

MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

November 19, 1948



The November meeting of the Board of Trustees of the University of Illinois was held on Friday, November 19, 1948, at the Blackstone Hotel, in Chicago, according to the following schedule:

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

12:30 p.m. — Open session.

The following members were present: General Davis, Mrs. Holt, Mr. Livingston, Mr. McKelvey, Dr. Meyer, Mr. Nickell, Mr. Williamson.

Provost C. R. Griffith was present, acting for President Stoddard; also Vice-President A. C. Ivy, Secretary H. E. Cunningham, Comptroller Lloyd Morey, Assistant to the President, Mr. A. J. Janata, and Legal Counsel W. E. Britton.

In the absence of President Fornof, Mr. McKelvey was made chairman of the meeting.

MINUTES APPROVED

The Secretary presented the minutes of the meetings of July 21-22 (pages 1-74) and September 23, 1948 (pages 75-134).

On motion of Mr. Livingston, the minutes were approved as printed above.

CONFIRMATION OF APPOINTMENT OF MR. D. W. SMYTHE

The Provost reported for the President on the appointment of Professor Dallas W. Smythe, on which the Board, at the meeting of July 22, 1948 (Minutes, page 33), asked for further information. The President had previously sent, under date of September 9, a formal, written report to all members of the Board of Trustees, a copy of which is in the files of the Secretary of the Board as a matter of record.

After discussion, and on motion of Mr. Livingston, the Board voted that this appointment be confirmed, in the light of information available today.

REVISION OF STATUTES

In view of the fact that a question was raised with respect to the appointment of Professor Smythe, and in view also of the confusion that arose three years ago in connection with the appointment of a Director of the Division of Special Services for War Veterans, General Davis moved that the provisions of the University Statutes relating to interim appointments by the President of the University be referred to the Committee on General Policy, in conference with the President, for revision and report to the Board for adoption. The motion was passed.

It is the sense of the Board that all appointments should be made in conformity with the University Statutes, and that the Board should be informed at each meeting of all interim appointments involving tenure of more than one year.

MATTERS PRESENTED BY THE PROVOST

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

REPORT OF THE EXECUTIVE COMMITTEE ON EMPLOYMENT OF SPECIAL COUNSEL

(1) The Board of Trustees on October 21, 1948 (Minutes, page 137), authorized the University's Legal Counsel to employ special counsel in litigation cases, subject to Board approval in each case.

The Executive Committee on November 3, 1948, authorized the employment of Mr. John T. Chadwell of the firm of Snyder, Chadwell, and Fagerburg, Chicago, in the case of Blackburn, *et al.* vs. Fornof, *et al.*, in the Circuit Court of Cook County. This is a mandamus action under the Civil Service Act challenging the right of the University to discontinue the function of providing instruction for crippled children in the Research and Educational Hospitals. Three teachers were given "lay-off" notices on July 1, 1948. The case may go to the State Supreme Court.

This report was received for record.

SPECIAL COUNSEL, KENNEY VS. BOARD

(2) The Legal Counsel requests authority to engage Mr. John T. Chadwell, of Chicago, as special counsel in the case of Kenney vs. Board of Trustees, a civil service case that should be reached for trial early in January.

On motion of Mr. Livingston, this authority was granted, the fees to be determined by the Board.

ILLINI SCHOLARSHIPS, INC.

(3) On February 21, 1948 (Minutes, page 974), the Board of Trustees approved a plan for the award of undergraduate scholarships for which funds would be supplied by "Illini Scholarships, Inc." of Chicago, and accepted \$1,750 to cover the first two scholarships established under this plan.

One of the scholarship holders failed to comply with the conditions of the award and thus forfeited his scholarship after holding it one year. The other recipient has resigned from the scholarship. There are no students at present receiving scholarships established under this fund and no new candidates have been recommended. At the request of the officers of Illini Scholarships, Inc., the balance of \$1,500 remaining in this fund has been refunded to this organization.

On motion of Mr. Nickell, this action was approved and confirmed.

MIDWEST INTER-LIBRARY PROGRAM

(4) During the past fifty years the libraries of the midwest have built up great collections and have become an active creative force in the promotion and development of research. There has been a tremendous expansion of physical facilities and staff. Each library has tried to acquire as much of the books and other materials it needs as its financial resources will permit but now there are not enough copies of some essential research materials for all libraries that need them and not even the wealthier libraries can finance the purchase of all published materials. Under these circumstances no one library can satisfy the needs of research and scholarship from its own resources.

The presidents of thirteen midwestern universities¹ and a "Conference of Midwestern Research Libraries" have been discussing plans for cooperation in the further development of library facilities. It has been proposed that there be established a "Midwest Inter-Library Corporation" composed of cooperating member libraries which would undertake a program of action in three areas: (1) Cooperative housing of little-used material (books and other materials which should be preserved but which are not used enough to give them working library space); (2) coordination of collecting policies; and (3) cooperative technical and bibliographic services. These three areas are separable and the adoption of the proposals in any one does not require adoption of the others. The presidents of the thirteen midwestern universities at a meeting held on November 1, 1948, unanimously approved this program and its objectives in principle. They also agreed to recommend its approval, in principle, to their respective governing boards and to request authorization to participate in future planning, and to join in an appeal to the Carnegie Corporation of New York for financial support.

There are certain elements in this program which must be considered very carefully by the University of Illinois from the standpoint of its own internal policies and its responsibilities to the public before commitments are made.

I am recommending, on behalf of the President, that the Board of Trustees authorize the President and other appropriate University officers to proceed with further discussions and negotiations, including specifically (1) participation by the University in the organization of the Midwest Inter-Library Corporation and Center and the selection of a board of directors and an executive committee; (2) joining with other institutions in a request to the Carnegie Corporation of New York for financial support; and (3) the payment by the University of its share of the expenses of organizing the Midwest Inter-Library Corporation and Center. Further financial commitments, after the Corporation is organized, would still be subject to approval by the participating institutions.

On motion of Dr. Meyer, authority was granted as requested.

SALE OF SPECTROGRAPH

(5) During the years 1937-1941 the Physics Department built a mass spectrograph under the supervision of Professor E. B. Jordan, a specialist in spectroscopy, who was appointed to the staff for research and instruction in that field of physics. The spectrograph is a highly precise instrument capable of yielding accurate values of atomic masses and is much needed in present-day physics. It was expected that Professor Jordan would use the instrument in his researches for several years; in fact, he did use it for two years following its completion and it yielded results

¹ H. L. Bevis, Ohio State University; E. C. Colwell, University of Chicago; E. B. Fred, University of Wisconsin; C. E. Friley, Iowa State College; V. M. Hancher, University of Iowa; J. A. Hannah, Michigan State College; H. T. Heald, Illinois Institute of Technology; F. L. Hovde, Purdue University; J. L. Morrill, University of Minnesota; A. G. Ruthven, University of Michigan; F. B. Snyder, Northwestern University; G. D. Stoddard, University of Illinois; and H. B. Wells, Indiana University.

of value. During 1942-1943, Professor Jordan was obliged to resign from the University because of poor health and since then the instrument has not been used. The Department has not been able to find a successor who would be interested in and qualified to carry on research with the mass spectrograph. The University now has an opportunity to sell this instrument to the Argonne National Laboratory for use by Dr. A. J. Dempster, a world authority on mass spectroscopy. It appears unlikely that anyone else will want the instrument or at least be willing to pay for it.

The instrument cost the University \$16,087. This includes the cost of materials used, the time of the departmental machine shop, and the time of a glass blower. It does not include any of Professor Jordan's time, a good deal of which was spent on the design of the instrument.

The Head of the Department of Physics, the Dean of the College of Engineering, and the Dean of the Graduate College recommend the sale of the instrument to the Argonne National Laboratory for \$15,000. This price was set by the Head of the Department after consultation with several parties concerned and has been accepted by the Argonne National Laboratory. The price is approximately what it cost the University to construct the instrument but is considerably below present-day replacement cost. On the other hand, no one would purchase it at the replacement figure because it would be preferable to construct a new instrument exactly suited to the purposes of the user. Hence the price proposed appears equitable.

I recommend that the Board of Trustees authorize the sale of this instrument and that the proceeds be appropriated to the Department of Physics for its research work.

On motion of Mr. Davis, this sale was authorized and the receipts assigned as recommended, by the following vote: Aye, Mr. Davis, Mrs. Holt, Mr. Livingston, Mr. McKelvey, Dr. Meyer, Mr. Nickell, Mr. Williamson; no, none; absent, Mr. Fornof, Mr. Green, Dr. Luken, Mr. McLaughlin.

AWARD OF CONTRACT FOR ARCHITECTURAL SERVICES ON REMODELING OF OLD BOILER HOUSE AT URBANA

(6) On January 8, 1948 (Minutes, page 954), the Board authorized the acquisition of an electronic digital computer at an estimated maximum cost of \$150,000. It has been decided to house the computer project in the old boiler house, which was vacated when the new power plant was erected. The old boiler house is now a part of the Physical Plant Service Building and is used as a warehouse. It is desired to remodel this building by putting in floors and other interior installations to make full use of the available space, which is not only urgently needed for the computer project but also for other important University activities now inadequately housed.

The Building Program Committee included \$200,000 for remodeling this building in its recommendations for 1949-1951, under the heading of Building Remodeling and Improvement at Urbana. The Board approved this item as a part of the capital appropriations for 1949-1951. It is very desirable that plans and specifications be prepared at once so that work can go forward as soon as funds become available.

The Physical Plant Department has recommended that Holabird and Root and Burgee of Chicago be engaged for this service on a fee basis of $4\frac{1}{2}$ per cent of the estimated cost of the project for working drawings and specifications only, and 6 per cent of the total cost for complete service if funds are appropriated for the remodeling but not to exceed a maximum fee of \$15,000 for architectural services. The firm offered a credit for studies made by the University four years ago for use of the same area as a warehouse or storage building, which resulted in approximately the same general solution as is now proposed, the exact amount of credit to be determined later, after preliminary studies have been completed and the amount of savings can be determined. It is estimated that this credit will amount to about one-half per cent.

Negotiations are in progress to secure outside funds to support and strengthen the computer program, and it is hoped that a proposal based on these negotiations can be submitted to the Board at an early meeting. Meanwhile, however, the availability of space in the boiler house at the earliest possible date is essential to the

success of the project, and funds already appropriated for it may be used for preparing plans.

The Dean of the Graduate College recommends that the cost of plans for remodeling the building be paid out of the \$150,000 already allocated to the computer project by the Board.

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

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

CLASSIFICATION OF "TEACHER OF HANDICAPPED CHILDREN" DISCONTINUED

(7) The Legal Counsel recommends the adoption of the following resolution.

Whereas, the teaching of children of common and high-school age who are patients in the Illinois Surgical Institute for Children, in the Research and Educational Hospitals of the University of Illinois, has been discontinued, and

Whereas, it is the judgment of the Board of Trustees of the University of Illinois that it is for the good of the classified service to abolish the classification of "Teacher of Handicapped Children,"

Therefore, Be It Resolved by the Board of Trustees of the University of Illinois under and by virtue of the powers conferred upon it by the statutes of Illinois in such case made and provided and in accordance with the rules promulgated thereunder by the Board, that the classification designated "Teacher of Handicapped Children" and appearing on page 360 of the Class Specifications and Compensation Plan of the University of Illinois, hereby is abolished.

Professor Britton commented on this matter.

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

OPEN SESSION

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

AWARD OF CERTIFICATES OF CERTIFIED PUBLIC ACCOUNTANT

(1) The Committee on Accountancy recommends that the certificate of Certified Public Accountant be awarded the following under Section 5 of the Accountancy Act of 1943. These persons have presented evidence that they are holders of valid and unrevoked C.P.A. certificates issued by other states on the basis of their having successfully passed regular written examinations. They have also satisfied all other requirements of this section of the act.

RALPH HOWARD ACKERMAN (Ind.)	JACK DEMPSEY HUGGINS (Mo.)
ISRAEL DAVID BOTNICK (N.Y.)	HAROLD WOODROW JONES (Okla., Ark.)
JAMES EFFORD BURGESS (Wis.)	CHARLES SILEP (Ind.)
LEONARD ANDREW HAUSMAN (Mo.)	ROBERT WILSON SLEEPER (Md.)
JOSEPH JAMES HOLLAND (Mo.)	MURRAY ALEXANDER WEBSTER (Ohio)
JAMES HOOPER (Tenn.)	

I concur.

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

LEAVES OF ABSENCE FOR MEMBERS OF THE STAFF

(2) I have authorized leaves of absence with full pay in the following cases, and request confirmation.

Professor ROGER ADAMS, Head of the Department of Chemistry. The National Academy of Sciences is assembling another scientific group to go to Japan for two or three weeks at the request of General Douglas MacArthur, Supreme Commander for the Allied Powers, for conferences with Japanese scientists. Professor Adams has been asked to serve on this mission. It will require his absence from the University from approximately November 19 to December 29.

Professor H. W. KENDALL, Head of the Department of Physical Medicine. The Office of the Surgeon General, Department of the Army, has requested the services of Professor Kendall as a civilian consultant to advise the Theater Surgeon in the Pacific Area and the hospital staffs on the treatment of patients. This will require Professor Kendall's absence from the University for a period of approximately thirty days beginning November 1, 1948.

On motion of Mr. Davis, the action of the President in granting these leaves of absence was approved and confirmed.

AMENDMENT OF CLASS SPECIFICATIONS AND COMPENSATION PLAN FOR NONACADEMIC PERSONNEL

(3) In the volume of Class Specifications and Compensation Plan appear separately listed statements concerning each position classification of the University civil service. Each statement includes three parts: Definitions, Duties by Example, and Qualifications. The paragraph on Qualifications sets forth details as to training, experience, and personal qualifications normally considered as those necessary for satisfactory job performance. By their very nature, most of these statements of qualification are specific. In the majority of cases the specific qualifications as set forth are obtainable and desirable in the form listed. Occasionally there is an applicant who, while not possessing exactly the qualifications as printed in our description, has a combination of other or different qualifications which make his employment or promotion highly desirable.

The Director of Nonacademic Personnel recommends that the Class Specifications and Compensation Plan be amended to include the following paragraph:

"Under exceptional circumstances training or experience deemed equivalent in value though differing in detail may be substituted for that specified on recommendation of the department head and approval of the Director of Nonacademic Personnel."

The Legal Counsel has advised that it is within the power of the Board of Trustees under the State Civil Service Law to adopt this amendment.

I concur.

On motion of Mrs. Holt, this amendment was adopted 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. Temporary building for research at Airport.....	\$ 38 000
2. Remodeling at Navy Pier to provide additional physical education facilities	35 000
3. Repowering and relighting of Physics Building.....	30 000
4. Remodeling Men's Old Gymnasium.....	20 200
5. Remodeling Agricultural Engineering Building.....	13 000
6. For Chicago Professional Colleges.....	30 725
a. Remodeling and equipment for Research and Educational Hospitals:	
Purchase and installation of two water coolers in the cafeteria dining rooms.....	\$ 800
Remodeling Room 38A.....	550
Locks for closet doors in nurses' residence.....	585
Increased illumination in Medical Records Room....	875
Operating room equipment.....	3 300
Remodeling the operating room vacuum system....	2 000
Ice cube equipment and ice storage.....	3 200
	<hr/> \$11 310
b. Museum cases for the College of Medicine.....	2 500
c. Furniture and office fixtures for Publications Editor....	400
d. X-ray equipment for the College of Dentistry.....	915
e. Purchase of radiology equipment.....	7 000
f. Remodeling and equipment for Otolaryngology Laboratory.....	8 600

7. Service drives at Talbot Laboratory.....	4 300
8. Additional space for Foreign Language Office at Chicago Undergraduate Division.....	3 800
9. Rehabilitation of residence building at 608 South Mathews for use by the School of Music.....	2 625
10. Replacement of boiler at Cook County Experiment Station at Des Plaines	2 500
11. Remodeling Animal Room in Animal Genetics Building.....	2 300
12. Remodeling and equipment for Department of Geography (remodeling of Room 249 Natural History Building and equipment).....	6 203
<i>Total</i>	<u>\$188 653</u>

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

APPROPRIATION OF FUNDS AND AWARD OF CONTRACTS FOR ALTERATIONS TO DAVID KINLEY HALL

(5) On July 22, 1948 (Minutes, page 17), the Board of Trustees approved an appropriation of \$2,400 for architectural services for remodeling David Kinley Hall to provide fourteen additional offices and five classrooms which are urgently needed.

The Committee on Special Appropriations and Nonrecurring Expenditures recommends an appropriation of \$55,000 be made for this remodeling. The Director of the Physical Plant Department and the Comptroller recommend the award of a contract for the general construction work to E. N. DeAtley, Champaign, Illinois, the lowest bidder, in the amount of \$48,732.50. The balance of the recommended appropriation will be needed for other phases of the remodeling and for contingencies.

I recommend that an appropriation of \$55,000 be made for this project and that the Comptroller and the Secretary of the Board be authorized to execute a contract with E. N. DeAtley.

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

AWARD OF CONTRACT FOR SERVICE DRIVES AT TALBOT LABORATORY

(6) Bids were received for the reconstruction of sidewalks on the north side of Green Street between Wright Street and Goodwin Avenue and for the construction of service drives at Talbot Laboratory. That portion of the bids relating to the sidewalks was awarded to the General Paving Company, the lowest bidder, by the Board of Trustees on September 23, 1948 (Minutes, page 90). The recommendation for the award of the contract for drives was withheld since funds were not available.

The Committee on Special Appropriations and Nonrecurring Expenditures has studied the need for the service drives and has included in its recommendations (separately submitted), an additional appropriation for this purpose. If the Board makes this appropriation the Comptroller and the Director of the Physical Plant Department recommend the award of the contract to the General Paving Company, also the lowest bidder on this portion of the work.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute a change in the contract with the General Paving Company to include construction of the service drives at Talbot Laboratory at a cost of \$7,080.

On motion of Mrs. Holt, this change of contract was authorized as recommended.

AWARD OF CONTRACT FOR FIRE PROTECTION FACILITIES

(7) The following bids were received on the installation of a new fire alarm system at Urbana-Champaign:

Hecker & Company, Inc., Chicago.....	\$32 632
Kil-Bar Electric Company, Chicago.....	28 565

These bids are on the installation of a distribution system and branch connections to ten buildings.

The Director of the Physical Plant Department and the Comptroller recommend award of a contract to the Kil-Bar Electric Company, the lower bidder. Funds are available in the State appropriation for "Construction of fire protection facilities" to cover this installation with the exception of connections to the Illini Union Coffee House (\$140), the Men's Residence Halls (\$185), and the Military Stables (\$125), which will be financed from current operating funds for these buildings.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute a contract with the Kil-Bar Electric Company in the amount of \$28,565.

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

ADDITION TO CONTRACT FOR GENERAL WORK ON PHYSICAL ENVIRONMENT UNIT IN THE RESEARCH AND EDUCATIONAL HOSPITALS

(8) The Director of the Physical Plant Department and the Comptroller recommend an increase of \$2,838.20 in the general contract with the E. H. Marhoefer, Jr., Company of Chicago, Illinois, for the construction of the Physical Environment Unit in the Research and Educational Hospitals to cover installation of laboratory equipment.

Funds are available in the State appropriation for the "Construction of addition to present Hospital Building for Research in Physical Environment."

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

On motion of Mr. Davis, this addition to contract was authorized as recommended.

PURCHASES

(9) 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 (see Appendix, page 183).

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

COMPTROLLER'S REPORT OF CONTRACTS

(10) The Comptroller's report of contracts executed from September 11 to October 10, 1948 (see Appendix, page 185).

This report was received for record.

INCREASE IN CONTRACT FOR PRINTING SPECIALIZED PUBLICATIONS

(11) On June 30, 1945 (Minutes, page 519), the Board of Trustees approved an increase in the rates of the contract with the George Banta Publishing Company, Menasha, Wisconsin. This company has printed *The Journal of English and Germanic Philology* for thirty-five years. The company specializes in the particular type of printing required for this publication and has provided the University with first class service and high-grade printing.

The present contract provides that either party may terminate the contract by a ninety days' notice to the other party. The George Banta Publishing Company has submitted a revised price schedule to be effective October 1, 1948, which

represents an increase of approximately 23 per cent over the schedule approved in 1945. The new prices are not out of line with price increases in the printing industry.

The Director of the University Press, the Director of Purchases, and the Comptroller recommend that this new schedule of prices be accepted and the present contract so amended.

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

On motion of Mr. Livingston, this amendment to contract was approved as recommended.

ADDITION TO CONTRACT FOR ARCHITECTURAL SERVICES FOR ELECTRICAL ENGINEERING BUILDING

(12) A contract for architectural services on the Electrical Engineering Building was awarded by the Board of Trustees on June 30, 1945 (Minutes, page 507), to Graham, Anderson, Probst, and White at a fee of 6 per cent of the construction cost. Changes in the construction of the building, made at the request of the Department of Electrical Engineering, after the original plans had been drawn have required additional architectural services.

The Comptroller and the Director of the Physical Plant Department recommend a change in the contract with Graham, Anderson, Probst, and White to provide for a payment of \$5,507.76 to cover additional architectural services. Funds are available in the State appropriation for the construction of the building.

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, this change in contract was authorized as recommended.

AWARD OF CONTRACT FOR GENERAL WORK REMODELING OF AGRICULTURAL ENGINEERING BUILDING

(13) The Committee on Special Appropriations and Nonrecurring Expenditures has included in its recommendations (separately submitted in item No. 4) an appropriation of \$13,000 for remodeling the Agricultural Engineering Building. If the Board makes this appropriation, the Director of the Physical Plant Department and the Comptroller recommend the award of the general work to L. S. Colbert, Champaign, under the terms of the contract with this firm for minor alterations as approved by the Board of Trustees on July 22, 1948 (Minutes, page 18). The estimated cost of the general work is \$7,300. On remodeling jobs of this size it is not feasible to secure firm competitive bids. In fact, many contractors will not bid on such work because there are more uncertain factors of cost in remodeling work than in new construction.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute an addition to the contract with L. S. Colbert for this remodeling job on a cost plus fee basis.

On motion of Mr. Nickell, this addition to contract was authorized as recommended.

AWARD OF CONTRACT FOR CONSTRUCTION OF CANCER EXHIBIT IN MUSEUM OF SCIENCE AND INDUSTRY

(14) Bids have been received for the construction of the following University of Illinois exhibits in the Museum of Science and Industry in Chicago: (1) installation of a Cancer Exhibit adjacent to the present Miracle of Growth Exhibit, and (2) additions to the present Miracle of Growth Exhibit. The Illinois Division of the American Cancer Society has assigned \$50,000 for the new exhibit and funds are available in the budget of the Vice-President in Charge of the Chicago Professional Colleges for additions to the Miracle of Growth Exhibit.

The Director of the Physical Plant Department and the Comptroller recommend the award of a contract to the C. W. Haynes Company, Chicago, the lowest bidder, on a lump sum basis of \$19,407 and the acceptance of an alternate bid of \$677 (covering additions to the Miracle of Growth Exhibit), or a total contract

award of \$20,084. I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute a contract with the C. W. Haynes Company in the amount of \$20,084.

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

COLLEGE ADVISORY COMMITTEES IN AGRICULTURE

(15) The Dean of the College of Agriculture recommends the following appointments to advisory committees for the College of Agriculture and the Agricultural Experiment Station effective January 1, 1949, and continuing until further notice. New members are indicated by an asterisk.

I concur and recommend appointments of these men to the Citizens Committee according to the practice of including all college advisory committees in the membership of the general committee.

Agricultural Economics

JOHN P. HANNA, Geneseo
FRED E. HERNDON, Macomb
EARL M. HUGHES, Woodstock
ERNEST D. LAWRENCE, Danvers
H. H. McLAUGHLIN, Salem

Agricultural Engineering

W. H. BEAUMAN, Tunnel Hill
GILBERT W. BROWN, Geneseo
ROYAL OAKES, Bluffs
*CARL R. OLSON, Freeport
T. J. SHAMBAUGH, JR., Oakley

Agronomy (Farm Crops)

ROY BURRUS, Arenzville
J. R. HOLBERT, Bloomington
J. R. HUEY, Carthage
L. L. LOWE, Aroma Park

Agronomy (Soils)

MARION FINLEY, Hoopston
CHARLES B. SHUMAN, Sullivan
EARL C. SMITH, Detroit
*WALTER NEWLIN, Casey

Animal Science

LYMAN BUNTING, Ellery
A. K. HOHENBOKEN, Geneseo
L. E. MATHERS, Mason City
J. C. McLEAN, Quincy
CHARLES MEEK, Carrollton
J. R. FULKERSON (Honorary lifetime member), Jerseyville

Dairy Production

*O. M. BURTON, Lake Forest
CHESTER J. McCORD, Newton
*J. W. OVITZ, M.D., Sycamore
*ROSCOE A. PAGE, Chicago
W. J. SWAYER, Gurnee

Forestry

L. A. ABBOTT, Morrison
HOWARD M. McDONALD, Trivoli
MRS. C. PHILLIP MILLER, Chicago

Horticulture (Vegetable and Fruit Crops)

LEO J. HAGEMANN, Peoria
VILAS HENSEL, Princeton
LLOYD A. KORITZ, Rochelle
DAVID B. PERRINE, Centralia
PAUL RINGHAUSEN, Hamburg

Horticulture (Floriculture)

RUDOLPH ELLSWORTH, Downers Grove
WILLIAM G. LOVERIDGE, Peoria
JAMES SYKORA, Chicago
P. A. WASHBURN, Bloomington
WILLIAM J. WERSTLER, Champaign

General Committee

ERNEST D. LAWRENCE, Agricultural Economics
T. J. SHAMBAUGH, JR., Agricultural Engineering
CHARLES B. SHUMAN, Agronomy
L. E. MATHERS, Animal Science
W. J. SWAYER, Dairy Production
JAMES SYKORA, Horticulture
HOWARD M. McDONALD, Forestry

On motion of Mrs. Holt, these committees were appointed as recommended.

QUARTERLY REPORT OF THE COMPTROLLER

(16) The Comptroller presents his quarterly report to the Board as of September 30, 1948. Copies of this report have been sent to all members of the Board in advance of this meeting.

This report was received for record.

SECRETARY'S REPORT OF CONTRACTS

The Secretary presented for record the following documents signed by the President and the Secretary of the Board, and deposited with the Secretary since the last report.

1. Consumers Company, dated July 23, 1948, for 9,000 tons of coal, @ \$8.87 a ton, f.o.b. 1824 W. Taylor Street, Chicago.
2. Bell & Zoller Coal Company, dated July 1, 1948, for 12,000 tons of coal, @ \$4.45 a ton, f.o.b. mine.
3. Central Indiana Coal Company, dated July 28, 1948, for 15,000 tons of coal, @ \$4.25 a ton, f.o.b. mine.
4. Lafayette Coal Company, dated August 20, 1948, for 3,000 tons of coal, @ \$4.38 a ton, f.o.b. mine.
5. Taylor-English Coal Company, dated August 3, 1948, for 25,000 tons of coal, @ \$4.45 a ton, f.o.b. mine.

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 180).
2. Graduate fellows (page 182).
3. Resignations and cancellations (page 182).

The Board adjourned.

H. E. CUNNINGHAM
Secretary

JOHN R. FORNOF
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.)

- BALLARD, GEORGE P., Clinical Assistant, Medicine (Medicine), eleven months beginning October 1, 1948, without salary (10-30-48).
- BLAISDELL, DONALD C., Visiting Professor, Political Science, five months beginning February 1, 1949, \$4000 (10-30-48).
- BOND, EPPERSON E., Research Associate, Pharmacology (Medicine), October 4, 1948-August 31, 1949, \$3000 a year (11-11-48).
- BUCK, PAUL C., Professor, Neurology and Neurological Surgery (Medicine) ($\frac{1}{4}$), indefinite tenure beginning October 1, 1948, \$1800, supersedes (10-30-48).
- CHRISTIAN, WILLIAM A., Clinical Instructor, Medicine (Medicine), eleven months beginning October 1, 1948, without salary (10-30-48).
- CLARK, CARL E., Assistant, Radiology (Medicine), ten months beginning November 1, 1948, without salary (10-30-48).
- COOGAN, MARY M., Assistant, Chemistry, nine months beginning September 16, 1948, \$2400, supersedes (10-20-48).
- CROSS, DOROTHY M., Research Assistant, Physiology (Medicine), three months beginning October 1, 1948, \$183.33 a month (11-2-48).
- DANFORTH, PAR, Director, Robert Allerton Park, rank of Professor (Division of University Extension), eight months beginning January 1, 1949, \$8000 a year, also provided living quarters (11-1-48).
- DAVID, MRS. GRACE, House Director, Women's Annex, ten months beginning September 1, 1948, \$1350 (10-20-48).
- DOWELL, DOROTHY, Instructor, Labor and Industrial Relations and Extension (Institute of Labor and Industrial Relations and Division of University Extension), October 15, 1948-August 31, 1949, \$3900 a year (10-20-48).
- DU BRUL, E. LLOYD, Assistant Professor, Oral Anatomy (Histology) ($\frac{1}{2}$), Assistant Professor, Oral and Maxillofacial Surgery ($\frac{1}{4}$), Assistant Professor, Department of Postgraduate Studies ($\frac{1}{4}$), (Dentistry), ten months beginning November 1, 1948, \$5800 a year, supersedes (11-2-48).
- FIX, LESTER W., Assistant, Pathology (Medicine), October 14, 1948-August 31, 1949, without salary (10-30-48).
- FRY, FRANCIS J., Special Research Associate, Electrical Engineering (S), full time, October 1, 1948-February 8, 1949, \$5200 a year ($\frac{3}{4}$), February 9-August 31, 1949, \$3900 a year, supersedes (11-11-48).
- GAGNON, JAMES A., Instructor, Histology ($\frac{35}{100}$), Operative Dentistry ($\frac{40}{100}$) (Dentistry), October 4, 1948-August 31, 1949, \$3375 a year, supersedes (10-20-48).
- GRAHAM, RUTH E., Assistant Professor, Hygiene, Medical Advisor for Women (Undergraduate Division in Chicago) ($\frac{1}{2}$), two months beginning September 1, 1948, \$3500 a year (11-2-48).
- GREENGARD, JOSEPH, Clinical Assistant Professor, Pediatrics (Medicine), October 15, 1948-August 31, 1949, without salary (10-20-48).
- GRIFFITH, GORDON L., Special Research Assistant, Physics (S), seven months beginning February 1, 1949, \$270 a month, supersedes (11-12-48).
- GRUNWALD, MARSHALL F., Assistant Professor, Applied Materia Medica and Therapeutics (Dentistry) ($\frac{2}{5}$), one year beginning September 1, 1948, \$1680, supersedes (11-11-48).
- GUNTER, MARTIN J., Instructor, Clinical Science (Medicine), one year beginning October 1, 1948, without salary (10-30-48).
- HAINES, ALEYNE C., Assistant, Bureau of Research and Service ($\frac{1}{2}$), one year beginning September 1, 1948, \$1400, Assistant, Education ($\frac{1}{2}$), nine months beginning September 16, 1948, \$1200, supersedes (11-11-48).
- HAYDEN, EDGAR C., Special Research Associate, Electrical Engineering (S), full time, September 16, 1948-February 8, 1949, \$5200 a year ($\frac{3}{4}$), February 9-August 31, 1949, \$3900 a year, supersedes (10-20-48).
- HIRSCH, MRS. AUGUSTA K., Research Assistant, Chemistry (Graduate College), one year beginning October 1, 1948, \$3000 (10-30-48).

- HODGES, NORVAL D., Assistant Legal Counsel, November 3, 1948-August 31, 1949, \$5400 a year, supersedes (11-3-48).
- KRASNO, LOUIS R., Assistant Professor, Clinical Science (Medicine), one year beginning October 1, 1948, without salary (10-30-48).
- KRAUSZ, NORMAN G. P., First Assistant, Agricultural Economics (Agricultural Experiment Station and Institute of Government and Public Affairs), ten months beginning November 1, 1948, \$4000 a year (11-11-48).
- LEASE, BENJAMIN, Assistant Professor, English (Undergraduate Division in Chicago), academic year beginning September 1, 1948, \$4500 (11-2-48).
- LEWIS, WARREN C., Clinical Assistant, Medicine (Medicine), eleven months beginning October 1, 1948, without salary (10-30-48).
- LIEBMAN, SAMUEL, Instructor, Psychiatry (Medicine), eleven months beginning October 1, 1948, without salary (10-30-48).
- LINK, MRS. HELEN H., Instructor, Foreign Languages (Undergraduate Division in Chicago), five months beginning September 1, 1948, \$300 a month (10-20-48).
- LOWENSTEIN, WERNER, Instructor, Foreign Languages (Undergraduate Division in Chicago) ($\frac{1}{2}$), five months beginning September 1, 1948, \$800 (10-20-48).
- MACKAY, ROLAND P., Professor, Neurology (Neurology and Neurological Surgery) (Medicine) ($\frac{1}{3}$), indefinite tenure beginning November 1, 1948, \$2400 a year, supersedes (10-30-48).
- MAGEE, DONALD F., Instructor, Clinical Science (Medicine), eleven months beginning October 1, 1948, \$3600 a year (11-2-48).
- MARCHETTI, PIETRO V., Instructor, Psychology, six months beginning March 1, 1949, \$4000 a year, supersedes (10-22-48).
- MATTESON, MRS. PATRICIA, Clinical Counselor, Student Counseling Bureau, one year beginning September 1, 1948, \$3500 (10-20-48).
- MEAGHER, R. E., Special Research Assistant Professor, Physics (C), one year beginning September 1, 1948, \$8000 (10-25-48).
- MILLER, I. M., Instructor, English (Undergraduate Division in Chicago), academic year beginning September 1, 1948, \$3100 (10-20-48).
- MINATOYA, HIROAKI, Research Assistant, Physiology (Medicine), September 1, 1948-September 30, 1949, \$3000 (10-30-48).
- MOHR, ELIZABETH, Research Assistant, Chemistry (Graduate College), nine months beginning October 1, 1948, \$2385 (10-20-48).
- MOORE, MILDRED J., Instructor, Home Economics Education, five months beginning September 1, 1948, \$1800, Research Assistant, Bureau of Research and Service ($\frac{1}{2}$), seven months beginning February 1, 1949, \$816.69 (10-30-48).
- OLECH, ELI, Associate Professor, Oral and Maxillofacial Surgery, indefinite tenure, Acting Director, Minor Oral Surgery, ten months (Dentistry) ($\frac{1}{2}$), beginning November 1, 1948, \$3750 a year, supersedes (11-2-48).
- ORAVEC, VERA A., Instructor, Foreign Languages (Undergraduate Division in Chicago) ($\frac{1}{4}$), five months beginning September 1, 1948, \$400 (10-20-48).
- PETTICREW, G. A., Special Research Associate, Electrical Engineering (S) ($\frac{3}{4}$), ten months beginning November 1, 1948, \$325 a month (10-30-48).
- PINHASIK, ANN, Assistant Catalog Librarian, rank of Instructor (Undergraduate Division in Chicago), October 6, 1948-August 31, 1949, \$3000 a year (10-20-48).
- RICHMOND, JULIUS B., Associate Professor, Pediatrics, indefinite tenure, Lecturer, Social Welfare Administration, one year (Medicine), beginning September 1, 1948, \$8000, supersedes (10-30-48).
- ROSS, EDWARD, Professor, Psychology ($\frac{1}{4}$), nine months beginning September 16, 1948, \$3250 (10-22-48).
- ROTTSCHAER, HENRY W., Assistant, Anatomy (Medicine), eleven months beginning October 1, 1948, without salary (10-30-48).
- RUBENSTEIN, LAURENCE H., Assistant, Anatomy (Medicine), eleven months beginning October 1, 1948, without salary (10-30-48).
- SANDBERG, JOAN, Assistant, Chemistry, nine months beginning September 16, 1948, \$2400, supersedes (10-20-48).
- SCHAFFNER, JOHANNES S., Special Research Associate, Electrical Engineering (S) ($\frac{1}{2}$), September 16, 1948-August 31, 1949, \$1800 (11-11-48).
- SIEVERS, JEROME J., Clinical Assistant, Medicine (Medicine), October 15, 1948-August 31, 1949, without salary (11-11-48).

- SLEIGHT, LYNN G., First Assistant, Agricultural Economics (S), eleven months beginning October 1, 1948, \$3600 a year, supersedes (10-20-48).
- STAGNER, ROSS, Professor, Psychology (Liberal Arts and Sciences) ($\frac{1}{4}$), and Institute of Labor and Industrial Relations ($\frac{1}{4}$), February 15-June 30, 1949, \$333.34 a month, Institute of Labor and Industrial Relations, full time, two months beginning July 1, 1949, \$666.67 a month (11-16-48).
- STEVENS, CORINNE A., Assistant, Botany, October 1, 1948-February 15, 1949, \$1200 (11-2-48).
- SUGAR, OSCAR, Instructor, Neurology and Neurological Surgery (Medicine) (8/10), eleven months beginning October 1, 1948, \$4400 a year, supersedes (11-2-48).
- SUSINA, STANLEY V., Assistant, Pharmacy (Pharmacy), nine months beginning September 16, 1948, \$2600 (10-20-48).
- TOLL, KAREL VAN SYCKEL, Clinical Assistant, Neurology (Neurology and Neurological Surgery) (Medicine), eleven months beginning October 1, 1948, without salary (10-30-48).
- TOLOMED, PRUDENCE P., Research Assistant, Allergy (Dermatology) (Medicine), October 4, 1948-August 31, 1949, \$2400 a year (10-30-48).
- TYROLER, ROBERT L., Instructor, Social Sciences (Undergraduate Division in Chicago) (2/7), four months beginning October 1, 1948, \$320 (10-20-48).
- WOODSON, BETTY J., Research Assistant, Medicine (Medicine), October 8, 1948-August 31, 1949, \$2520 a year (10-30-48).
- YOUNG, MRS. ANN M., Instructor, Social Sciences (Undergraduate Division in Chicago) (2/7), academic year beginning September 1, 1948, \$900 (11-2-48).

GRADUATE FELLOWS

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

- DRAGICH, ZORA D., Abbott Research Fellow, Bacteriology (Medicine), ten months beginning September 1, 1948, \$275 a month (11-11-48).
- FOX, BENUM W., Research Fellow, Clinical Science (Medicine), September 30, 1948-August 31, 1949, without stipend (10-30-48).
- HARTIALA, KAARLO J. W., Research Fellow, Clinical Science (Medicine), September 20, 1948-August 31, 1949, without stipend (10-30-48).
- POLLI, JOHN F., Research Fellow, Toxicology (Medicine), one year beginning September 1, 1948, \$1800 (10-30-48).
- UHRHAN, EVELYN E., Fellow, Spanish, nine months beginning September 16, 1948, \$850 (10-27-48).

RESIGNATIONS AND CANCELLATIONS

- BRAND, JANE L., Reference Assistant, rank of Instructor, Library — resignation effective 11-1-48.
- DROBA, HENRY J., Associate Professor, Oral and Maxillofacial Surgery (Dentistry) — resignation effective 9-1-48.
- DUNLAP, R. M., Assistant Professor, Mechanical Engineering (C) — cancellation effective 9-1-48.
- HAVILAND, THOMAS N., Demonstrator and Preparator, Anatomy Museum (Medicine) — resignation effective 10-16-48.
- HOLLINGER, F. W., Lakeland Foundation Research Fellow, Clinical Science (Medicine) — resignation effective 10-1-48.
- HUSSONG, RALPH V., Professor, Dairy Bacteriology and Dairy Bacteriology Research (Dairy Production) (C & S) — resignation effective 9-16-48.
- LEVIN, BENJAMIN M., Clinical Assistant Professor, Pediatrics (Medicine) — resignation effective 10-1-48.
- LOWRY, LUTHER L., Special Research Associate, Physics (C) — resignation effective 12-1-48.
- MEDBERY, C. A., JR., Graham, Crowley & Associates, Inc., Fellow, Chemistry — cancellation effective 9-1-48.
- MOODY, MRS. JEAN B., Medical Illustrator, Department of Veterinary Anatomy, and Veterinary Pathology and Hygiene (Veterinary Medicine) — resignation effective 10-31-48.

- PADNOS, EMANUEL, Clinical Instructor, Pediatrics (Medicine) — resignation effective 10-21-48.
- PITTARD, VERA K., Research Assistant, Medicine (Medicine) — resignation effective 10-23-48.
- POWELL, CHESTER B., Clinical Assistant, Neurology and Neurological Surgery (Medicine) — resignation effective 10-1-48.
- ROUNTREE, H. C., Director, Extramural Classes (Division of University Extension) — resignation effective 11-13-48.
- SCHROEDER, PAUL L., Professor, Criminology and Legal Medicine, Head of the Department, Professor, Psychiatry (Medicine) — resignation effective 11-16-48.
- SOLLENBERGER, T. E., Special Research Associate, Electrical Engineering — cancellation effective 9-1-48.
- STEIN, F. H., Head Resident, Rink Hall — resignation effective 10-31-48.

PURCHASES

Purchases Recommended

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One No. 805-C standard signal generator (General Radio)	Chemistry	General Radio Co., Chicago	\$1 350 00 f.o.b. Cambridge, Mass.
Twenty-four No. 63E Spencer microscopes complete except for cabinets	Botany	A. S. Aloe Co., St. Louis, Mo.	3 630 60 f.o.b. Urbana
Twenty-four No. 31-21-83-08 (CTAV-8) Bausch and Lomb microscopes with built-on graduated stage (six from each company)		Chicago Apparatus Co., Chicago	2 619 00
		Lukas Microscope Service, Skokie	2 619 00
		E. H. Sargent & Co., Chicago	2 619 00
		Schaar & Co., Chicago	2 619 00
		<i>Total</i>	10 476 00
Twenty-four No. 31-26-14 (BK) Bausch and Lomb microscopes, complete without cases		A. S. Aloe Co., St. Louis, Mo.	5 788 80 f.o.b. Urbana
108 cases assorted standard Kimble glassware; 1560 lbs. assorted Kimble glass rod and tubing	General Chemical Stores	Chicago Apparatus Co., Chicago	3 818 74
Thirty No. PS5730 stirrer, precision, complete with chuck and cord, variable speed	Chemistry	Arthur S. LaPine & Co., Chicago (on basis of immediate delivery)	1 138 50
One Presto 8D-G phonograph recorder; 1 Presto 10-A turntable chassis; 1 Presto 39-B preamplifier; 1 Presto 92-A recording amplifier	Speech	Mendel Riley's Music, Champaign	2 982 65
Kitchen cabinets (steel white enamel) and sinks for Home Economics Foods Laboratory	Home Economics	Hayes Custom Kitchen House, Peoria	4 375 66 delivered and installed
Kitchen cabinets (wood) and sinks for Home Economics Foods Laboratory	Home Economics	H. L. Peacock (Mutschler Bros. representative), Illinois	1 503 24 delivered not installed
One PL-E high-speed energy level recorder; 1 Phon potentiometer, 35-105 phons; 10 rolls wax covered recording paper	Speech	Sound Apparatus Co., New York City	1 080 00 f.o.b. Stirling, N.J.
One manometric apparatus, rotary type complete with glassware, American instrument No. 5-127	Bacteriology	American Instrument Co., Silver Spring, Md.	1 272 00 f.o.b. Silver Spring
Fabrication of skimming weirs and tanks for use in research in highway drainage	Civil Engineering	F. R. Inskip Co., Champaign	3 409 00

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
3,000 board feet 1"x6" B & better S4S K/D Fir lumber 8' to 20' long; 3,000 board feet 1"x8" ditto; 10,000 board feet 2"x4" No. 1 & better ditto; 9,000 board feet 2"x6" No. 1 & better ditto; 9,000 board feet 2"x8" No. 1 & better ditto	Physical Plant	Edward Hines Lumber Co., Chicago	3 313 98 f.o.b. Champaign
Miscellaneous items of Cox balanced equipment for pressure study and equipment for torsional vibration study	Mechanical Engineering	Commercial Research Laboratories, Inc., Detroit, Mich.	3 553 50 f.o.b. Detroit
150 reams 22x34 40 lb. 100% rag bond paper; 24 reams 22x34 32 lb. ditto watermarked with U. of I. seal; 200 reams 22x34 40 lb. 25% rag bond paper; 150 reams 22x34 32 lb. ditto, watermarked with University of Illinois	Office Supply Store	J. W. Butler Paper Co., Chicago	5 270 93 f.o.b. Urbana
One 1948 Ford ¾ ton heavy duty express truck, to replace a 1931 Dodge truck which is beyond repair	Physical Plant	Dana Hudelson, Inc., Champaign	1 697 69
General radio electronic equipment	Speech	General Radio Co., Chicago	2 238 50 f.o.b. Cambridge, Mass.
Ten No. 33H Spencer microscopes, complete with cases	Botany	A. S. Aloe Co., St. Louis, Mo.	2 529 00 f.o.b. Urbana
One Diesel electric generator set, 60KW with following equipment: battery, rubber dampener, exhaust silencer, frequency meters, ammeter phase, fuel tank and fittings and 12" flexible exhaust tubing	Physical Plant	Stockberger-Seastrom, Inc., Peoria	8 707 95 delivered
4,000 copies of book "History of Building Developments in Chicago" to be printed and bound	Engineering Experiment Station	Waverly Press, Inc., Baltimore, Md.	7 083 98
R.C.A. type 2 BL electronic heater	Electrical Engineering	Allis-Chalmers Manufacturing Co., Chicago	2 241 35
One set equipment for testing automobile engine electrical systems	Mechanical Engineering	Joseph Weidenhoff, Inc., Chicago	1 208 44 f.o.b. factory
Approximately 20 purebred polled Hereford heifer calves	Agricultural Administration	To be selected by department representative	5 000 00
500 cases No. 207 Ft. Howard bleached hand towels; 200 cases 4 ½ x 4 ½ ten lb. manila toilet tissue 1500 sheets a roll; 20 cases 4 ½ x 4 ½ ten lb. manila toilet tissue 1000 sheets a roll	Physical Plant	Decatur Paper House, Decatur	3 879 00
20,000 gallons 72-74 octane gasoline A.S.T.M.	Physical Plant	Ohio Oil Co., Urbana	3 379 20 delivered
22 Gamewell fire alarm boxes to be added to the central fire alarm system	Physical Plant	Gamewell Co., Chicago	4 920 00 f.o.b. Newton, Mass.

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>
Draperies for the public areas of the new Women's Residence Hall	Physical Plant	W. Lewis & Co., Champaign	\$7 344 77
Two 176" x 6 ½" x 1 ¾" four edge reversible blades for No. 10014 Cincinnati Shear	Physics	Cincinnati Shaper Co., Cincinnati, O.	2 383 00 f.o.b. Cincinnati

**THE COMPTROLLER'S REPORT OF CONTRACTS EXECUTED
SEPTEMBER 11 TO OCTOBER 10, 1948**

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Date</i>
Commercial Solvents Corp.	Study of sulfonamides and other agents in the treatment of diseases of animals	\$5 000 00	June 1, 1948
Commonwealth Edison Co.	Study of transient load voltage fluctuations	6 050 00	July 19, 1948
Timken Roller Bearing Co.	Study of economic effects of the use of friction-type bearings on the railroads of the country	12 000 00	August 17, 1948
State of Illinois, Division of Highways	Study of riveted and bolted structural joints	Actual cost of project not to exceed \$10 000 00	July 1, 1948
<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>	<i>Date</i>
Greeley and Hansen	Study of garbage and refuse collection and disposal in Urbana and Champaign	\$ 700 00	July 8, 1948
City of Chicago	Acceptance of city ordinance to allow University to install steam line from second unit DMP building to Chicago Ilini Union building		July 9, 1948
Illinois Bell Telephone Co.	Installation of switching apparatus and four selectors at 1853 West Polk Street, Chicago	To be determined by Illinois Commerce Commission	June 23, 1948
E. Todd Wheeler	Associate Architect in the office of Vice-President, Chicago, July 1, 1947, to June 30, 1948	5 000 00	June 13, 1947
E. Todd Wheeler	Associate Architect in the office of Vice-President, Chicago, July 1, 1948, to June 30, 1949	5 000 00	July 14, 1948

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

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>	<i>Date</i>
Lewis S. Colbert	Roof repairs on F.W.A. warehouse #2	\$1 506 10	July 24, 1948
	Repairs at 305 N. Prospect, Champaign	500 00	July 27, 1948
	Remodeling Band Building	3 031 57	July 30, 1948
	Alterations to Room 315 Altgeld Hall	1 994 00	August 3, 1948
	Alterations to second floor corridor Gregory Hall	877 50	August 4, 1948
	Remodeling Arcade Building	621 60	August 11, 1948
	Remodeling Room 108-113 Natural History Building	4 354 50	August 16, 1948
	Repairs at 305 N. Prospect, Champaign	250 00	August 25, 1948
	Restoration West Great Hall of Stadium	4 791 00	August 24, 1948
	Repairs at 805 West Pennsylvania, Urbana	96 00	August 25, 1948
	Repairs at Veterinary Pathology Laboratory	182 50	August 25, 1948
	Repairs of T-Apartments Temporary Housing Project	200 00	September 2, 1948
	Repairs at 514 E. John, Champaign	330 00	September 15, 1948
	Repairs to Room 107 Harker Hall	200 00	September 18, 1948
	Repairs at 305 N. Prospect, Champaign	76 52	September 27, 1948
	Improvements to Smith Music Hall	1 225 00	September 30, 1948
	Improvements to Smith Music Hall	3 782 50	September 30, 1948
	Remodeling Room 203 Bevier Hall	1 400 00	September 30, 1948

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>	<i>Date</i>
Reliable Plumbing and Heating Co.	Repairs at 305 N. Prospect, Champaign	452 00	July 28, 1948
	Alterations at 606 S. Mathews, Urbana	1 850 00	August 3, 1948
	Alterations at 1205 West California, Urbana	650 00	August 3, 1948
	Repairs to Room 315 Altgeld Hall	135 00	August 3, 1948
	Repairs at 402 S. Mathews, Urbana	300 00	August 3, 1948
	Remodeling of Room 108-113 Natural History Building	1 122 00	August 3, 1948
	Remodeling Fire Station	860 00	August 19, 1948
	Restoration West Great Hall of Stadium	1 600 00	August 25, 1948
	Repairs at 305 N. Prospect, Champaign	56 75	August 30, 1948
	Remodeling at 704 S. Sixth, Champaign, second floor	750 00	September 1, 1948
	Repairs to Room 107 Harker Hall	115 00	September 18, 1948
Schroeder's	Repairs at 305 N. Prospect, Champaign	50 00	July 27, 1948
	Alterations to Room 400 Gregory Hall	2 875 00	August 7, 1948
	Repairs at 1007 S. Wright (rear), Champaign	95 00	August 6, 1948
	Improvements to President's House	341 80	August 12, 1948
	Restoration West Great Hall of Stadium	676 00	August 25, 1948
	Repairs at 1007 S. Wright (rear), Champaign	21 00 ¹	August 27, 1948
	Remodeling at 704 S. Sixth, Champaign, second floor	1 355 00	September 1, 1948
	Remodeling Room 247-W Armory	2 395 00	September 3, 1948
	Repairs at 305 N. Prospect, Champaign	20 70 ¹	September 8, 1948
	Alterations to Room 107 Harker Hall	1 125 00	September 18, 1948
	Remodeling Room 203 Bevier Hall	1 950 00	September 30, 1948
Square Deal Electric Co.	Repairs at 402 S. Mathews, Urbana	500 00	July 26, 1948
	Remodeling at 606 S. Mathews, Urbana	1 395 00	July 26, 1948
	Alterations at 1205 West California, Urbana	825 00	July 26, 1948
	Repairs to Room 315 Altgeld Hall	350 00	August 5, 1948
	Remodeling Room 108-113 Natural History Building	2 180 00	August 5, 1948
	Remodeling Fire Station	580 00	August 19, 1948
	Alterations to Room 400 Gregory Hall	875 00	August 7, 1948
	Restoration West Great Hall of Stadium	1 000 00	August 25, 1948
	Repairs to Band Building	270 00	September 1, 1948
	Remodeling at 704 S. Sixth, Champaign, second floor	3 050 00	September 1, 1948
	Repairs to Room 107 Harker Hall	160 00	September 18, 1948
	Repairs to Room 203 Bevier Hall	500 00	September 30, 1948
	Improvements to Smith Music Hall	4 700 00	September 30, 1948

¹ Deduct.

LEASES EXECUTED UNDER GENERAL REGULATIONS OF THE BOARD OF TRUSTEES

<i>With Whom</i>	<i>Property</i>	<i>Amount to be Paid to the University</i>	<i>Date¹</i>
W. B. Spalding	302 W. Vermont, Urbana	\$90 a month	June 15, 1948
Norval D. Hodges	1003 W. Nevada, Urbana, first floor apartment and garage	60 a month	July 15, 1948
Robert King	1203 W. California, Urbana	50 a month	July 17, 1948
Nelson Wax	1201 W. California, Urbana	60 a month	August 4, 1948
John M. Kuypers	1001 W. Nevada, Urbana	90 a month	August 5, 1948
B. L. Wade	407 W. Washington, Urbana	80 a month	August 19, 1948
S. S. Cairns	305 N. Prospect, Champaign	100 a month	August 19, 1948
A. D. Etler	207 W. Washington, Urbana	75 a month	August 19, 1948
R. J. Helfinstine	55 E. Armory, Champaign	55 a month	August 27, 1948
Harry Czyzewski	1116 W. Illinois, Urbana, second floor apartment	70 a month	September 8, 1948
T. C. Bannister	710 W. Indiana, Urbana	85 a month	September 14, 1948
Central National Bank and Trust Company of Peoria	Room 718-722 on the seventh floor of Central National Bank Building, Peoria	August 1, 1948, to June 30, 1949 \$225 a month	June 10, 1948

¹ Leases terminate August 31, 1949.