

MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

January 8, 1948



The January meeting of the Board of Trustees of the University of Illinois was held at the Blackstone Hotel, in Chicago, on Thursday, January 8, 1948, according to the following schedule:

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

2:30 p.m. — Open session.

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

President Stoddard was present; also Professor C. R. Griffith, Provost, Mr. A. J. Janata and Dr. Wilbur Schramm, Assistants to the President, Mr. H. E. Cunningham, Secretary, Mr. I. L. Porter, Treasurer, Professor Lloyd Morey, Comptroller, Professor W. E. Britton, Legal Counsel, and, during part of the day, Dean L. N. Ridenour, Professor N. M. Newmark, and Mr. J. F. Wright, Director of Public Information.

MINUTES APPROVED

The Secretary presented the minutes of the meetings of October 30 and November 29, 1947.

On motion of Mr. Davis, the minutes were approved as printed on pages 881 to 946 above.

ACTIONS OF THE EXECUTIVE COMMITTEE

The Secretary reported for record that the Executive Committee, on December 16 and December 29, 1947, had taken action on recommendations of the President of the University as follows.

DECEMBER 16, 1947

**RESOLUTION TO ACCEPT OFFER OF CITY OF CHICAGO
OF PERMISSION TO INSTALL AND MAINTAIN
DUCT RUNS AND MANHOLES**

(1) On October 29, 1947, the City of Chicago passed a City Ordinance granting to the University of Illinois permission to install concrete duct runs under and across certain city streets. The Director of the Physical Plant Department asks adoption of resolution by the Board of Trustees accepting this offer.

This is necessary to enable the University to carry out its extensions of service lines at the Chicago Professional campus.

The attached resolution has been drawn by the Legal Counsel and its adoption is recommended by the Comptroller.

I concur in the recommendation.

On motion of Dr. Meyer, the following resolution was unanimously adopted as recommended.

RESOLUTION

Be it resolved by the Board of Trustees of the University of Illinois that:

The Ordinance of the City of Chicago, passed by the City Council at its regular meeting on October 29, 1947, which grants permission to the University of Illinois to install and maintain concrete duct runs and manholes under and across certain streets in the City of Chicago, a copy of which Ordinance is hereto attached, be and the same is hereby accepted according to the terms of the Ordinance.

**UNIVERSITY OF ILLINOIS GRANTED PERMISSION TO INSTALL AND
MAINTAIN CONCRETE DUCT RUNS AND MANHOLES**

Alderman Sain moved to concur in the recommendation of the Committee on Local Industries, Streets and Alleys that the City Council pass the proposed ordinance submitted with the committee's report for a grant to the University of Illinois.

The motion prevailed and said proposed ordinance was passed, by yeas and nays as follows:

Yeas — Aldermen Budinger, Harvey, Carey, Cohen, Merriam, Hogan, Bohling, Olin, DuBois, Pacini, Wall, Kucharski, Egan, Wagner, Sheridan, Murphy, O'Hallaren, Duffy, Pistilli, Ropa, Janousek, Tourek, London, Bowler, Biezzat, Sain, Kells, Gillespie, Hughes, Keane, Rostenkowski, Brandt, Geisler, Orlikoski, Ringa, Lancaster, Cullerton, Brody, Becker, Immel, Crowe, Bauler, Burmeister, Merryman, Young, Hoellen, Freeman, Keenan, Weber — 49.

Nays — None.

The following is said ordinance as passed:

Be It Ordained by the City Council of the City of Chicago:

SECTION 1. Permission and authority hereby are given and granted to The University of Illinois, a corporation, its successors and assigns, upon the terms and subject to the conditions of this ordinance, to excavate for, install and maintain concrete duct runs, seventy inches by twenty-four inches in size, under and across W. Taylor Street, east of S. Hermitage Avenue; a concrete duct run twenty-four inches by seventy inches in size west under and along the north side of W. Taylor Street, crossing S. Hermitage Avenue and S. Wood Street and under and along the north side of W. Taylor Street to the west line of S. Wood Street, thence north into private property, together with the necessary manholes.

Also a concrete duct run twenty-four inches by seventy inches in size under and along the west side of S. Wood Street connecting with the concrete duct run in W. Taylor Street and running north to W. Polk Street, together with the necessary manholes.

Also a concrete duct run twenty-four inches by seventy inches in size under and along the east side of S. Wolcott Avenue from a point north of the north line of W. Taylor Street to a point seventy-five (75) feet south of the south line of W. Polk Street, together with the necessary manholes, all of such privileges for a period of ten (10) years from and after the date of the passage of this ordinance.

The location of said concrete duct runs and manholes shall be as shown on print hereto attached which, by reference, is made a part of this ordinance. Said concrete duct runs shall be installed under the supervision and to the satisfaction of the Commissioner of Public Works and shall be maintained in accordance with the ordinances of the City of Chicago and the directions of the Commissioner of Public Works. The grantee shall keep that portion of the public way over said concrete duct runs and the openings to said concrete duct runs in good condition and repair, safe for public travel to the satisfaction of the Commissioner of Public Works.

SECTION 2. This ordinance is subject to amendment, modification or repeal and the permission and authority herein granted may be revoked by the Mayor in his discretion at any time without the consent of said grantee. Upon termination of the privileges herein granted, the grantee, without cost or expense to the City of Chicago, shall remove the structures and appliances herein authorized and restore the public way where disturbed by said structures or appliances, or by the removal thereof, to a proper condition under the supervision and to the satisfaction of the Commissioner of Public Works; and in the event of the failure, neglect or refusal of said grantee so to do, the City of Chicago may do said work and charge the cost thereof to said grantee.

SECTION 3. The grantee will hold and save the City of Chicago harmless from any and all liability for cost of removal, relocation, alteration, repair or maintenance of the structures or appliances herein authorized and from any and all damages thereto on account of the location, construction, reconstruction, alteration repair or maintenance of any public ways, bridges, subways, tunnels, vaults, sewers, water mains, conduits, pipes, poles and other utilities.

SECTION 4. This ordinance shall take effect and be in force from and after its passage; provided said grantee file a written acceptance of this ordinance with the City Clerk within sixty (60) days after the passage of this ordinance.

RETIREMENT OF KATHARINE PATTERSON, HOME ADVISER IN GRUNDY COUNTY

(2) Miss Katharine Patterson, Home Adviser in Grundy County, has requested that she be retired from active service beginning December 1, 1947, under the provision in the law creating the University Retirement System of Illinois which permits retirement "on or after the attainment of age sixty-five (65) in exceptional cases and for substantial cause at the request of the Employee and upon certification of the Employer."

Miss Patterson became 65 on July 9, 1947, and has requested retirement because she is not physically able to carry the strenuous load required of a Home Adviser. In fact, she wanted to retire beginning September 1, 1947, but continued in service because of the difficulty of securing a replacement. She has been in the service of the University as a member of the extension staff in the Department of Home Economics and as a Home Adviser since September 1, 1929.

On motion of Mr. Davis, this retirement was approved.

PURCHASES RECOMMENDED BY THE PRESIDENT

(3) The following purchases, amounting to \$1,000 or more, are proposed by the Director of Purchases and the Comptroller, and are recommended by the President to the Executive Committee for approval. 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>
Approximately 60,000 gallons of 80-octane and 20,000 gallons of 91-octane aviation gasoline for period Jan. 1-June 30, 1948	Institute of Aeronautics	The Texas Company, Champaign	\$1,8425 for 80-octane and \$1,19175 for 91-octane, or a total of approximately \$16 807 50

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
775 pressboard pamphlet binders of various sizes	Library	Wascher's Bindery, Mahomet	1 399 02
One Hammer Mill complete with motor and accessories	Animal Science	A. E. Jacobson Machine Works, Inc., Minneapolis, Minn.	2 600 00 f.o.b. Minneapolis
Approximately 2,000 tons of limestone for the Allerton Farms	Agricultural Economics	Piatt County Producers Supplies, Monticello	6 920 00 (approximately)

On motion of Dr. Meyer, these purchases were authorized as recommended.

DECEMBER 29, 1947

GIFT FROM MR. AND MRS. MERLE J. TREES

(1) Under the conditions outlined in their letter of November 29, 1937, offering to establish the "Emily Nichols Trees (Class of 1905) and Merle Jay Trees (Class of 1907) Collection" of paintings at the University of Illinois, and pursuant to the resolution of acceptance adopted by the Executive Committee of the Board of Trustees on December 18, 1937 (Minutes, page 587), Mr. and Mrs. Trees offer as their gift for 1947 the following paintings to be added to their collection:

Teniers, Landscape, "Steen Castle".....	\$10 300 00
Delacroix, "L'Amende Honorable".....	8 000 00
<i>Total Value</i>	<u>\$18 300 00</u>

Certificates of appraisal from the Art Institute of Chicago showing the value of these paintings will be deposited with the Secretary of the Board of Trustees for record.

I recommend acceptance of these paintings.

On motion of Mr. Davis, this gift was accepted, and the President of the University was requested to convey to Mr. and Mrs. Trees an expression of the appreciation of the University for their continued generosity.

AWARD OF CONTRACT FOR PIPING WORK AT ABBOTT POWER PLANT

(2) Bids were requested on piping work in the Abbott Power Plant addition from a number of contractors and by advertisement. Two bids were received: William A. Pope Company, \$131,770.00, and Phillips-Getschow Company, \$138,945.00. The bid of William A. Pope is subject to a maximum escalation of 18 per cent, and that of Phillips-Getschow Company to a maximum escalation of 15 per cent.

Sargent and Lundy recommend, and the Director of the Physical Plant and the Comptroller concur, that the contract be awarded to the lowest bidder, the William A. Pope Company, at \$131,770.00, subject to a maximum escalation of 18 per cent or a total maximum of \$155,488.60. Funds are available.

I concur and request authorization of the Comptroller and the Secretary of the Board to execute this contract.

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

AWARD OF CONTRACT FOR INDOOR UNIT SUBSTATION FOR UTILITIES DISTRIBUTION SYSTEM IN CHICAGO

(3) Bids were requested on an indoor unit substation in the switchroom of the Utilities Distribution System in Chicago from a number of contractors and by advertisements. Three bids were received:

	<i>General Electric Company</i>	<i>I.T.E. Circuit Breaker Company</i>	<i>Westinghouse Electric Corporation</i>
Bid price.....	\$30,754.00	\$29,953.00	\$33,394.00
Delivery time.....	18 months	60 weeks	22 months

Sargent and Lundy, engineers for this project, recommend, and the Director of the Physical Plant and the Comptroller concur, that the purchase be made from

the lowest bidder, the I.T.E. Circuit Breaker Company at \$29,953 less an offered reduction of \$282 for a change in location of the main fuses, or a net price of \$29,671.

Funds are available in the appropriation for the construction of the Utilities Distribution System, Chicago.

I concur and request authorization of the Comptroller and the Secretary of the Board to execute the contract.

On motion of Mr. Davis, this contract was awarded and authorization given as recommended.

PURCHASES RECOMMENDED BY THE PRESIDENT

(4) The following purchases, amounting to \$1,000 or more, are proposed by the Director of Purchases and the Comptroller, and are recommended by the President to the Executive Committee for approval. 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>
6 Ediphone electronic model voice-writers; 4 Ediphone miracle model transcribers; 1 Ediphone precision master shaver	Bureau of Research and Service	Edwin C. Barnes, Peoria	\$3 200 76
4,500 diplomas with names, degrees, and dates printed on Crane's parchment deed	Office of Admissions and Records	W. M. Welch Diploma House, Chicago	2 430 00
2,000 leather diploma holders	Office of Admissions and Records	W. M. Welch Diploma House, Chicago	3 300 00
12 Webster Teletalk Units, 1 No. 524 TS, 2 No. 512 TS, 9 No. 206 S	Physical Plant	Ross Radio Co., Peoria	1 014 48
5,000 lbs. 25x28 1/2 70-lb. Sub. No. 1 Enamel white paper; 10,000 lbs. 25x38 70-lb. Enamel No. 1 grade white paper; 20,000 lbs. 25x38 60-lb. Enamel No. 1 grade white paper; 10,000 lbs. 25x38 60-lb. Argyle English finish book paper, white; 5,000 lbs. 27 1/2x41 1/2 70-lb. Sub. Argyle English finish book paper, white	Office Supply Store	Dwight Brothers Paper Co., Chicago	7 500 00 (approximately)
One single-phase reactor	Physics	Metropolitan Device Corp., Brooklyn, N.Y.	1 533 00
4 13H microscopes, Spencer	Chemistry	Chicago Apparatus Co.	1 317 60

On motion of Dr. Meyer, these purchases were authorized as recommended.

H. E. CUNNINGHAM
Clerk

PARK LIVINGSTON, *Chairman*
CHESTER R. DAVIS
KARL A. MEYER

MATTERS PRESENTED BY PRESIDENT STODDARD

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

TERMS OF EMPLOYMENT OF ACADEMIC, ADMINISTRATIVE, RESEARCH, AND EXTENSION STAFF

(1) Under present University statutory provisions, salaries of the instructional staff are payable in ten or twelve equal installments for an academic year's service. The professional or instructional year for which members of the teaching staff are employed extends through two regular semesters beginning in September and ending in June. Supplementary salaries are paid for teaching services during the summer session on the basis of 16 per cent of the annual salary, with a present maximum of \$1200 for full-time service for an eight-week session.

During the World War II period the University operated on as many as three different, overlapping academic calendars, viz.: (1) the regular civilian program; (2) the Navy College Training Program; and (3) the Army Specialized

Training Program. Some members of the instructional staff were required to teach continuously, and at times carried more than normal teaching loads in order to service these programs. Administrative adjustments were made in the terms of employment, and the Board of Trustees has authorized at least three changes in the Statutes:

(a) Services to be performed by the teaching staff shall extend through two semesters of the regular academic year beginning in September and ending in June.

(b) The maximum summer session salary be increased from \$900 to \$1200 for eight weeks of service, with supplementary adjustments for 12 and 16 weeks of service.

(c) The deadline on the acceptance of appointments to the staff has been reduced from 30 days to 10 days.

Various practices developed during the war period, and certain new factors have created inconsistencies in terms of employment. The University has many contracts with industrial and government agencies for research projects which run continuously through the year. Competition for summer employment has increased, making it difficult to retain staff members for teaching during the summer session. To clarify the situation, the Provost has conferred with the deans, directors, department heads, and other University officials who are chiefly concerned. As a result of these discussions and study, he recommends adoption of the following principles governing employment of the academic, administrative, research, and extension staff effective at the beginning of the 1948 Summer Session:

1. The academic year shall consist of two regular semesters (in the Chicago Professional Colleges the academic year shall consist of three terms) beginning in September or October and ending in June, the exact dates to be determined in the University Calendar.

2. Unless otherwise specified, services of the instructional staff shall be required during the two semesters (in the case of the Chicago Professional Colleges, three terms) of the academic year, and they shall be free for other employment, either in the University or elsewhere, during the summer months.

3. An appointment for one semester shall call for four and one-half months of service and the rate of compensation shall be one-half of the rate for the full academic year. Temporary and intermittent employment, full time or part time, shall ordinarily be on a pro rata basis as to term of service and salary, but heads of departments may, with the approval of the Dean and the President, establish special rates for part-time assistants.

4. Members of the instructional staff for the academic year who are employed for teaching in the Summer Session or for research in the three summer months shall receive a monthly compensation at the rate of one-ninth of the salary rate paid them for instructional service during the preceding academic year.

5. Members of the instructional staff for the academic year who are employed on research at full time for the three summer months will be given the equivalent of a month's vacation with pay, to be accumulated in periods when classes are not in session, including the Thanksgiving, Christmas, and Easter recesses.

6. The terms of employment shall be stated explicitly by the nominating officer for all members of the academic staff, indicating that services are required for (a) the academic year; (b) twelve months except for allowable vacation; (c) the Summer Session.

7. Staff members of the rank of instructor and above shall receive their salaries in twelve monthly installments for each academic year of service, or on a pro rata basis for shorter periods. Unless otherwise specified, teaching assistants shall be paid their salaries for each academic year of service in ten installments, of which the first and last shall be one-half installments, and the other eight shall be full installments each equal to one-ninth of the salary for the academic year.

8. Appointments to administrative, research, and extension positions generally, and to teaching and other positions requiring service throughout the year except for allowable vacations, shall be on a yearly basis ("Y" appointments; see 9 and 10 below).

9. Services of staff on "Y" appointment will be required for twelve months, with stated vacations with pay, and salaries shall be paid in twelve monthly installments.

10. Staff members on yearly service ("Y" appointment) will not receive additional compensation for the Summer Session. For staff members, partly on "Y" and partly on "non-Y" appointment, this regulation applies to the "Y" portion. Vacations taken during holiday recesses, other than the actual holidays recognized by the University, shall be considered a part of the annual vacation allowance of one month.

11. Positions in the University are classified in the following categories and are designated in the budget by the symbols indicated:

- A — Indefinite tenure
- B — Two years from September
- D — One year from September
- E — Nine months from the beginning of the academic year
- G — Special tenure
- Y — Twelve months

I concur in these recommendations.

When the Statutes are revised, these changes should be incorporated.

On motion of Mr. McLaughlin, these changes were approved and the Statutes were amended accordingly.

LEAVE OF ABSENCE FOR PROFESSOR GEORGE H. ROCKWOOD

(2) Dean M. L. Enger of the College of Engineering recommends that Professor George H. Rockwood of the Department of Electrical Engineering, who is seriously ill, be given sick leave with full pay for the first semester, 1947-1948 (September 1, 1947, to March 1, 1948).

Professor Rockwood has been in the service of the University since February 1, 1947. Under the rules of the Board he is eligible for 25 days' sick leave with pay from the date his services were required. Since the present semester's instruction began October 9, 1947, this would give him leave on full pay to November 3. He has not accumulated extended disability leave with full pay allowance beyond the 25 days.

Professor Rockwood left an attractive position in the Bell Telephone Laboratories, New York, where he was in charge of a group doing research work on important developments in electrical engineering, to accept a professorship at the University of Illinois. He thereby gave up pension and disability benefits accumulated since he joined the Bell Telephone Laboratories in 1929. He is not eligible for disability benefits from the University Retirement System of Illinois.

In view of these circumstances, I recommend that the Board of Trustees consider this as a special case and that the leave on full pay be granted from September 1, 1947, through February 29, 1948, or one-half of the current academic year. The Department of Electrical Engineering is carrying Professor Rockwood's teaching load without additional expense to the University.

On motion of Dr. Meyer, this leave was granted as recommended.

DEVELOPMENT OF GOLF COURSE ON KIMMEL FARM

(3) On July 30, 1943 (Minutes, page 450), the Board approved the purchase from Mrs. Alice N. Kimmel of her farm of 171.82 acres in Tolono Township adjoining the village of Savoy as a site for the University of Illinois Airport. This farm was in the area originally selected by the Civil Aeronautics Administration as a site for the Airport. Subsequently, and to meet Army Air Forces requirements, the C.A.A. selected a site one-half mile south and one-half mile west of the area originally selected. In the meantime, a contract had been made with Mrs. Kimmel for the purchase of her farm and the purchase was consummated. An assignment of \$55,000 (Minutes, pages 489 and 739) for the purchase was made from the General Reserve Fund, and no part of the State appropriation of \$250,000 for the purchase of Airport land was used for this purpose. The farm is leased to a tenant who operates it under the general supervision of the College of Agriculture.

In the judgment of Director Leslie A. Bryan of the Institute of Aeronautics, the farm will not be needed for expansion of the Airport. If expansion is necessary, it would have to be to the south and west. The farm is not needed for Agricultural Experiment Station purposes.

The Board of Directors of the Athletic Association has proposed the development of an eighteen-hole golf course on this farm. The Association will

provide the funds required for the construction, estimated to cost not more than \$200,000. The Association's financial condition will permit such expenditures, and this would be in keeping with the policy of using surplus funds to provide recreational facilities for the students and faculty.

The Directors of the Athletic Association further propose that the present nine-hole golf course at Florida Avenue and Fourth Street be converted into a baseball park and playing fields. One-half of the area would be needed for baseball and the other half would be available for general recreational purposes. This would concentrate all of the recreational facilities for men in the vicinity of the George Huff Gymnasium and the Stadium.

The Athletic Association would release Illinois Field for general University purposes.

This proposal has been considered by the University faculty Building Program Committee, and it is in favor of doing this. I recommend that the Board of Trustees approve it.

I further recommend that consideration be given to the acquisition of additional land surrounding the Kimmel farm for possible development as a residential housing area of the suburban type. This might be undertaken jointly by the Board of Trustees and the Athletic Association. To implement this idea, if the Board agrees it is worth developing, I recommend that it be referred to the Committee on Buildings and Grounds for consideration and report to the Board.

On motion of Mr. Davis, the proposals involving the construction of a golf course on the Kimmel farm, the future use of the site of the present golf course, and the release of Illinois Field were approved.

On motion of Mr. Williamson, the matter of the acquisition of additional land was referred to the Committee on Buildings and Grounds for study and report to the Board.

PURCHASE OF ELECTRONIC DIGITAL COMPUTER (EDVAC)

(4) I recommend that the Board of Trustees authorize the purchase of an electronic digital computer (EDVAC) at an estimated maximum cost of \$150,000 from the Reeves Instrument Company, New York.

These machines are now being constructed by the Reeves Instrument Company on a limited basis, with orders thus far from the Ordnance Department and the Signal Corps of the United States Army, the University of Pennsylvania, and the Bureau of Standards. Prompt action by the University of Illinois in acquiring such equipment will give the University leadership in the whole Middle West in various areas of scientific development. In performance this machine is the equivalent of 1,000 electrically operated calculating machines. It performs difficult mathematical problems in periods of time ranging from a few seconds to a few hours. It will perform some problems in mathematics, electrical engineering, genetics, meteorology, and psychology that have been the despair of scientists until now.

In further explanation of what this machine will do and how it will be used in research programs, I have asked Dean Ridenour of the Graduate College and Chairman of the University Research Board and Professor Nathan M. Newmark of the Department of Civil Engineering to appear before the Board today and explain the case.

It is proposed to pay half the cost of the machine from research funds already budgeted for the Graduate College and the rest by special appropriation. I therefore recommend an appropriation of \$75,000, or so much thereof as may be necessary, from the General Reserve Fund for this purpose.

Dean Ridenour and Professor Newmark discussed this matter.

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

REVISION OF REGULATIONS RELATING TO PATENTABLE DISCOVERIES

(5) The Board of Trustees on October 18, 1945 (Minutes, page 866), established the following procedure for dealing with potentially patentable discoveries made by members of the staff, as they are reported:

(a) The Faculty Committee on Patents may consult with the University's patent attorneys immediately, without prior authorization by the Board of Trustees.

(b) If, in the judgment of counsel, the discovery should be patented, an application for patent shall be filed immediately and reported to the Board at the next opportunity.

(c) If in the judgment of the Faculty Committee, the University would not be justified in expending funds for a patent application, a recommendation shall be made to the Board for the release of the discovery to the discoverer.

I recommend that sections (a), (b), and (c) above be rescinded and replaced by the following:

(a) The University Research Board will review all potentially patentable discoveries and advise the President.

(b) No application for a patent shall be filed, nor shall a discovery be released to the discoverer, with right to file his own application, without prior authorization by the Board of Trustees or its Executive Committee. All patent applications so authorized will be initiated by the President's Office, through the Legal Counsel, acting on behalf of the Board.

On motion of Mr. Davis, the procedure with respect to patents was amended as recommended.

On motion of Mr. Fornof, a letter from Dean Ridenour proposing a plan for the distribution of royalties was referred to the Committee on Patents for consideration and report.

NEW STORAGE SYSTEM FOR HIGH-SPEED COMPUTERS

(6) Professor Arthur L. Samuel of the Department of Electrical Engineering has developed ideas for a new system which will permit the electrostatic storage of a large amount of information for use in connection with high-speed digital computers. The electrostatic storage field is developing so rapidly that in the judgment of the University Research Board steps should be taken promptly by the University to secure patents on Professor Samuel's work. I recommend that the Board authorize the filing of a patent application or applications if multiple applications are necessary.

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

PURCHASE OF EQUIPMENT FOR BETATRON

(7) The Board of Trustees requested at its meeting on November 29, 1947, that further negotiations be conducted with the Allis-Chalmers Manufacturing Company, Milwaukee, Wisconsin, for the following equipment for the Betatron: (1) backwound "A" coil, (2) core blocking, and (3) transformer bank.

These negotiations have been completed, and the Allis-Chalmers Manufacturing Company has agreed to furnish the equipment under the following conditions:

1. The contract price shall be \$35,000, with the provision that if actual costs (as determined by their usual accounting methods) are less than this amount the cost to the University will be reduced.

2. Monthly statements of cost incurred will be submitted by the Company and the University will pay such costs.

3. The University will have the right, for its convenience, to terminate the contract at any date. Upon such termination, the University will pay all costs plus 10% of such costs for profit to the Company and will acquire title to the equipment.

Professor Kerst, who is in charge of construction and of the research program for which the Betatron is being built, Professor F. W. Loomis, the Director of Purchases, and the Comptroller recommend that a contract as described be executed with the Allis-Chalmers Manufacturing Company. Funds are available in the special State appropriation for Betatron development and equipment.

I concur and request authority for the Comptroller and the Secretary of the Board to execute the contract.

On motion of Mr. McKelvey, the execution of this contract was authorized as recommended.

**POLICY AND RULES RELATING TO COMPENSATION AND WORKING
CONDITIONS OF NONACADEMIC EMPLOYEES**

Mr. McLaughlin presented a recommendation of the Committee on Civil Service and Employees on the definition of work week.

The Board of Trustees on May 24, 1943 (Minutes, page 366), voted to amend the wages policy to provide that "... in those University operations in which continuous seven-day work is essential because of the character of the services furnished, the work week will be set so that Sunday becomes a part of the regular work week; however, the work of the Groundsmen and the Janitors is not considered as work in which seven-day work is essential and in these groups the work week will start on Monday, and time and one-half will be paid for overtime and Sundays, and double time for holidays."

This is inconsistent with Section IV, Paragraph 3, of the "Policy and Rules Relating to Compensation and Working Conditions of Nonacademic Employees," adopted by the Board in 1945, which provides that "in those positions in which continuous seven-day service is required Saturdays and Sundays (Section V) shall not be recognized as such but as though they were regular work days."

The Director of Nonacademic Personnel has recommended, the President of the University concurring, that the action of May 24, 1943, be rescinded.

The Committee recommends that the Board rescind its action of May 24, 1943.

On motion of Mr. McLaughlin, the action of May 24, 1943, quoted above, was rescinded as recommended.

EXPENSE OF OPERATING PRESIDENT'S HOUSE

At this point, Dr. Meyer requested that the Board consider an adjustment of the expense of operating the President's House.

President Livingston appointed the following special committee to consider this matter and report to the Board: Dr. Meyer, Mr. Davis, Mr. Fornof, and Mr. Williamson.

**LUNCHEON IN HONOR OF MEMBERS OF THE GENERAL ASSEMBLY
FROM THE TWENTY-FOURTH DISTRICT**

At this point, the Board recessed. Senator Everett R. Peters, and Representatives Charles W. Clabaugh, Ora D. Dillavou, and Charles R. Simpson, of the Twenty-fourth District, were the guests of the Board at a testimonial luncheon given in recognition of their loyal and effective support of the University in the General Assembly.

OPEN SESSION

The Board considered in open session the following reports of committees.

**REPORT OF THE COMMITTEE ON GENERAL POLICY ON
VOLUNTARY PAYMENT OF TAXES**

Mr. Davis presented the following report.

The Board of Trustees has directed its Committee on General Policy to consider the question whether the University of Illinois should or should not voluntarily pay taxes on certain properties belonging to the University which are not used for educational purposes.

In its study of this question, the Committee has also given careful consideration to requests from local governments that the University contribute to the costs of operating municipal services and of public improvements because of the increased demands upon these services.

The Committee is sympathetic with the needs of local governments for increased operating revenues and recognizes the effect of the tax exemption status of the University on their budgets. However, the ultimate decision which the Board of Trustees must make will involve the question of the University's legal right, regardless of what the Board may wish to do as a matter of public policy.

In view of previous court decisions in cases which have a direct bearing on this question, the Committee has grave doubts about the *legal* right of the University to pay from State appropriations, or other public funds, taxes assessed by local governments, or to make contributions from public funds to local governments for the operation of municipal services.

In a matter of such far reaching importance as that of the tax status of the University, this Committee recommends that the opinion and assistance of qualified counsel, independent of the University, be obtained on the various questions involved.

To this end the Committee recommends the employment of the firm of Chapman and Cutler to render such an opinion, to advise with respect to the trial of any lawsuits which involve any of such questions, and if found necessary, to participate therein until final decisions have been obtained.

JOHN R. FORNOF
KENNEY E. WILLIAMSON
FRANK H. MCKELVEY
CHESTER R. DAVIS, *Chairman*
Committee on General Policy

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

APPOINTMENT OF UNIVERSITY AUDITORS

Mr. Williamson presented the following report.

The Finance Committee recommends that the firm of George Rossetter and Co., Certified Public Accountants of Chicago, be engaged as auditors for the year ended June 30, 1948, in place of Arthur Young and Co., who handled the audit for the past five years, such services to be charged on the basis of per diem rates and expenses with the understanding that the aggregate charge will not exceed the following sums:

University of Illinois (including all divisions).....	\$8 000
University of Illinois Foundation.....	500
University of Illinois Athletic Association.....	700

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

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

MATTERS PRESENTED BY PRESIDENT STODDARD

The Board considered the following matters presented by 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 who have made applications therefor under the Accountancy Act of 1943 and who have submitted evidence that they are holders of C.P.A. certificates issued by other states on the basis of successfully passing the regular written examinations:

PHILIP BARDES (N.Y.)
 JACQUES BRAUNSTEIN (N.Y.)
 HARRY NORMAN CASE (N.Y.)
 WILLIAM THOMPSON DAVIS (Mo.)
 LAWRENCE EDWARD MOCK (Ga.)
 ALFRED RANDOLPH NELSON (Minn.)

EDWIN PRESTON NOELL (N.Y.)
 ROY H. PTACEK (Wash.)
 JOSEPH FRANK SEIANAS (Wis.)
 WILLIAM JOHN SOMMER (Ohio)
 EDMUND ARTHUR STAUB (N.Y.)
 JAMES HARRY WILLIAMS (Tex.)

I concur.

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

CANCELLATION OF SABBATICAL LEAVES OF ABSENCE FOR PROFESSORS F. W. TANNER AND OSWALD TIPPO

(2) Professor F. W. Tanner, Head of the Department of Bacteriology, and Associate Professor Oswald Tippo of the Department of Botany were given sabbatical leaves of absence for the second semester of 1947-1948.

Because the Department of Bacteriology has been unable to fill the position of Associate Professor on its staff, Professor Tanner has asked that his leave be postponed until 1948-1949.

Professor Tippo is serving as Acting Head of the Department of Botany and because of this service he has been asked to defer his leave.

I recommend that the leaves granted be cancelled without prejudice as to future leaves.

On motion of Mr. McLaughlin, these leaves were cancelled as recommended.

APPOINTMENTS TO THE CITIZENS COMMITTEE AND TO ADVISORY COMMITTEE OF THE COLLEGE OF VETERINARY MEDICINE

(3) I recommend the appointment of the following as members of the Citizens Committee of the University of Illinois and their assignment to the Advisory Committee of the College of Veterinary Medicine for the year 1947-1948:

C. R. COLLINS, Dixon

OSCAR LINN, Canton

C. E. DILLE, Cairo

R. V. MCKEE, Varna

WAYNE DINSMORE, Chicago

GEORGE B. MCKILLIP, Chicago

C. E. FIDLER, Lewistown

P. J. MEGINNIS, Cicero

C. C. HASTINGS, Williamsville

D. E. SISK, Mansfield

G. W. JENSEN, Antioch

H. P. WESSELS, Geneva

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

SERVICES OF PROFESSOR H. K. ALLEN AS RESEARCH DIRECTOR FOR THE STATE REVENUE LAWS COMMISSION

(4) The State Revenue Laws Commission, by its Chairman, Senator Merritt J. Little, has requested the services as Research Director for the Commission of Professor H. K. Allen of the Department of Economics and Director of the Bureau of Economic and Business Research. The plan proposed would require Professor Allen's services on a part-time basis from February 1 to September 1, 1948, and full time from September 1, 1948, to February 1, 1949. He would continue his services as Professor of Economics throughout the academic year 1947-1948.

I recommend approval of Professor Allen's services as Research Director for the State Revenue Laws Commission and that the President of the University be authorized to make such changes in Professor Allen's University status as are necessary to accomplish this.

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

SERVICES OF DEAN H. P. RUSK TO COMMISSION ON ORGANIZATION OF THE EXECUTIVE BRANCH OF THE GOVERNMENT

(5) Dean H. P. Rusk of the College of Agriculture has been requested by Mr. Herbert Hoover, Chairman of the Commission on Organization of the Executive Branch of the Government recently created by an Act of Congress, to serve on

the Commission's Agriculture Committee. The farmers of Illinois, the College of Agriculture, the Agricultural Experiment Station, and the Extension Service in Agriculture and Home Economics staffs are vitally interested in the over-all policies to which the Dean's services would contribute.

After consultation with the President of the University, Dean Rusk was authorized to accept the appointment.

This report was received for record.

DISCONTINUANCE OF INTERNSHIP REQUIREMENT FOR THE DOCTOR OF MEDICINE DEGREE

(6) From 1921 to 1941 the University required a fifth year, or an internship, before granting the degree of Doctor of Medicine. In 1941 the Board of Trustees authorized waiving the internship requirement for the duration of the war, and the degree of Doctor of Medicine is now awarded instead of the Certificate in Medicine formerly given at the end of four years of study. The Executive Faculty of the College of Medicine has proposed that the requirement of the fifth year for the M.D. degree be permanently discontinued, that the degree be awarded at the end of the fourth year, and that the award of the Certificate in Medicine be discontinued. The Bachelor of Science degree will be awarded at the end of the second year as heretofore.

The chief reason for the change is that the control of students serving internships in hospitals not operated by the University is largely out of the hands of the College of Medicine. At least one year of internship is, of course, still required by medical examining boards for licensure and admission to licensing examinations.

The University Senate recommends approval of this change and I concur.

On motion of Mrs. Holt, this change was authorized.

DEGREE OF DOCTOR OF PHILOSOPHY IN PHYSICAL EDUCATION

(7) The graduate faculty in the School of Physical Education has proposed a graduate program leading to the degree of Doctor of Philosophy in Physical Education. This has been approved by the Executive Faculty of the Graduate College. The University Senate has recommended that the degree of Doctor of Philosophy in Physical Education be authorized.

I concur.

On motion of Mr. McKelvey, this degree was established as recommended.

UNIVERSITY CALENDAR, 1948-1949

(8) The University Senate has approved the calendar for the academic year 1948-1949 for the colleges and schools at Urbana-Champaign. The academic calendars for the Chicago and Galesburg Undergraduate Divisions have been approved by the University Committee on Calendar acting for the Senate. These are presented to the Board for information and record (Appendix, page 966).

This report was received for record.

CALLING OF MEN'S RESIDENCE HALL LOAN

(9) On June 23, 1947 (Minutes, page 403), the Board of Trustees authorized the calling of the men's residence hall loan as soon as practicable after the first call date, September 1, 1947.

A plan has now been concluded for calling this loan and replacing it by a new issue of revenue bonds as of March 1, 1948, in the amount of \$400,000.

In making such an offer, it is necessary that there be an approving opinion of independent counsel. The Legal Counsel and the Comptroller recommend that the firm of Chapman and Cutler, attorneys of Chicago, be engaged for all necessary services in connection with this bond issue.

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

In connection with this matter, a telegram from the Executive Council of the Men's Residence Halls Association was read to the Board. This telegram was referred to the President of the University for reply and report to the Board.

PLANS FOR STUDENT AND STAFF APARTMENT PROJECT AT URBANA

(10) The State appropriations made to the University for the biennium of 1947-1949 include \$400,000 for student and staff apartments at Urbana-Champaign. This project is to provide housing for married students, including graduate students who are also staff members. The \$400,000 may be augmented by an assignment from a capital appropriation of \$618,845 for contingencies.

The architectural firm of Skidmore, Owings, and Merrill has completed plot plans, floor plans, and elevations for this project, to be erected at Green and Goodwin Streets. These plans have been approved by the Building Program Committee. Additional funds must be secured by borrowing, but whether the entire project can be carried out now will depend upon the cost.

The Committee has recommended:

1. That the architects be authorized to complete detailed plans and specifications for the entire project.

2. That the sum of \$250,000 from the contingent item in the biennial capital appropriation be tentatively earmarked for the project.

3. That when plans are completed, bids be taken in such form as to make possible the award of contracts for such part of the work as can be financed.

I recommend approval of these proposals.

On motion of Mr. McLaughlin, the proposals of the Building Program Committee were approved.

SPECIAL APPROPRIATIONS FOR NONRECURRING EXPENDITURES

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

1. Remodeling of Armory for Naval Science facilities.....	\$ 36 000
2. Alterations and lockers in Men's Old Gymnasium.....	26 000
3. Alterations and improvements in Smith Music Hall.....	22 000
4. Residence and new water supply at Dixon Springs Experiment Station	13 000
5. New microscopes and accessories for Department of Geology.....	10 500
6. One five-passenger car, one panel truck, and laboratory equipment for College of Veterinary Medicine.....	9 500
7. Cabinets and reference books for Department of Botany.....	4 600
8. Additional toilet facilities for Division of Floriculture.....	4 000
9. Publication of 3,000 copies of "Ferment in Education" (Proceedings of the Installation of the President).....	4 000
10. Lockers, electrical outlets, and fluorescent lamps for Department of Bacteriology.....	3 768
11. Improvements in Medical Library (Chicago).....	2 750
12. Installation of constant temperature and humidity equipment in Noyes Laboratory for State Water Survey.....	2 500
13. Computing machines for Department of Psychology.....	2 250
14. Chemical hood for Department of Entomology.....	2 000
15. Cabinets, curtains, and utility connections in fourth floor of Mumford Hall for Department of Forestry.....	1 855
<i>Total</i>	<i>\$144 723</i>

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

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

ENGINEERING SERVICES FOR EMERGENCY LIGHTING SYSTEM FOR MCKINLEY HOSPITAL

(12) Electric power service to McKinley Hospital is supplied by the Abbott Power Plant through a load center which also serves the South Farm area. Part of the transmission from the load center is overhead and during storms a number of power failures have occurred at McKinley Hospital. Several years ago the

University installed transmission lines connecting with those of the Illinois Power Company, with an automatic cut-off, so that in the event of power failure from the University plant, power service will automatically come in from the Illinois Power Company. Unfortunately continuous service has not resulted. On at least three occasions power service from both sources has failed simultaneously.

The Physical Plant Department, the Dean of Students, and the University Health Officer have recommended the installation of a battery operated emergency lighting system in McKinley Hospital. The proposal has been approved in principle by the Committee on Special Appropriations and Nonrecurring Expenditures. It is necessary to prepare plans and specifications and secure bids before an appropriation can be recommended.

The Physical Plant Department requests authority to engage the firm of Graham, Anderson, Probst, and White to prepare plans and specifications at a cost of \$2,500. Funds are available in the Physical Plant budget for 1947-1948.

I recommend approval of this proposal.

This matter was referred to the Committee on Buildings and Grounds for consideration and report.

AWARD OF CONTRACT FOR THE SUPERVISION OF THE ASSEMBLY AND ERECTION OF THE BETATRON

(13) On May 27, 1947 (Minutes, page 368), the Board of Trustees approved a contract with the Allis-Chalmers Manufacturing Company of Milwaukee for the preparation of the design and working drawings for the Betatron.

It will be necessary to secure experienced engineering assistance in actual construction of the Betatron on the site. Since the Allis-Chalmers Company has prepared the drawings and specifications, it will be advantageous if the engineering assistance can be secured from this company.

Professor D. W. Kerst, in charge of construction and of the Betatron Research Program, Professor F. W. Loomis, Head of the Department of Physics, Dean M. L. Enger, Dean of the College of Engineering, and the Comptroller recommend that a contract be executed with the Allis-Chalmers Manufacturing Company to provide engineering assistance under the following terms: Services of supervisory erection engineers will be provided at the rate of \$75 a day and services of assistant erection engineers will be provided at the rate of \$28 a day. The University will have the option of terminating the contract at any time by written notice to the Company. It is also recommended that the Company be given authority to purchase necessary miscellaneous materials and tools, and to hire labor, during the assembling, with the provision that all purchases of material or equipment of \$25 or over shall be approved in advance by the University and that the total of such purchases shall not exceed \$25,000. All purchases of \$1,000 or more will be submitted to the Board for approval in accordance with the usual procedure.

I concur in the above recommendation and request authority for the Comptroller and the Secretary of the Board to execute a contract in accordance with these recommendations.

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

REPORT OF AUDIT OF UNIVERSITY ACCOUNTS

(14) The Secretary of the Board reports that he has received from Arthur Young and Company, auditors, the report of their examination of the accounts of the University for the year ended June 30, 1947. Copies of the report have been sent to President Stoddard and all the members of the Board of Trustees. The report includes a certification of the balance sheet, a statement of current income and expenditures and current funds surplus, and summaries of transactions of all departments.

This report was received for record.

ADDITION TO CONTRACT FOR BUILDING LIGHTING IMPROVEMENTS

(15) The Director of the Physical Plant recommends an increase in the amount of \$2,500 in the contract with Graham, Anderson, Probst, and White for engineering services in designing lighting improvements. The present contract provides for such engineering service on the Architecture and the Physics Laboratory buildings (Minutes, October 30, 1947, page 922). The addition is for similar service on the Transportation Building.

The Comptroller concurs in this recommendation. I recommend approval and authorization of the Comptroller and the Secretary of the Board to execute the addition to the contract.

On motion of Mr. McLaughlin, this addition was authorized and authority given as recommended.

ADDITION TO CONTRACT FOR ELECTRICAL WORK ON THE MECHANICAL ENGINEERING BUILDING

(16) The Director of the Physical Plant requests an addition of \$3,821.24 to the contract with the Square Deal Electric Company for electrical work on the Mechanical Engineering Building. The original contract was approved by the Board of Trustees on March 27, 1947 (Minutes, page 317). It has been found that the provision for corridor lighting as specified by the architects was below the present University standards. This addition covers revisions to bring lighting up to present standards.

Funds are available in the Special State Appropriation for this building.

The Comptroller recommends that the requested addition be made. I concur and request authorization of the Comptroller and the Secretary of the Board to execute this addition to the contract with the Square Deal Electric Company.

On motion of Mrs. Holt, this addition was approved and authority given as recommended.

PURCHASES

(17) There are submitted herewith (Appendix, page 968): A. Recommendations for purchases for approval by the Board, and B. Purchase authorized by the President of the University.

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

COMPTROLLER'S REPORT OF CONTRACTS

(18) The Comptroller's report of contracts executed, November 11 to December 10, 1947 (see Appendix, page 969).

This report was received for record.

SPECIAL APPROPRIATIONS OF ATHLETIC ASSOCIATION

(19) The Board of Directors of the Athletic Association request approval of the following special appropriations:

(1) *Olympic Fund Contribution.*—Colleges and universities in the United States have been called upon to make contributions to the United States Olympic fund, inasmuch as a large percentage of the Olympic contestants will come from American colleges and universities. The Board recommends a special appropriation of \$1,000 as the initial contribution to this fund.

(2) *Repair of Toilets in Memorial Stadium.*—During the war years, three of the toilets in Memorial Stadium were rendered inoperative because of failure in the lead sheathing used in these areas. Both labor and material are now available for the correction of these difficulties. Because of the prospect of large attendance for home games next year and the consequent need for adequate rest room facilities, a special appropriation from the reserve from plant maintenance in the amount of \$9,500 is requested.

Funds are available for these expenditures and I recommend approval.

On motion of Mrs. Holt, these appropriations were approved as recommended.

CONTRACT FOR DIES AND SERVICES FOR BETATRON PROJECT

(20) In the construction of the Betatron between 40,000 and 50,000 field magnet laminations are required. Steel required for this purpose has already been purchased. Specially constructed dies are necessary to complete the work.

The Director of Purchases and the Physics staff explored all possible sources for this work. Only one company could be located which would accept an order

for making the dies and processing the steel, the Verson Manufacturing Company, Dallas, Texas. This firm has made the following proposal:

1. Manufacture of two special dies in accordance with drawings prepared by Allis-Chalmers Manufacturing Company, \$10,200, payable in semi-monthly payments on certified statements of progress of work. Final payment upon satisfactory completion of dies.

2. Cutting and punching, with the above dies, field magnet laminations from Trancor 52 steel supplied by the University, at 50 cents a lamination, estimated total, \$25,000, payable as completed laminations are delivered.

3. Varnishing laminations as required by University, \$3.50 a labor hour, material at cost plus 10 per cent. Guaranteed maximum \$15,000 with right of University to examine cost records.

The Director of Purchases and persons in charge of the Betatron consider this arrangement satisfactory, and recommend the placing of an order with Verson Manufacturing Company, with the foregoing conditions. The Comptroller requests approval.

I concur in this recommendation.

On motion of Mr. McLaughlin, the placing of this order was authorized as recommended.

ADDITIONS TO CONTRACTS FOR MECHANICAL ENGINEERING BUILDING

(21) The Director of the Physical Plant and the Comptroller recommend that the following additions be made to the contracts indicated:

(1) An increase in the general contract with James McHugh Sons, Inc., in the amount of \$6,073. This increase will provide for the substitution of 3/16" asphalt tile in lieu of the 1/8" asphalt tile originally specified, and for the furnishing and installation of folding doors across Room 108. The change in the size of the tile is recommended in order to obtain a more satisfactory surface and reduce future maintenance and replacement costs, and the folding doors are requested in order to permit the subdivision of the room as needs arise. The original contract with James McHugh, Inc., was approved by the Board on March 27, 1947 (Minutes, page 317).

(2) An increase in the contract with the Square Deal Electric Company (original contract approved by the Board on March 27, 1947, Minutes, page 317) for electrical work in the amount of \$5,433.63, and an increase in the contract with Fugard, Burt & Wilkinson (original contract approved by the Board on November 23, 1945, Minutes, page 916) for architectural service in the amount of \$3,897.98. These increases provide for the costs of electrical changes and architectural services necessary due to the decision on the part of the Mechanical Engineering Department to change the foundry and forge shop to an internal combustion engine shop.

Funds are available for the above increases.

I concur and request authority for the Comptroller and the Secretary of the Board to execute the additions to these contracts.

On motion of Mrs. Holt, these additions were approved and authority was given as recommended.

SECRETARY'S REPORTS

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

1. Appointments made by the President of the University (page 964).
2. Resignations (page 966).

The Board adjourned.

H. E. CUNNINGHAM
Secretary

PARK LIVINGSTON
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.)

- ANDERSON, K. C., Assistant Professor, Architecture (Undergraduate Division in Chicago) ($\frac{1}{3}$), seven months beginning December 1, 1947, \$200 a month (12-20-47).
- BELLACK, A. A., Instructor, Education (University High School), five months beginning February 1, 1948, \$394 a month, supersedes (12-6-47).
- BERRY, I. M., Research Fellow, Clinical Science (Medicine), eleven months beginning October 1, 1947, without salary; in addition to his appointment as Scholar in the Graduate College; supersedes his appointment as Research Fellow in Clinical Science, with salary (12-17-47).
- BESSEY, O. A., Professor, Biological Chemistry, Head of the Department (Medicine), six months beginning March 1, 1948, \$10,000 a year, supersedes (12-20-47).
- BOGGESE, W. R., Associate Professor, Forest Research (Forestry and Administration) (S), ten months beginning November 1, 1947, \$5000 a year, supersedes (12-6-47).
- CHALMERS, W. E., Research Associate Professor, Labor and Industrial Relations (Institute of Labor and Industrial Relations) (full time), two months beginning December 1, 1947; Associate Professor, Economics (Commerce) ($\frac{1}{2}$), (Institute of Labor and Industrial Relations) ($\frac{1}{2}$), February 1, 1948-August 31, 1949, \$6800 a year (12-4-47).
- CHAPMAN, R. A., Special Fellow, Plant Pathology, four months beginning February 1, 1948, \$450 (12-8-47).
- CIPOLLA, A. F., Assistant, Anatomy (Medicine), ten months beginning November 1, 1947, without salary (12-23-47).
- COLLIER, R. M., Associate Professor, Psychology ($\frac{5}{6}$), December 1, 1947-August 31, 1948, \$4167 a year, supersedes (12-13-47).
- CORDIS, W. R., Assistant, Supervision of High School Instruction (Education), academic year 1947-1948, \$100 (12-12-47).
- DRAWVER, PAULINE, Assistant, English, five months beginning February 1, 1948, \$1200, supersedes (12-13-47).
- FAIRBANKS, GRANT, Professor, Speech, indefinite tenure beginning February 1, 1948, \$8000 a year, payable in seven monthly installments of \$571.43 each, from February 1, 1948, through August 31, 1948, and thereafter at a regular monthly rate of \$666.67 (12-17-47).
- FLYNN, J. R., Third Year Resident, Radiology (Research and Educational Hospitals), seven months beginning December 1, 1947, \$96.66 a month, also to be provided full maintenance valued at \$384 a year, supersedes (12-3-47).
- GILMAN, S. F., Special Research Assistant, Mechanical Engineering (S), nine months beginning December 1, 1947, \$300 a month, supersedes (12-20-47).
- HANDLER, J. S., Research Assistant, Psychiatry (Medicine) (assigned to the University of Chicago), eight months beginning January 1, 1948, \$200 a month (12-30-47).
- HANSON, MARTIN, Research Fellow, Clinical Science (Medicine), eleven months beginning October 1, 1947, \$150 a month, supersedes (12-6-47).
- HARRIS, ZIGMORE, Assistant Professor, Anesthesia (Surgery) (Medicine), eight months beginning January 1, 1948, \$6160 a year, supersedes (12-6-47).
- HIRSCH, HERBERT, Scholar, Bacteriology, four months beginning February 1, 1948, \$250 (12-10-47).
- HOOD, MRS. ELLEN G., Instructor, Physical Sciences (Undergraduate Division in Chicago) ($\frac{2}{3}$), three months beginning November 1, 1947, \$200 a month, supersedes (12-3-47).
- KERR, D. W., Research Assistant Professor, Applied Materia Medica and Therapeutics (Dentistry), October 10, 1947-August 31, 1948, \$5000 a year (12-2-47).
- KLAUBER, W. A., JR., Clinical Assistant, Radiology (Medicine), eight months beginning January 1, 1948, without salary (11-26-47).
- KRASNO, L. R., Assistant Professor, Clinical Science (Medicine), nine months beginning December 1, 1947, without salary (12-3-47).

- KUBITSCHKE, H. E., Fellow, Physics, four months beginning February 1, 1948, \$375, supersedes (12-31-47).
- LEARNER, AARON, Clinical Instructor, Pathology (Medicine), nine months beginning December 1, 1947, without salary (12-9-47).
- LOVE, RUTH H., Research Assistant, Biological Chemistry (Medicine), five months beginning April 1, 1948, \$2800 a year (12-29-47).
- LUECKING, EVELYN M., Assistant, Education, five months beginning February 1, 1948, \$240 a month (12-23-47).
- MACFATE, R. P., Assistant Director, Hospital Laboratory (Research and Educational Hospitals) (7/10), Assistant Professor, Pathology (Clinical Pathology) (Medicine) (2/10), one year beginning September 1, 1947, \$5584, supersedes (12-6-47).
- MANSFIELD, M. E., Assistant Professor, Veterinary Extension (Veterinary Pathology and Hygiene) (Veterinary Medicine and Extension Service in Agriculture and Home Economics), January 15, 1948-August 31, 1949, \$5000 a year (12-9-47).
- MCALLASTER, ELVA A., Special Fellow, English, four months beginning February 1, 1948, \$450 (12-18-47).
- MILLETT, J. H., Fellow, Political Science, four months beginning February 1, 1948, \$450 (12-17-47).
- MORGAN, W. R., Special Research Professor, Ceramic Engineering (S), ten months beginning September 16, 1947, \$600 a month, supersedes (12-9-47).
- MOWERY, GEORGE, Electroencephalographer, Psychiatry (Medicine), ten months beginning November 1, 1947, \$3500 a year, supersedes (12-6-47).
- NELSON, R. H., Research Assistant, Psychiatry (Medicine), November 15, 1947-August 31, 1948, \$3000 a year (12-6-47).
- NIXON, R. B., Visiting Professor, Journalism (School of Journalism and Institute of Communications Research), one year beginning September 1, 1948, \$7500 (12-12-47).
- OGNESS, A. M., Assistant Professor, Aeronautical Engineering (C), six months beginning February 1, 1948, and one year beginning September 1, 1948, \$4100 a year (12-9-47).
- PAULSON, KATHERINE E., Assistant, Dairy Manufactures Research (Food Technology) (C), eight months beginning January 1, 1948, \$225 a month (12-3-47).
- PENNINGTON, L. A., Associate Professor, Psychology (5/6), nine months beginning December 1, 1947, \$402.75 a month, supersedes (12-13-47).
- PETTINGA, P. S., Counselor, Student Personnel Bureau, November 15, 1947-August 31, 1948, \$50 a month, in addition to his appointment as Assistant Professor of Music (12-23-47).
- PFEIFER, R. P., Fellow, Agronomy, four months beginning February 1, 1948, \$450 (12-10-47).
- PIRANI, C. L., Clinical Instructor, Pathology (Medicine), one year beginning September 1, 1947, without salary, supersedes (12-3-47).
- PLATZ, M. B., Assistant, Supervision of High School Instruction (Education), academic year 1947-1948, \$200 (12-12-47).
- PREWITT, LENA, Assistant, Supervision of High School Instruction (Education), academic year 1947-1948, \$200 (12-22-47).
- RANZ, JAMES, Map Librarian, rank of Instructor (Library), seven months beginning February 1, 1948, \$250 a month (12-13-47).
- RHYMER, ESTHER I., Special Fellow, Bacteriology, seven months beginning December 1, 1947, \$2100 (12-10-47).
- ROBERTSON, CHARLOTTE, Research Fellow, Clinical Science (Medicine), eleven months beginning October 1, 1947, \$100 a month, supersedes (12-20-47).
- RODRIGUEZ, A. A., Instructor, Physical Medicine (Medicine), one year beginning September 1, 1947, \$3000 (12-17-47).
- RUSSELL, MARIAN E., Director, Social Service (Research and Educational Hospitals), nine months beginning December 1, 1947, \$500 a month (12-10-47).
- SACKHEIM, ALICE R., Instructor, Physical Sciences (Undergraduate Division in Chicago) (2/3), three months beginning November 1, 1947, \$200 a month (12-3-47).
- SANFORD, C. W., Coordinator of Teacher Education, Associate Professor, Education, at the University of Illinois (1/2), Office of the State Superintendent of

- Public Instruction ($\frac{1}{2}$), one year beginning September 1, 1947, \$8000, supersedes (12-16-47).
- SHEALY, Y. F., Fellow, Chemistry, four months beginning February 1, 1948, \$450 (12-29-47).
- SINGLETON, J. W., First Year Resident, Pediatrics (Research and Educational Hospitals), six months beginning December 1, 1947, \$55 a month, Clinical Assistant, Pediatrics (Medicine), six months beginning December 1, 1947, without salary (12-30-47).
- SMITH, MRS. JEAN F., Assistant, Home Economics (S), nine months beginning December 1, 1947, \$200 a month (12-23-47).
- SOLOMON, J. D., Research Fellow, Biological Chemistry (Medicine), eight months beginning January 1, 1948, \$200 a month (12-30-47).
- SONNENSCHEN, R. R., Research Fellow, Clinical Science (Medicine), eleven months beginning October 1, 1947, without salary; in addition to his appointment as Scholar in the Graduate College; supersedes his appointment as Research Fellow in Clinical Science, with salary (12-17-47).
- STEWART, W. N., Counselor, Student Personnel Bureau, December 15, 1947-June 30, 1948, \$60 a month, in addition to his appointment in Botany (12-17-47).
- TERRY, ELLEN, Assistant, Supervision of High School Instruction (Education), academic year 1947-1948, \$200 (12-12-47).
- TOOLEY, F. V., Professor, Glass Technology (Ceramic Engineering) (C), indefinite tenure beginning September 1, 1947, \$6500 a year, supersedes (12-3-47).
- TREZISE, F. W., Associate Professor, Engineering Sciences, Chairman, Engineering Sciences Division (Undergraduate Division in Galesburg), seven months beginning February 1, 1948, \$5500 a year, supersedes (12-27-47).
- UTLEY, JEAN L., Assistant Professor, Audiology (Otolaryngology) (Medicine), eleven months beginning October 1, 1947, \$5000 a year (12-4-47).
- VERMEULEN, C. W., Associate Professor, Surgery (Medicine) ($\frac{1}{2}$), eight months beginning January 1, 1948, \$350 a month, supersedes (12-26-47).
- WALKER, PAUL, Assistant, Supervision of High School Instruction (Education), academic year 1947-1948, \$200 (12-12-47).
- WIEN, N. A., Clinical Instructor, Medicine (Medicine), one year beginning September 1, 1947, without salary, supersedes (12-9-47).

RESIGNATIONS

- ALDRICH, MRS. ELIZABETH R., Clinical Counselor, Student Personnel Bureau—resignation effective 1-10-48.
- GRANT, MARY J., Registered Pharmacist, Hospital Pharmacy (Medicine)—resignation effective 12-1-47.
- HARRIS, ZIGMORE, Third Year Resident, Anesthesia (Research and Educational Hospitals)—resignation effective 1-1-48.
- HATTENHAUER, M. B., Assistant Professor, Prosthetic Dentistry (Full and Removable Partial Dentures) (Dentistry)—resignation effective 12-17-47.
- HOTTES, FLORA E., Architecture Library Assistant—resignation effective 2-1-48.
- MATHIEU, J. B., Research Assistant, Chemistry—resignation effective 2-15-48.
- MEYER, R. K., Scholar, Chemistry—resignation effective 10-1-47.
- MUNSEY, F. A., First Year Resident, Pediatrics (Research and Educational Hospitals)—resignation effective 12-1-47.
- STEINBACHER, F. R., Associate Professor, Aeronautical Engineering (C)—resignation effective 3-1-48.
- TEPLINSKY, L. L., Assistant Professor, Anesthesia (Surgery) (Medicine)—resignation effective 12-14-47.

UNIVERSITY CALENDAR, 1948-1949

URBANA-CHAMPAIGN DEPARTMENTS

1948—First Semester

- Aug. 31, Tues.—Sept. 3, Fri. . . . Entrance examinations.
- Sept. 9, Thurs.—Sept. 15, Wed. . . . Freshman week.
- Sept. 10, Fri.—Sept. 15, Wed. . . . Registration of graduates and undergraduates.
- Sept. 16, Thurs. Instruction begins.
- Nov. 24, Wed., 12 noon. Thanksgiving vacation begins.
- Nov. 29, Mon., 1 p.m. Thanksgiving vacation ends.
- Dec. 3, Fri. Illinois Day (State admitted to the Union, 1818).
- Dec. 18, Sat., 12 noon. Christmas vacation begins.

1949

Jan. 3, Mon., 7 a.m. Christmas vacation ends.
 Jan. 17, Mon.—Jan. 25, Tues. . . . Semester examinations.
 Feb. 1, Tues.¹ Baccalaureate and Commencement Exercises.

1949—Second Semester

Jan. 25, Tues.—Jan. 28, Fri. . . . Entrance examinations.
 Feb. 2, Wed.—Feb. 5, Sat. . . . Registration of graduates and undergraduates.
 Feb. 7, Mon. Instruction begins.
 Mar. 2, Wed. University Day (University opened, 1868).
 Apr. 14, Thurs., 12 noon Easter vacation begins.
 Apr. 18, Mon., 1 p.m. Easter vacation ends.
 Apr. 29, Fri. Honors Day.
 May 30, Mon. Memorial Day.
 May 25, Wed.—June 3, Fri. . . . Semester examinations.
 June 12, Sun.¹ Baccalaureate.
 June 13, Mon.¹ Commencement Exercises.

1949—Summer Session

June 14, Tues.—June 17, Fri. . . . Entrance examinations.
 June 17, Fri.—June 21, Tues. . . . Registration of graduates and undergraduates.
 June 22, Wed. Instruction begins.
 July 4, Mon. Independence Day.
 Aug. 12, Fri.—Aug. 13, Sat. . . . Summer Session examinations.

CHICAGO UNDERGRADUATE DIVISION

1948—First Semester

Sept. 6, Mon.—Sept. 8, Wed. . . . Freshman guidance examinations.
 Sept. 13, Mon.—Sept. 16, Thurs. . . Registration.
 Sept. 17, Fri. Instruction begins.
 Nov. 24, Wed., 12 noon Thanksgiving vacation begins.
 Nov. 29, Mon., 1 p.m. Thanksgiving vacation ends.
 Dec. 3, Fri. Illinois Day (State admitted to the Union, 1818).
 Dec. 18, Sat., 12 noon Christmas vacation begins.

1949

Jan. 3, Mon., 8 a.m. Christmas vacation ends.
 Jan. 17, Mon.—Jan. 25, Tues. . . . Semester examinations.

1949—Second Semester

Jan. 31, Mon.—Feb. 2, Wed. . . . Freshman guidance examinations.
 Feb. 7, Mon.—Feb. 10, Thurs. . . Registration.
 Feb. 11, Fri. Instruction begins.
 Mar. 2, Wed. University Day (University opened, 1868).
 Apr. 14, Thurs., 12 noon Easter vacation begins.
 Apr. 18, Mon., 1 p.m. Easter vacation ends.
 Apr. 29, Fri. Honors Day.
 May 30, Mon. Memorial Day.
 May 31, Tues.—June 8, Wed. . . . Semester examinations.

1949—Summer Session

June 13, Mon.—June 14, Tues. . . Freshman guidance examinations.
 June 18, Sat.—June 21, Tues. . . . Registration.
 June 22, Wed. Instruction begins.
 July 4, Mon. Independence Day.
 Aug. 12, Fri.—Aug. 13, Sat. . . . Summer Session examinations.

GALESBURG UNDERGRADUATE DIVISION

1948—First Semester

Sept. 8, Wed.—Sept. 14, Tues. . . . New student orientation week.
 Sept. 10, Fri.—Sept. 14, Tues. . . . Registration.
 Sept. 15, Wed. Instruction begins.

¹ Subject to final action by the Committee on Commencement.

Nov. 24, Wed., 12 noon.....Thanksgiving vacation begins.
 Nov. 29, Mon., 1 p.m.....Thanksgiving vacation ends.
 Dec. 3, Fri.....Illinois Day (State admitted to the Union, 1818).
 Dec. 18, Sat., 12 noon.....Christmas vacation begins.

1949

Jan. 3, Mon., 8 a.m.....Christmas vacation ends.
 Jan. 17, Mon.—Jan. 25, Tues....Semester examinations.

1949 — Second Semester

Feb. 1, Tues.—Feb. 5, Sat.....New student orientation week.
 Feb. 2, Wed.—Feb. 5, Sat.....Registration.
 Feb. 7, Mon.....Instruction begins.
 Mar. 2, Wed.....University Day (University opened, 1868).
 Apr. 14, Thurs., 12 noon.....Easter vacation begins.
 Apr. 18, Mon., 1 p.m.....Easter vacation ends.
 Apr. 29, Fri.....Honors Day.
 May 30, Mon.....Memorial Day.
 May 25, Wed.—June 3, Fri.....Semester examinations.

1949 — Summer Session

June 20, Mon.—June 21, Tues....Registration.
 June 22, Wed.....Instruction begins.
 July 4, Mon.....Independence Day.
 Aug. 12, Fri.—Aug. 13, Sat.....Summer Session examinations.

PURCHASES

A. 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, or because the item is noncompetitive, or to obtain earliest delivery.

Item	Department	Vendor	Cost
One No. 1285E, Model 286 power supply; one No. 1327E, Model 281 cathode ray oscilloscope, with P-11 screen tube; one No. 1300E, Model 256D cathode ray oscillograph with 5CP11 tube	Physics	Allen B. Dumont Laboratories, Inc., Clifton, N.J.	\$3 870 25
Insulation of walls and roof of Machine Shop in the hangar at the Airport	Institute of Aeronautics	Ray Wascher, Champaign	1 200 00
One lot of expansion joints and accessories to replace those now in tunnels	Physical Plant	General Meters & Controls Co., Chicago	2 090 05
530 cases (assorted) laboratory Pyrex ware	General Chemical Stores	Central Scientific Co., Chicago A. S. LaPine & Co., Chicago Rascher & Betzold, Chicago Schaar & Co., Chicago Wilkins-Anderson Co., Chicago	2 214 38 2 158 28 2 160 11 2 138 01 2 116 50
18,000 lbs. 25x38, 60-lb. Enamel book paper	Office Supply Store	Dwight Brothers Paper Co., Chicago	3 245 00
One Trancor 52 pole for 20 MEV Betatron as replacement equipment	Physics	Allis-Chalmers Manufacturing Co., Milwaukee, Wis.	1 750 00
50 doz. each of 2 c.c., 5 c.c., and 10 c.c., 25 doz. 20 c.c., 2 doz. 50 c.c., and 36 doz. 1 c.c. 40/80 unit t.b. type (Luer syringes with regular tip graduated)	Chicago General Stores	Debs Hospital Supply Co., Chicago	2 954 04
One Model V-36 DoAll contour machine with accessories	Electrical Engineering	DoAll Southern Co., St. Louis, Mo.	2 128 26 f.o.b. Savage, Minn.
15,000 copies of song books (Encor in the State of El-anoy) for re-sale to local groups	Agricultural Economics	Mr. Lynn Rohrbough, Co-operative Recreation Service, Delaware, Ohio	1 500 00

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
25 policemen's uniforms consisting of coat, trousers, and two caps	Physical Plant	Marcus Ruben, Inc., Chicago	1 613 00
One General Electric oscillograph	Electrical Engineering	General Electric Co., Springfield	4 149 00
One 1948 Ford Chassis cab with pickup body and heater	Agricultural Administration	Dana Hudelson, Inc., Champaign	1 211 14 (Subject to any increase in factory price before delivery)
One 200 Kv-a transformer, one 150 Kv-a transformer, and two disconnect switches	Physical Plant	Westinghouse Electric Corp., Chicago	3 617 78
Labor and material for fabrication of two brass coil forms	Physics	Modern Machine Shop, Inc., Danville	1 409 39

B. Purchase Authorized by the President of the University

The following purchase has been authorized by the President of the University on the recommendation of the Director of Purchases and the Comptroller. The purchase was made because the dealer offered immediate delivery.

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One 1948 Ford Super DeLuxe Fordor Sedan to replace 1939 Ford Tudor Sedan	Forestry	Dana Hudelson, Inc., Champaign	1 197 00

COMPTROLLER'S REPORT OF CONTRACTS EXECUTED NOVEMBER 11, TO DECEMBER 10, 1947

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be paid to the University</i>	<i>Date</i>
American Gas Association, Inc.	Air duct study	\$10 000 00	November 10, 1947
Veterans Administration	Instruction, books, etc., for veterans under Public Law 346	500 00 maximum for an individual course of less than 30 weeks or an ordinary school year of 30 weeks or more—February 5, 1947, to January 29, 1948	September 8, 1947
Veterans Administration	Counseling of veterans	20 00 for each veteran	September 11, 1947
Navy Department, Bureau of Supplies and Accounts	Instruction and training of students in N.R.O.T.C.	20 321 13	September 1, 1947
Navy Department, Bureau of Supplies and Accounts	Instruction for commissioned officers of the Regular Navy Program	2 775 90	September 1, 1947
Navy Department, Bureau of Supplies and Accounts	Instruction and training of students in Naval Aviation College Program	4 465 71	September 1, 1947
American Bottlers of Carbonated Beverages	1948 Short Course Program	25 00 each student 800 00 minimum	October 24, 1947
<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be paid by the University</i>	<i>Date</i>
Theo. Kupfer Foundry	Loan of farm machinery and other goods	\$1 00	November 10, 1947
City of Urbana, Illinois	Agreement for joint use of F-M radio equipment in police squad cars	None	October 7, 1947

Leases executed under general regulations of the Board:

<i>With Whom</i>	<i>Property</i>	<i>Amount to be paid to the University</i>	<i>Date</i>
J. L. Page	First floor apartment, 1116 West Illinois, Urbana	\$70 00 a month	December 1, 1947
G. W. Salisbury	Second floor apartment, 1003 West Nevada, Urbana	50 00 a month	December 3, 1947
Henry Czyzewski	Second floor apartment, 1116 West Illinois, Urbana	70 00 a month	December 2, 1947