRS. ALINA, Instructor, Social Welfare Administration, nine months beginning December 1, 1949, \$3804 a year; for convenience of employee, one meal daily while on duty valued at \$96 a year will also be provided, supersedes (12-20-49).
- DYER, EVELYN, Instructor, Clinical Speech (Division of Services for Crippled Children) ($\frac{1}{2}$), eleven months beginning October 1, 1949, \$150 a month, and in Department of Otolaryngology (Medicine) ($\frac{1}{2}$), October 15, 1949-August 31, 1950, \$150 a month (12-2-49).
- FELLOWS, ARNOLD L., Instructor, English ($\frac{1}{2}$), six months beginning March 1, 1950, to render service during the academic year, \$925, supersedes (12-22-49).

- FINLAY, GILBERT C., Assistant Professor, Education, Assistant to the Dean of the College of Education, and Head of Counseling Services, two years beginning September 1, 1949, \$5300 a year, supersedes (11-22-49).
- FORD, ALBERT T., Assistant Professor, Naval Science, December 13, 1949-until further notice, without salary (12-27-49).
- FOSTER, CAROL, Assistant Teacher, Nursery School (Division of Special Services for War Veterans), seven months beginning January 1, 1950, to render service during the academic year, \$208.34 a month (12-31-49).
- GANNON, NORMAN, Special Research Assistant, Economic Entomology (C & Natural History Survey) ($\frac{1}{2}$), eight months beginning October 1, 1949, \$125 a month, and on full time, three months beginning June 1, 1950, \$250 a month (11-22-49).
- GARNESKI, THOMAS M., Electroencephalographer, Psychiatry (Medicine), December 28, 1949-August 31, 1950, \$233.33 a month (1-6-50).
- GARRIGUS, UPSON S., Assistant Professor, Animal Science (C) ($\frac{1}{2}$), to render service during each academic year, and in the Agricultural Experiment Station ($\frac{1}{2}$) (on Y basis), January 1, 1950-August 31, 1951, \$5300 a year, supersedes (12-13-49).
- GIBSON, DAVID M., Special Research Assistant, Chemistry (Graduate College), eight months beginning January 1, 1950, \$2800 (12-13-49).
- GILMAN, STANLEY F., Special Research Associate, Mechanical Engineering (C), one year beginning September 1, 1949, \$4500, supersedes (12-7-49).
- GONNERMAN, ALICE, Instructor, Social Welfare Administration, nine months beginning December 1, 1949, \$3360 a year, supersedes (12-20-49).
- GOVE, S. K., Research Assistant, Institute of Government and Public Affairs, one year beginning January 1, 1950, \$3800 (12-22-49).
- GRISSOM, ROBERT L., Associate, Medicine (Medicine), eight months beginning January 1, 1950, \$6500 a year (1-6-50).
- HAASE, ERNST, Consultant, Illinois Eye and Ear Infirmary (Neurology and Neurological Surgery) ($\frac{1}{2}$), and Clinical Assistant Professor, Neurology (Psychiatry) ($\frac{1}{2}$) (Medicine), one year beginning September 1, 1949, \$3000, supersedes (1-6-50).
- HAM, JOHN P., Lecturer, Social Welfare Administration ($\frac{1}{4}$), four months beginning February 14, 1950, \$600 (12-22-49).
- HARKNESS, ETHEL T., Research Assistant, Bacteriology (Medicine), ten months beginning November 1, 1949, \$300 a month (11-22-49).
- HEYER, ALBERT W., JR., Assistant Professor, Psychology, seven months beginning February 1, 1950, to render service during the second semester of the academic year, \$321.43 a month (12-30-49).
- HILLER, ALMA E., Associate Professor, Biological Chemistry (Medicine), nine months beginning December 1, 1949, to render service during the academic year, without salary (12-5-49).
- HOLT, ALFRED S., Research Associate, Botany (Graduate College), eight months beginning January 1, 1950, \$425 a month (12-7-49).
- JACOBS, HARRY J., Assistant, Accountancy (Business Organization and Operation), February 1-June 15, 1950, \$1400, supersedes (12-17-49).
- JAMES, ROBERT M., Instructor, Accountancy (Business Organization and Operation) ($\frac{1}{2}$), six months beginning March 1, 1950, to render service during the second semester of the academic year, \$137.50 a month, supersedes (11-28-49).
- JOHNSON, CARL A., Assistant Professor, Clinical Science (Medicine), seven months beginning February 1, 1950, without salary (1-5-50).
- JUDIESCH, MARGARET, Instructor, Social Welfare Administration, nine months beginning December 1, 1949, \$3204 a year; for convenience of employee, one meal daily while on duty valued at \$96 a year will also be provided, supersedes (12-20-49).
- KESEL, ROBERT G., Professor, Applied Materia Medica and Therapeutics, and Head of the Department, indefinite tenure, and Lecturer, Postgraduate Evening Courses (Postgraduate Studies), one year (Dentistry), beginning September 1, 1949, \$11,240 a year, supersedes (12-13-49).
- KIELY, JAMES P., Instructor, Physiology (Medicine), eleven months beginning October 1, 1949, to render service during the academic year, \$4500 a year, supersedes (12-7-49).

- KNIERING, ROBERT F., Research Assistant, Medicine (Medicine), one year beginning December 12, 1949, \$2850 (1-5-50).
- KREBS, MARGARET, Instructor, Social Welfare Administration, nine months beginning December 1, 1949, \$3004 a year; for convenience of employee, one meal daily while on duty valued at \$96 a year will also be provided, supersedes (12-20-49).
- KUBACKI, W. HOWARD, Professor, Full and Removable Partial Dentures, and Head of the Department, and Director of the Dental Clinics, indefinite tenure, Lecturer in Postgraduate Evening Courses (Postgraduate Studies), one year (Dentistry), beginning September 1, 1949, \$9240 a year, supersedes (12-13-49).
- LEGRAND, DOROTHY L., Assistant, Home Economics (S), one year beginning September 1, 1949, \$3500, supersedes (12-2-49).
- LERNER, ISADORE, Clinical Assistant, Pediatrics (Medicine), nine months beginning December 1, 1949, without salary (12-13-49).
- LINK, WALDEMAR A., Assistant Professor, Operative Dentistry (Dentistry) ($\frac{2}{3}$), December 1, 1949-August 31, 1951, \$2080 a year, supersedes (12-13-49).
- MACLEAN, FLORENCE M., Assistant Professor, Occupational Therapy, Clinical Director, Occupational Therapy (Physical Medicine and Rehabilitation) (Medicine), one year beginning September 1, 1949, \$4500, supersedes (1-5-50).
- MALKUS, WILLEM V. R., Instructor, Physics (Undergraduate Division in Chicago) ($\frac{2}{3}$), November 9, 1949-June 30, 1950, to render service during the academic year, \$240 a month (1-5-50).
- MASSLER, MAURY, Professor, Graduate Pedodontia, indefinite tenure, Lecturer in Postgraduate Evening Courses (Postgraduate Studies), one year (Dentistry), beginning September 1, 1949, \$8925 a year, supersedes (12-13-49).
- MCPHERSON, WILLIAM H., Professor, Economics (Economics) (Institute of Labor and Industrial Relations), indefinite tenure beginning September 1, 1949, to render service during each academic year, \$6000 a year, supersedes (12-13-49).
- METZGER, F. R., Assistant Professor, Physics (C), six months beginning February 1, 1950, to render service during the second semester of the academic year, \$375 a month (12-30-49).
- MEYER, JULIA, Research Associate, Oral Pathology (Dentistry), six months beginning January 1, 1950, \$350 a month (12-17-49).
- MILLER, WILLIAM H., Assistant Professor, Music ($\frac{3}{4}$), six months beginning March 1, 1950, to render service during the academic year, \$312.50 a month, supersedes (12-13-49).
- NASH, JOHN P., Research Assistant Professor, Applied Mathematics (Graduate College), February 1, 1950-October 31, 1951, \$600 a month (12-22-49).
- OINK, ETHEL G., Serials Librarian, rank of Assistant (Undergraduate Division in Chicago), February 6-August 31, 1950, \$3200 a year (1-6-50).
- PASTVA, MRS. ELOISE C., Research Associate, Psychology (Psychiatry) (Medicine), nine months beginning December 1, 1949, \$416 a month (12-13-49).
- RICHMOND, JULIUS B., Professor, Pediatrics (Medicine), indefinite tenure, Lecturer, Social Welfare Administration (Urbana), nine months, beginning December 1, 1949, \$8450 a year, supersedes (1-5-50).
- ROSENWALD, ALAN K., Instructor, Psychiatry, Clinical Psychologist (Psychiatry) (Medicine), eight months beginning January 1, 1950, \$500 a month, supersedes (12-2-49).
- ROSENWALD, ALAN K., Assistant Professor, Psychiatry, Clinical Psychologist (Psychiatry) (Medicine), eight months beginning January 1, 1950, \$500 a month, supersedes (1-5-50).
- RUBIN, LOUIS, Clinical Instructor, Dermatology (Medicine), November 9, 1949-August 31, 1950, without salary (12-2-49).
- RUSSELL, MARIAN E., Associate Professor, Social Welfare Administration, Supervisor, Social Case Work, rank of Associate Professor, December 1, 1949-August 31, 1951, \$6000 a year, supersedes (12-20-49).
- SCHIEBE, JOHN R., Clinical Assistant, Surgery (Medicine), nine months beginning December 1, 1949, without salary (1-5-50).
- SCHOOR, ISAAC, Professor, Histology, Head of Department (82/100), Associate Dean in charge of Postgraduate Studies (18/100), indefinite tenure, Lecturer in Postgraduate Evening Courses (Postgraduate Studies), one year, (Dentistry), beginning September 1, 1949, \$12,900 a year, supersedes (12-13-49).

- SREEBNY, LEO M., Research Assistant, Applied Materia Medica and Therapeutics (Dentistry), ten months beginning December 1, 1949, \$4000 a year, supersedes (12-17-49).
- STRUIK, RUTH R., Assistant, Mathematics (Liberal Arts and Sciences and Graduate College), five months beginning February 1, 1950, \$250 a month (12-22-49).
- SUGAR, OSCAR, Assistant Professor, Neurological Surgery (Neurology and Neurological Surgery) (Medicine) ($\frac{4}{5}$), ten months beginning November 1, 1949, \$4800 a year, supersedes (12-23-49).
- TAYLOR, DONALD E., Special Research Assistant, Mechanical Engineering (S), eight months beginning January 1, 1950, \$250 a month (1-6-50).
- TYNER, EDWARD H., Professor, Soil Fertility (Agronomy) (C) ($\frac{4}{5}$), to render service during each academic year, (S) ($\frac{1}{3}$) (on Y basis), indefinite tenure beginning April 1, 1950, \$6400 a year (12-14-49).
- VERGES, PETER G., Research Assistant, Otolaryngology (Medicine), six months beginning December 1, 1949, \$250 a month (12-13-49).
- WADE, BEATRICE D., Associate Professor, Occupational Therapy, indefinite tenure, Director, Occupational Therapy, one year, (Physical Medicine and Rehabilitation) (Medicine), beginning September 1, 1949, \$6000, supersedes (1-5-50).
- WALTERS, CHARLES S., Associate Professor, Forest Utilization (Forestry) (S), indefinite tenure beginning February 1, 1950, \$6667 a year, supersedes (1-6-50).
- WATERHOUSE, GILBERT, Exchange Professor, German, four months beginning September 1, 1950, \$525 a month (12-5-49).
- WEATHERS, WARREN O., Assistant, Naval Science, beginning November 25, 1949, and continuing until further notice, without salary (12-27-49).
- WEINMANN, JOSEPH P., Professor, Oral Pathology, indefinite tenure, Lecturer in Postgraduate Evening Courses (Postgraduate Studies), one year (Dentistry), beginning September 1, 1949, \$9240 a year, supersedes (12-13-49).
- WENTZ, FRANK M., Assistant Professor, Histology, two years, Lecturer in Postgraduate Evening Courses (Postgraduate Studies), one year (Dentistry), beginning September 1, 1949, \$5160 a year, supersedes (12-13-49).
- ZIMMERMANN, ARNOLD A., Professor, Anatomy, indefinite tenure, to render service during each academic year, Lecturer, Postgraduate Studies, one year (on Y basis) (Medicine), beginning September 1, 1949, \$8500 a year, supersedes (12-13-49).

GRADUATE FELLOWS

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

- ADAMS, JOHN G., Research Fellow, Pharmacology (Medicine), eight months beginning January 1, 1950, \$1200 a year (1-5-50).
- BARNETT, ZOLO G., Fellow, Education, February 1-June 15, 1950, \$500 (12-20-49).
- BEAN, CHARLES P., Fellow, Physics, February 1-June 15, 1950, \$425 (12-20-49).
- BENJAMIN, ROLAND J., Fellow, Theoretical and Applied Mechanics, February 1-June 15, 1950, \$350 (12-20-49).
- BHATTACHARJEE, JYOTI PRASAD, Booth Fellow, Agricultural Economics, February 1-June 15, 1950, \$500 (10-9-49).
- CHAMBERLIN, MRS. LORRAINE, Fellow, Psychology (Graduate College), eight months beginning November 1, 1949, \$960 (12-17-49).
- CHANNON, STANLEY L., Olin Industries, Inc., Fellow, Metallurgical Engineering, February 1-June 15, 1950, \$500 (12-15-49).
- CHU, CHIA-CHEN, Fellow, Chemistry, September 16, 1949-January 31, 1950, \$425, February 1-June 15, 1950, \$500, supersedes (11-28-49).
- EDELMAN, MILTON T., Fellow, Economics, February 1-June 15, 1950, \$500 (12-20-49).
- FRIEDMAN, MARVIN H., Fellow, Physics, February 1-June 15, 1950, \$425 (12-20-49).
- FUMI, FAUSTO G., Postdoctoral Fellow, Physics (Graduate College), October 28, 1949-August 31, 1950, \$2940, supersedes (12-7-49).
- FUNDERBURK, WILLIAM H., Research Fellow, Pharmacology (Medicine), October 15, 1949-August 31, 1950, \$4000 a year (12-2-49).
- GLAUDIN, VINCENT, Fellow, Psychology (Graduate College), eight months beginning November 1, 1949, \$960 (12-17-49).
- GORDON, ARCHER S., Fellow, Medicine, November 16, 1949-June 30, 1950, \$525 (11-28-49).

- HERSHENHART, ALICE R., Fellow, Education, February 1-June 15, 1950, \$350 (12-20-49).
- HUNTINGTON, DOROTHY A., Fellow, Speech, February 1-June 15, 1950, \$425 (12-20-49).
- KYLE, ROBERT H., Research Fellow, Medicine (Medicine), eight months beginning January 1, 1950, without salary (12-13-49).
- LANDE, MILTON J., Fellow, Dentistry, November 16, 1949-June 30, 1950, \$525 (11-28-49).
- LARSON, ARTHUR Q., JR., Fellow, History, February 1-June 15, 1950, \$500 (12-20-49).
- LEGER, GEORGE F., JR., Fellow, Mathematics, February 1-June 15, 1950, \$500 (12-20-49).
- LOH, ARTHUR T. Y., Fellow, Economics, September 16, 1949-January 31, 1950, \$350, and February 1-June 15, 1950, \$425, supersedes (11-25-49).
- McKITTRICK, PAUL S., Fellow, Chemistry, February 1-June 15, 1950, \$425 (12-20-49).
- PILOT, MARTIN L., Research Fellow, Pharmacology (Medicine), January 15-August 31, 1950, \$1200 a year (1-5-50).
- RAMASWAMI, DASU, Fellow, Pharmacy, November 16, 1949-June 30, 1950, \$750 (11-28-49).
- REINSCH, ARTHUR J., Fellow, Chemical Engineering, February 1-June 15, 1950, \$350 (12-20-49).
- SEN, SUDHIR, Fellow, Ceramic Engineering, February 1-June 15, 1950, \$500 (12-20-49).
- SHAHBENDER, RABAH A., Fellow, Electrical Engineering, February 1-June 15, 1950, \$425 (12-20-49).
- STALLMEYER, JAMES E., Standard Oil Company Fellow, Civil Engineering, February 1-June 15, 1950, \$750 (12-15-49).
- SWOBODA, THOMAS J., Fellow, Chemistry, February 1-June 15, 1950, \$500 (12-20-49).
- TANADA, TAKUMA, Fellow, Botany, February 1-June 15, 1950, \$500 (12-20-49).
- TAYLOR, RICHARD W., Fellow, Political Science, February 1-June 15, 1950, \$500 (12-20-49).
- TUNG, LU-HO, Fellow, Chemical Engineering, February 1-June 15, 1950, \$425 (12-20-49).
- VINSON, EDDIE B., Fellow, Entomology, February 1-June 15, 1950, \$425 (12-20-49).
- YEN, TI, Fellow, Mathematics, February 1-June 15, 1950, \$425 (12-20-49).

RESIGNATIONS, DECLINATIONS, AND CANCELLATIONS

- ABBOTT, JOHN C., Fellow, Agricultural Economics — declination effective 9-16-49.
- BLICKENSTAFF, DELBERT, Research Fellow, Clinical Science (Medicine) — resignation effective 12-1-49.
- BROPHY, EDMOND M., Fellow, Medicine (Medicine) — resignation effective 10-1-49.
- BUREK, ALOYSIUS W., Assistant Professor, Hygiene, and Medical Adviser for Men, Health Service — declination effective 1-1-50.
- CAVANAUGH, MRS. JOYCE J., Serials Librarian, rank of Assistant (Undergraduate Division in Chicago) — resignation effective 2-15-50.
- CHANG, HSIOH-TEH, Fellow, Medicine (Medicine) — resignation effective 12-31-49.
- CHESS, MRS. DOROTHY A., Instructor, Obstetrics and Gynecology (Medicine) — resignation effective 1-1-50.
- EGGENBERGER, WALTER, Booth Fellow, Horticulture — declination effective 9-16-49.
- ERKMAN, J. O., Special Research Assistant, Physics (C) — resignation effective 1-7-50.
- FULLER, EVELYN L., Assistant Teacher, Nursery School (Division of Special Services for War Veterans) — resignation effective 1-1-50.
- GOFF, MARY O., Assistant Professor, Home Economics (C) — resignation effective 3-1-50.
- GORDON, ARCHER S., Fellow, Medicine — declination effective 11-16-49.
- GRACE, MRS. VERA H., Research Assistant Professor, Veterinary Physiology and Pharmacology (Veterinary Medicine), and Assistant Professor, Veterinary Research (S) — resignation effective at the close of business 12-10-49.
- HARTLEY, LOIS T., Instructor, English — resignation effective 3-1-50.

- HEISER, BRUCE A., Fellow, Chemistry — resignation effective 11-14-49.
- KOTT, HARRIET, Assistant Professor, Hygiene, and Medical Adviser for Women — declination effective 10-1-49.
- MUNZER, CHARLOTTE M., Instructor, English (Undergraduate Division in Chicago) — resignation effective 2-28-50.
- NELSON, MRS. EVALYN R., Education, Philosophy, and Psychology Librarian, rank of Instructor — resignation effective 1-15-50.
- NEWMAN, JOHN H., Assistant, Naval Science — cancellation effective 10-22-49.
- PHILLIPS, JAMES A., Special Research Associate, Physics (S) — resignation effective 5 p.m. 12-14-49.
- PORTER, RALPH L., Research Associate, Mechanical Engineering (S) — resignation effective 9-1-49.
- ROOF, MRS. HELEN F., Cataloger, rank of Instructor, Library (Chicago Professional Colleges) — resignation effective 1-15-50.
- SCHNEIDER, SOPHIA, Electroencephalographer, Psychiatry (Medicine) — resignation effective 11-10-49.
- SCOTT, ROBERT E., Instructor, Political Science — resignation effective 3-1-50.
- SHAKLEE, WILLIAM E., Assistant, Animal Science (S) — resignation effective 1-31-50.
- SLEZAK, GEORGE C., Research Fellow, Clinical Science (Medicine) — declination effective 7-1-49.
- WHITESIDE, EUGENE P., Associate Professor, Soil Physics (Agronomy) (C & S) — declination effective 11-1-49.
- WHITESIDE, EUGENE P., Assistant Professor, Soil Physics (Agronomy) (C & S) — resignation effective at the close of business 1-16-50.

LEAVES OF ABSENCE

- CONNERS, MRS. SUSANNE O., Instructor, English (Undergraduate Division in Chicago) — leave of absence, with salary, September 1-October 14, 1949, and without salary, October 15, 1949-January 31, 1950.

FEDERAL FUNDS FOR ADVANCE PLANNING

Resolution Authorizing Filing of Application with the United States of America for an Advance to Provide for the Advance Planning of Non-Federal Public Works under the Terms of Public Law 352, Eighty-first Congress of the United States, Approved October 13, 1949

WHEREAS, the University of Illinois, herein called the "Applicant," after thorough consideration of the various aspects of the problem and study of available data has hereby determined that the construction of certain public works, generally described as the Biology Building, Pharmacy Building, Student and Staff Housing, Law Building, Psycho-Educational Clinic, and the Physics Building addition, are desirable and in the public interest and to that end it is necessary that action preliminary to the construction of said works be taken immediately; and

WHEREAS, under the terms of Public Law 352, Eighty-first Congress, approved October 13, 1949, the United States of America has authorized the making of advances to public bodies to aid in defraying the cost of architectural, engineering, and economic investigations and studies, surveys, designs, plans, working drawings, specifications, procedures and other action preliminary to the construction of public works (exclusive of housing); and

WHEREAS, the Applicant has examined and duly considered such act and the Applicant considers it to be in the public interest and to its benefit to file an application under said Act and to authorize other action in connection therewith;

NOW, THEREFORE, BE IT RESOLVED by the Board of Trustees, the governing body of said applicant, as follows:

1. That the construction of said public works is essential to and is to the best interests of the Applicant, and to the end that such public works may be provided as promptly as practicable, it is desirable that action preliminary to the construction thereof be undertaken immediately;

2. That Lloyd Morey, Comptroller, be hereby authorized to file in behalf of the Applicant an application (in form required by the United States and in conformity with said Act) for an advance to be made by the United States to the

Applicant to aid in defraying the planning cost preliminary to the construction of such public works, which shall consist generally of University Buildings for instruction, research, and housing;

3. That if such advance be made the Applicant shall provide or make necessary arrangements to provide such funds, in addition to the advance, as may be required to defray the cost of such action preliminary to the construction of the public works;

4. The said representative is hereby authorized to furnish such information and take such other action as may be necessary to enable the Applicant to qualify for the advance;

5. That the officer designated in the preceding paragraph is hereby designated as the authorized representative of the Applicant for the purpose of furnishing to the United States such information, data, and documents pertaining to the application for an advance as may be required; and otherwise to act as the authorized representative of the Applicant in connection with this application;

6. That certified copies of this Resolution be included as part of the application for an advance to be submitted to the United States.

PURCHASES

A. Purchases Authorized

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

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
10,000 copies University of Illinois Undergraduate Study Catalog, 1949-1950	University Press	Interstate Printers & Publishers, Inc., Danville	\$5 073 70 f.o.b. Urbana
600 copies <i>Tensions That Cause Wars</i> , edited by Hadley Cantril, to be printed and bound	University Press	Haddon Craftsmen, Inc., Scranton, Pa.	2 637 00 f.o.b. Urbana
Install 1" x 12" perforated acoustical tile in Band Building on wood strips in accordance with specifications prepared by Physical Plant Department	Physical Plant	Home Insulation Co., Champaign	1 185 00
Four recording mechanisms, two rack mounted amplifiers, and two portable amplifiers	Radio Station	Allied Radio Corp., Chicago	2 989 00 f.o.b. Urbana
Approximately 70,000 gals. regular gasoline (72-74 ASTM) for the period of January 1 to June 30, 1950	Physical Plant	Shell Oil Co., Urbana	10 862 60 f.o.b. Urbana

B. Purchases Recommended

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

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Caps and gowns for use of graduates in the February and June, 1950, classes	Purchasing Office	E. R. Moore Co., Chicago	10 715 00 (approx- imately)
Laboratory furniture for Department of Bacteriology as specified	Physical Plant	Metalab Equipment Co., Brooklyn, N.Y.	20 693 30 f.o.b. Urbana
One ice builder system complete, for use in milk cooling	Food Technology	Creamery Package Manufacturing Co., Chicago	1 224 00 f.o.b. Wisconsin Dells, Wis.
One steam cage sterilizer, stainless steel, constructed per specifications and blueprint, and completely installed in the Natural History Building	Physiology	Schroeder's Heating & Ventilating Contractors, Champaign	1 359 80
Intercommunication and paging equipment and installation in accordance with specifications prepared by the Department of Physical Medicine and Rehabilitation and the Physical Plant Department	Physical Medicine and Rehabilitation, College of Medicine	Tri Par Sound Systems, Chicago	1 772 10 delivered and installed

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One only tube replacement for Medical Betatron	Radiology	Betatron	Allis-Chalmers Manufacturing Co., West Allis, Wis. 3 000 00
One micro forge, complete with optical unit and accessories	Zoology	A. S. Aloe Co., St. Louis, Mo.	1 125 00 f.o.b. Urbana
18 microscopes, stereoscopic, inclined binocular 1.0X, 2.0X, and 3.0X paired objectives, 9X and 2X paired eyepieces, hardwood board stage, complete with cases; microscopes engraved with inventory numbers	Zoology	W. H. Kessel & Co., Chicago A. S. LaPine & Co., Chicago E. H. Sargent & Co., Chicago	2 554 20 2 554 20 2 554 20 7 662 60
One vibrating Reed electrometer, model 30	Physics	Applied Physics Corp., Pasadena, Calif.	1 500 00 f.o.b. Pasadena
One nonrecording microphotometer with accessories	Physics	Jarrell-Ash Co., Boston, Mass.	1 655 70 f.o.b. Boston
One extractor, chemical, solid to liquid for batchwise operation	Chemistry	Brighton Copper Works, Cincinnati, Ohio	3 140 00 f.o.b. Cincinnati
One new Baldwin grand piano, style F (7 ft.)	Music	Mendel Riley, Champaign	2 781 54 f.o.b. delivered
One bookkeeping machine with fixed posting line alignment and three removable control bars	Illini Union	Burroughs Adding Machine Co., Champaign	2 656 69 delivered
Fifteen ventilating fans, laboratory hood, equipped with 220 volt, 3 phase, 60 cycle motor, rubber vibration absorbing bases, fans to be coated inside with acid resistance coating	Physical Plant	New York Blower Co., Chicago Transportation cost	2 469 26 16 69 2 485 95
One lot of parts for complete overhaul of Cleveland folder that has been in use since August, 1936	Print Shop	Dexter Folder Co., Chicago	1 433 44 f.o.b. Pearl River, N.Y.
Six quarterly issues of the <i>University of Illinois Law Forum</i> , 2,000 copies of 184 pages an issue, beginning with the Spring, 1950 issue	College of Law	Interstate Printers & Publishers, Inc., Danville	11 218 00
800 copies <i>The Piperacea of Northern South America</i> by William Trelease and T. G. Yunker	University Press	Waverly Press, Inc., Baltimore, Md.	7 445 16
5,000 reams 8 3/4" x 10 3/8" 20# duplicator paper	Office Supply Store	Bradner Smith & Co., Chicago	3 275 00 f.o.b. Urbana
200 reams 22 x 34 - 40# 100% rag bond, white, opaques; 25 reams 22 x 34 - 32# 100% rag bond, white, opaques; 30 reams 22 x 34 - 26# 100% rag bond, white, opaques; to be watermarked with University seal	Office Supply Store	Dwight Brothers Paper Co., Chicago	3 308 48 f.o.b. Urbana
250 reams 22 x 34 - 40# 25% rag bond, white, opaques; 150 reams 22 x 34 - 32# 25% rag bond, white, opaques; to be watermarked University of Illinois	Office Supply Store	Dwight Brothers Paper Co., Chicago	2 779 28 f.o.b. Urbana
600 cases bleached paper hand towels	Physical Plant	Decatur Paper House, Inc., Decatur	2 922 00 f.o.b. Champaign
69 trench coats, full-length officer's style gabardine top coats for advanced course students in R.O.T.C. Ground Forces	Military Department	Associated Military Stores, Chicago	1 138 50 f.o.b. delivered
5,000 board feet 1 1/4" B and better, air dried rough cypress	Physical Plant	Gaines Hardwood Lumber Co., St. Louis, Mo.	1 237 50 f.o.b. Champaign
5,000 board feet 1 1/4" kiln dried birch, rough first and seconds (clear), random widths and lengths	Physical Plant	White Pine Lumber Co., Chicago	1 650 00 f.o.b. delivered
200,000 gal. No. 1 range oil to meet specifications	Residence Halls	Stewart Oil Co., Champaign	21 681 00

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Approximately 60,000 gallons aviation gasoline to be delivered over a period of six months from January 1 to June 30, 1950	Institute of Aviation	Shell Oil Co., Chicago	11 756 71 f.o.b. delivered
1,000 gal. interior flat white lead and lead mixing oil paint mixed in proportion of 100 lbs. white lead to 3 gal. lead mixing oil	Physical Plant	John R. MacGregor Lead Co., Chicago	3 950 00 delivered
One $\frac{3}{4}$ ton pickup truck less body to replace 1940 Chevrolet truck	Physical Plant	Sullivan Chevrolet Co., Champaign	1 063 02
One $1\frac{1}{2}$ ton truck with flat bed dump body to replace 1941 GMC truck	Physical Plant	Noble Motor Sales, Danville	1 848 24
Two dump trucks, two-ton capacity to replace 1922 Mack, five-ton dump truck	Physical Plant Storeroom	Sullivan Chevrolet Co., Champaign	4 835 80

**COMPTROLLER'S REPORT OF CONTRACTS EXECUTED
NOVEMBER 11 TO DECEMBER 10, 1949**

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Date</i>
Department of the Navy, Naval Personnel	Instruction to NROTC students	\$63 934 40	September 1, 1949
Department of the Navy, Naval Personnel	N600s-p-3872	959 20	September 1, 1949
Department of the Navy, Office of Naval Research	N60ri-07127	7 700 00	September 1, 1949
Department of the Navy, Bureau of Medicine and Surgery	N130-s 32767	1 350 00	August 4, 1949
Charter Seed Co.	Introduction of lima bean seed		November 18, 1949
Department of the Army, Headquarters Fifth Army	Course—residency in psychiatry		June 15, 1949
Army Air Force, Air Materiel Command	AF33(038)-4040	Cost reimbursement	September 27, 1949
St. Luke's Hospital School of Nursing	Agreement for affiliation		November 23, 1949
Veterans Administration	V3028v-844	(Tuition 25 00 Laboratory fee 4 00)	June 27, 1949
Department of the Army, Office of the Surgeon General	W-49-007-MO-496	7 560 00	June 15, 1949
<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>	<i>Date</i>
Fleming Coal Company	Purchase of 9,000 tons of coal	\$64 530 00	September 1, 1949
E. C. Manthei, Consulting Engineer	Services at Horticulture Field Laboratory	285 00	December 6, 1949

**LEASES EXECUTED UNDER GENERAL REGULATIONS OF THE BOARD OF TRUSTEES
FROM NOVEMBER 11 TO DECEMBER 10, 1949**

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Date</i>
Sarah E. Pope, et al.	Mortgage release due to payment of loan		November 1, 1949
<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>	<i>Date</i>
Museum of Modern Art Film Library	Rental of five films	\$ 29 00	October 12, 1949

REPORT OF CONTRACT CHANGES EXECUTED FROM NOVEMBER 11 TO DECEMBER 10, 1949

<i>With Whom</i>	<i>Purpose</i>	<i>Amount of Change</i>	<i>Date</i>
Fleming Coal Co.	Freight rate increase, 11¢ a ton, on coal contracts	\$ 593 00 (estimated)	September 23, 1949

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

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>
Lewis S. Colbert	Five adjustments	\$2 094 90
Reliable Plumbing and Heating Co.	One adjustment	1 148 74 ¹
Schroeder's	One adjustment	83 20
Square Deal Electric Co.	One adjustment	160 00

¹ Deduct, contract reductions.